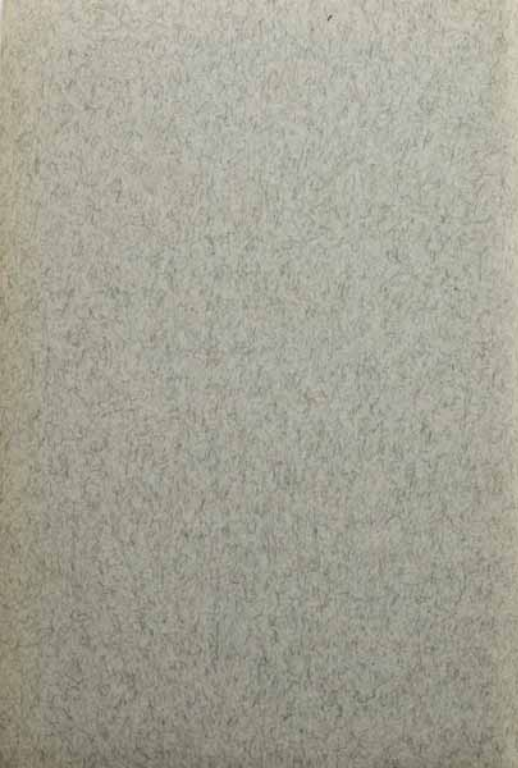


The
GEAR
of Theta Tau

FALL, 1949

VOLUME XXXIX

NUMBER 1



The GEAR of
THETA TAU



FALL, 1949

VOLUME XXXIX

NUMBER 1

Theta Tau Fraternity

Founded at the University of Minnesota October 15, 1904

FOUNDERS

ERICH J. SCHRADER
W. MURRAY LEWIS

ISAAC B. HANKS
ELWIN L. VINAL

EXECUTIVE COUNCIL

- PROF. N. B. AMES, Gamma Beta '17 *Grand Regent*
8 Westwood Drive, Washington 16, D. C.
- PROF. D. D. CURTIS, Omicron Honorary '19 *Grand Vice Regent*
Clemson, South Carolina
- ERICH J. SCHRADER, Alpha '05 *Grand Scribe*
Box 244, Reno, Nevada
- PROF. JAMISON VAWTER, Zeta '16 *Grand Treasurer*
307 Engineering Hall, University of Illinois, Urbana, Ill.
- DR. J. M. DANIELS, Nu Honorary '22 *Grand Marshal*
Carnegie Institute of Tech., Pittsburgh, Pa.
- PROF. FRANK W. EDWARDS, Omicron '28 *Grand Inner Guard*
10648 South Wood St., Chicago 43, Ill.
- PROF. T. C. BROWN, Rho '31 *Grand Outer Guard*
M. E. Dept., North Carolina State College, Raleigh, N. C.

DELEGATE AT LARGE

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

THE GEAR OF THETA TAU

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

ALUMNI ASSOCIATIONS AND CLUBS

- Central Ohio*—J. J. Visintine, 1178 Virginia Avenue, Columbus 8, Ohio
- Chicago*—Nick Trbovich, 4225 Ivy Street, East Chicago, Ind.
- Cleveland*—Gustav Kodet, 2964 Ripley Road, Cleveland 20, Ohio
- Intermountain*—J. W. Jenkins, P. O. Box 403, Salt Lake City, Utah
- Kansas City*—Edwin A. Elliott, 7424 Highland, Kansas City 5, Mo.
- Los Angeles*—Ben E. Gumpertz, 5715 Sunnyslope, Van Nuys, Calif.
- National Capitol*—Robert G. Weston, 1818 N. Patrick Henry Dr., Arlington, Va.
- Northwestern*—Geo. T. Hanson, 706 Locust St., Anaconda, Mont.
- Twin City*—Allen B. Benzick, 5725 Penn Ave. S., Minneapolis 19, 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 Psi. 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 13, 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) 1403 College Ave., Houghton, Michigan
- GAMMA, Established November 8, 1907 - - - Colorado School of Mines
c/o Dr. Leslie W. LeRoy, Colo. School of Mines, Golden, Colo.
- DELTA, Established May 23, 1911 - - - Case Institute of Technology
Theta Tau Box, Case Institute of Technology, Cleveland, Ohio
- EPSILON, Established May 4, 1911 - - - - University of California
Theta Tau Box, Hearst Mining Bldg., Univ. of Calif., Berkeley, Calif.
- ZETA, Established April 17, 1912 - - - - University of Kansas
(Chapter house) 1602 Louisiana Street, Lawrence, Kansas
- THETA, Established May 26, 1914 - - - - Columbia University
c/o Prof. Nelson S. Fisk, Col. of Eng., Columbia University, New York City
- IOTA, Established February 3, 1916 - - - - Missouri School of Mines
c/o Prof. J. B. Butler, Missouri School of Mines, Rolla, Mo.
- LAMBDA, Established April 29, 1920 - - - - University of Utah
c/o George W. Carter, College of Engineering, Univ. of Utah, Salt Lake City
- MU, Established January 3, 1922 - - - - University of Alabama
P. O. Box 2043, University, Alabama
- NU, Established January 1, 1922 - - Carnegie Institute of Technology
P. O. Box 114, Carnegie Institute of Technology, Pittsburgh, Pa.
- XI, Established January 13, 1923 - - - - University of Wisconsin
c/o Dr. G. A. Rohlich, 9 Hydraulics Laboratory, Univ. of Wis., Madison, Wis.
- OMICRON, Established February 3, 1923 - - - State University of Iowa
Box 44, Iowa Memorial Union, Iowa City, Iowa
- PI, Established May 26, 1923 - - - - University of Virginia
c/o Prof. Lawrence R. Quarles, College of Engineering, University, Virginia
- RHO, Established February 16, 1924 - N. C. State College of Ag. and Eng.
c/o Prof. T. C. Brown, M.E. Dept., N. C. State College, Raleigh, N. C.
- SIGMA, Established November 29, 1924 - - - Ohio State University
(Chapter House) 47 East 16th Avenue, Columbus, Ohio
- TAU, Established December 12, 1925 - - - - Syracuse University
c/o Prof. Bart J. Conta, Col. of Applied Science, Syracuse Univ., Syracuse, N.Y.
- UPSILON, Established April 7, 1928 - - - - University of Arkansas
(Chapter House) 612 Storrer St., Fayetteville, Arkansas
- PHI, Established April 21, 1928 - - - - Purdue University
(Chapter house) 416 North Chauncey, West Lafayette, Indiana
- CHI, Established April 23, 1930 - - - - University of Arizona
Theta Tau Box, Engineering Bldg., University of Arizona, Tucson, Ariz.
- PSI, Established May 7, 1932 - - - - Montana School of Mines
Theta Tau Fraternity, Care of Montana School of Mines, Butte, Montana
- OMEGA, Established March 26, 1932 - - - S. Dakota School of Mines
(Chapter house) 107 Kansas City St., Rapid City, S. Dak.
- GAMMA BETA, Established March 16, 1935 - George Washington University
c/o Mr. Don Blanchard, George Washington Univ., Washington, D.C.
- DELTA BETA, Established May 20, 1939 - - - University of Louisville
(Chapter house) 2022 S. First St., Louisville, Ky.

TO ALL MEMBERS OF THETA TAU

Official notice is hereby given that

Mitchell Liss, Omega '47, roll number 220

and

Garland Winsor Cantrell, Zeta '47, roll number 482

are no longer members of this fraternity. Take due notice thereof and conduct yourselves accordingly.

In H & T,

Erick J. Schrader
Grand Scribe

What Should Be the Voice Of Labor Unions In Management?

By OTTO HERRES, Delta '11
Combined Metals Reduction Co.

Introduction

The place of labor unions in industry should no longer be the subject of controversy. Public opinion in this country in time settles such issues and disposes of new questions as they arise. Because that is the case, unions and managements in consideration of the public interest can and often do agree among themselves upon the proper voice and place of unions in industry if left free from outside interference.

Experience indicates that the time to settle questions concerning the voice of labor unions in management is at the bargaining table during negotiation of an agreement between the company and the union. These agreements as a rule are observed fairly on both sides.

Heavy individual income and estate taxes are effectively disposing of management of industry by individual and family ownerships. Management is becoming less personal in character. Today management in large as well as smaller companies usually represents groups of individuals who have become owners of industry through the investment of their savings in company stock. In not a few instances the number of individuals in the ownership group is larger than the number of workers represented by the labor union.

It will be observed, however, that almost always labor unions are aggressive in organizing industry and promoting their interests, and manage-

ments generally are on the defensive, even to the extent of not effectively combatting misrepresentation and misunderstanding.



There is reason to believe that consumers, workers and smaller businesses are being harmed by centralization of power in big unions dealing with big corporations. *Monopoly in any form is dangerous*; it puts too much power over the many in the hands of the few, regardless of whether the monopoly takes the form of a cartel, corporation, nationalization of industry or the dictates of a powerful labor leader. Local conditions are disregarded and often communities suffer because they do not fit into some national pattern.

It would be possible to discuss at length the efforts of labor unions to gain a voice in management, or in-

stances of union participation in management to some degree. A case can be built around specific instances of where the consequences have been either good or bad. But perhaps it is better to look at the problem in its broader sense and consider the elemental principles involved and where they may lead us.

Individual unions seek more voice in management usually in order to gain a larger division of the proceeds of industry. An example may be seen today in the contention of the C.I.O. unions in the steel and automobile industries for wage increases and benefits to be taken from company profits. The Administration, sympathetic to labor union views and with an eye to the C.I.O. Political Action Committee, supports to no small extent the contentions of these powerful C.I.O. groups. There is much talk in Washington of maintaining purchasing power by increasing wage scales in spite of the readjustment of world commodities prices to a lower level now in progress. Competitive factors, production costs, and consumer resistance to a continuance of inflated prices apparently are disregarded in this line of reasoning although powerful forces are working through supply and demand and action and reaction to bring about equilibrium not only here but all over the world. *And so it is seen that Government is in the picture, and consideration also must be given to the wave of socialism now running throughout the world and where it may take us.*

Private Competitive Enterprise

We are asked: What should be the voice of labor unions in management? Presumably management of private competitive enterprises is meant. In

order to answer this question intelligently it is necessary to consider the structure of private business and particularly the place and functions of management and labor in our modern industrial society. At times it seems that ability to recognize the economic facts of life often becomes rather difficult these days because of the flood of propaganda which flows from many sources, some of them underground in origin, advocating that still another voice be heard in the management of industry—that of government.

Private business as we know it in the United States is made up of capital, labor and management. *An enterprise usually takes the form of a company organized by a group of investors who wish to put their savings to productive use.* A management is obtained to plan development of the project decided upon, employ workers and co-ordinate and direct the company operations.

The Voice of Government

The American people through their elected representatives in Government have enacted laws and set up regulatory bodies to see that business is conducted in the national interest and the public welfare is protected against monopoly and possible abuses of private industrial power. That is well and good and as it should be, but there are those who are not satisfied unless the Government goes much farther and also takes a hand in the game. And the first step might be in some instances to urge that labor unions be given a voice in management. But when regulation and control by Government is extended to a voice in industrial management, or enters the lives of workers, such participation in private affairs puts the head of the

socialist camel under the tent of free enterprise.

Agitation by labor unions for a voice in management of industry may take the form of political action with consequences in the end perhaps startling and entirely unlooked for by the individual worker and his family. For all too often the voice of labor unions in management is heard for a brief interval only, if at all, before the voice of Government joins in. And after that the voice of labor as well as management is lost in the din of bureaucratic activity, or becomes faint and discouraged after a multitude of civil servants and political planners take over. Looking to the socialist states of Europe it seems that labor unions are able to exchange freedom to negotiate with private enterprise for a proper place in industry in return for a voice in the political control of industry. But in so doing they themselves come under that same control and gain a master in the state. For fundamentally they too are an essential part of industry.

The American Way

Under the American system each unit of a company has a place and responsibility in the proper functioning of an enterprise. The owners, or capital, are obligated to decide whether existing conditions are attractive for the investment of funds. If conditions are right there must be found a need and an opportunity to develop new enterprises offering the probability of a reasonable profit on the money invested.

Hazards for capital begin with the question of sound judgment in deciding to make a venture. It is a matter of no small importance to obtain competent advice, as well as adequate and

accurate information concerning the proposed project, and a problem of no little consequence to employ a skilled and experienced organization capable of getting the project into operation and managing it successfully. *The investment of capital in a new enterprise is a speculative venture and involves many risks.*

It might be interesting in this connection to take a look at recent Dun & Bradstreet, Inc. reports of new company formations and business failures.

New Companies and Failures

Stock company formations for May totaled 7,445 in the 48 states, a gain of 2.4 percent over April, but 9.8 percent below May, 1948.

In the first five months of 1949, there were 36,623 new incorporations throughout the country, marking a progressive decline from the year 1946, when new enterprises were at their height.

Commercial and industrial failures remained at 196 in the week ended June 23. Although unchanged from the preceding week, failures were considerably more numerous than in the comparable weeks of 1948 when 111 occurred.

Thus it is seen that individual initiative still is strong in this country and American resourcefulness is hard at work seeking opportunities to compete in the production of more and better goods and services for more people. *New companies are being formed at the rate of slightly over 7000 a month in the United States and approximately 800 a month are proving failures.* And this brings up the question of management in competitive private enterprises where each is rewarded in accordance with the score turned in.

Qualifications for Management

The president of a great steel company once observed after many years of experience that thousands of engineers can design bridges, calculate strains and stresses, and draw up specifications for machines, but the great engineer is the man who can tell whether the bridge or the machine should be built at all, where it should be built, and when. And so it is with managements as well as engineers. *Probably mankind has never developed an over-supply of people possessing the qualities needed for good management. Certainly the world could use plenty of those qualities to good advantage today, and the men who have them.*

It has been said that in the eyes of God, all men are equal; wisdom, talent and virtue alone make inequality of mankind. *When it comes to good management men are needed with vision to see the right course to follow, courage to act decisively and the patience and perseverance to accomplish under circumstances quite often discouraging.* How many men have sound judgment and the qualities required to make prompt decisions, delegate authority and bring about proper coordination between staff and production executives and supervisors and to gain support and cooperation from workers?

Leadership

Men by birth, training and experience possess different characteristics and those in varying degrees. Not all are fitted to manage whether it be an industrial enterprise, a labor union, or a government bureau. How many men in labor organizations possess the qualities for leadership and management of

union affairs of a Walter Reuther, Phillip Murray or Sam Gompers? Among the millions of military men on both sides in the last war, how many have equaled the achievements in their different fields of an Eisenhower, McArthur or Patton? *In all the world other than the United States how many managements in industry have achieved the success and done so much to improve living standards, working conditions and returns to their thousands of individual stockholders as our American companies under a private competitive system free from interference in the proper affairs of good management?*

Good Management in Action

Good management seeks the support and cooperation of labor and strives for the good will of the public. Constructive criticism and suggestions are welcomed. For we all live and work by common consent. Public opinion is the controlling influence in a country where people are free. Good managers keep an ear to the ground and an eye to the future, for they must not only be sound but also progressive in their views in order to succeed. *Able managers seldom meet with honest interference nor do they have labor unions asking for a voice in activities understood by custom and practice to be the responsibility of management.* Except for subversive elements out to destroy constructive endeavors, good managers generally encounter little opposition from labor unions in their legitimate efforts. Less capable managements by the very nature of things are not improved by union intrusions into their affairs. Incompetence is not remedied by advice from the inexperienced for it is written "if the blind lead the blind, both shall fall into the ditch." At best the results can be no more

than mediocre and unsatisfactory to the workers. In the end competition under our system of business will take its toll, either of the incompetent management or the company in case no change to better guidance is made. When labor unions attempt a voice in management they may well take away the powers of business managers to do good as well as perhaps in exceptional cases evil.

Both labor leaders and business managers must know what the man in the shop, yard, and plant and on the street is thinking and how he feels about things in order to turn in a good job for themselves and their organizations. There must be an open door and an open mind. *Good management will combat misunderstanding and misrepresentation. The interest of one is the interest of all where management, workers and property are concerned. There can be no class conflict or the groups will destroy each other.* That means returning fair compensation for property and savings used in order that business may succeed and be able to retain competent employees and maintain the efficient production needed to compete in the world-wide struggle for survival. Cooperation of labor, capital and management is essential to the success of business, but is even more important to assure the freedom of the American people from the dictation and controls of a socialist or communist state.

Advantage of Successful Operation

Experience indicates that workers respect good management and efficient operation. Common sense tells a man to get work in a strong, going enterprise. If the company is not successful and prosperous, what chance is there for him to get ahead and take care of

his family? The good opportunities are found with profitable companies that are able to grow and expand and take the organization with them. And to prosper and grow a business needs competent, loyal employees who have the good sense not to try throwing monkey wrenches in a smooth-running machine. The function of industry is to provide improved goods and services for people at constantly lower costs. To do so requires cooperative effort, not class warfare and industrial strife. *Individual recognition, understanding and fair treatment mean much to the average worker. And it is the business of his labor union to see that he receives a fair day's pay for an honest day's work under good working conditions with proper consideration for health and safety.* It is where satisfactory treatment is lacking that the appeal of rabble-rousing agitators and subversive influences is most effective.

Problems of Political Control

The world is moving toward greater political controls over production and trade—a sacrifice of individual property rights to the social pressures of mass civilization. Great populations in crowded cities are dependent upon the resources of far-off areas and distant continents for existence. The earth's few remaining habitable empty spaces are filling up. The problem of population is urgent in many lands. In the struggle for survival the state more and more is assuming ultimate responsibility over the production and distribution of minerals and metals, goods and foods. Shortages and surpluses have become international problems to be regulated by governments to an ever increasing degree. This means wages and hours of work, production, prices, markets,

profits or losses, and financing of enterprises, all are affected by government policies on price controls, allotments, commodity distribution, subsidies, stockpiling of strategic materials, social measures, monetary controls, taxing and spending, tariffs and world trade. Business is concerned not only with the operation of mines, mills and factories but requires close attention to the activities of Government as well. And *management now needs a comprehensive understanding of world political and economic developments as well as of the particular problems of business.* Is the average labor union qualified to deal in these matters as they affect individual enterprises and are the workers in American industry sufficiently experienced to assume the responsibilities that go along with a voice in these problems?

Union Responsibilities

Great labor unions have obtained national power and deal with big industries on a nation-wide basis. Funds at their disposal run into millions. But with this power comes responsibility. *Union labor has the responsibility to respect the laws and traditional freedoms of this country. Among those freedoms is the freedom of management to carry out its duties and responsibilities to the millions of people who have invested their savings in productive enterprises. And just as the worker is entitled to living wages so is the person who risks his savings entitled to a fair return on his investment.* Without the investment of these savings there can be no jobs and wages under a free enterprise system. Labor is a part of industry and must cooperate for the common good. For if free enterprise is lost there will no longer be free labor.

Purchasing Power

There are labor leaders who suggest that prices can be stabilized by reducing profits and that will maintain employment at a high level. Unfortunately declining sales and increasing competition already are taking care of the matter of reducing profits. But without a reduction in production costs the effect on employment is proving quite contrary to what they predict. Under good management profits in prosperous years go into reserves and improvements that serve to maintain stable employment during years when the going is rough and unprofitable enterprises close their doors.

Purchasing power is increased by producing new wealth from mines, more production from farms and factories at lower cost through the use of machinery and electrical power, and by adding value to goods by better processing and cheaper distribution. Living standards are improved and purchasing power increased by good management and less waste and inefficiency in industry and government. All of this can be brought about by the resourcefulness of a free people working for the common good. Only in that manner can progress be made.

Security?

Unions face the same problems as business. Both want security and are troubled with thoughts that the price may be compromises with freedom. Neither the high wage scales of inflation nor abuse of private enterprise has proved effective to ward off depression. *Socialist countries are learning that you can legislate yourself poor, but you cannot legislate yourself rich.* Workers under communism have found some degree of economic secur-

ity by dividing up poverty at the expense of political freedom—a poor return in the eyes of the Western world. *But under all systems of government work must be done for life must go on.*

Whatever the outcome, it is to be hoped that we who live today will not be condemned in years to come for having become either subservient or too soft to hold our rights to individual liberty and protect the freedom of our industries from political domination. For if the business of the country is going to be directed by political planners rather than the managements of the people engaged in business, there will be those of industry who will join the venture capital that has left the field because of too much government interference with its functions. Or perhaps they may leave for one of those underdeveloped countries with great resources where the State Department plans to export some of our experience, knowledge and skills, and the qualities that brought greatness to this nation.

Freedom

Labor unions have no voice in management under socialism or communism and apparently have no important voice even in industry except to take orders from the government planners. It is only in the American Republic that men everywhere find inspiration in their strivings for human freedom and individual recognition. And only so long as our people retain their freedom and independence from internal regimentation and outside domination will we survive in the age-old struggle for existence. The solution is cooperation for the common good in this country by labor, industry and agriculture. When any great segment of the population endeavors to interfere with the proper working of the others a painful period of controversy and conflict is in prospect. Labor must be free and strong in its own right and industry, particularly management of industry, must have initiative, resourcefulness and responsibility if we are to hold our place among the leaders of a competitive world.

The dinner guest in Groucho Marx's home eyed Groucho suspiciously. "These frankfurters taste like meat at one end and bread crumbs at the other," he complained.

"Well," explained Groucho, "you know how hard it is these days. It's tough to make both ends meet."

From the Boston Post Magazine: "The old excuse that 'nice guys' are hard to find is unmitigatedly malarkey. Boston has hordes of them. The reason you are still single is because you haven't exposed yourself in the right places."

An American couple decided to send a play-pen to a friend in northern Canada on the arrival of her fourth child.

"Thank you so much for the pen," she wrote them. "It is wonderful—I sit in it every afternoon and read, and the children can't get near me."

An hour's ride from San Antonio is Comfort, Texas, flanked by two other little villages, Alice and Louise. The single auto camp bears the following slogan: Sleep in Comfort, between Alice and Louise.

John J. Theobald Inaugurated President

John J. Theobald, Theta '27, has found an unusual occupation for an engineer. On October 11, 1949, he was formally inaugurated as President of Queens College of Flushing, New York in the presence of nearly 900 educators, guests, and students. Brother Theobald had formerly served as



Brother Theobald Receives Congratulations from Princeton President

Dean of Administration at City College of New York.

In his inaugural address Dr. Theobald said that "Queens College as an American Institution of higher learning and even more particularly as a publicly supported institution, with a student body of unusually high intelligence, has as a prime responsibility the preparation of young men and women for forceful and alert citizenship." He went on to say "if our formal education for citizenship is to have more than passing meaning, it must be coupled with an opportunity to prac-

tice democratic living. At the college level much of this opportunity must be provided through the medium of enriched extracurricular activities." Dr. Theobald then warned the assemblage of the danger that "lies in the technique of the extremists who emphasize and make political capital of the historic tensions between the various groups in our society in an attempt to divide and conquer." To combat this danger Dr. Theobald suggested that the "attitudes of our institutions be pointed toward real mutual understanding." To combat dangers to our type of civilization, Dr. Theobald pointed out that "the outstandingly competent and fine men and women who constitute my colleagues and my co-workers at Queens College, will sincerely bend every effort to prepare the young men and women of our student body to make this great city, state, and nation of ours an even better, stronger place in which to live and a more potent influence for good in the world."

The inauguration ceremonies were held in brilliant sunshine under a beautiful blue sky in the Quadrangle of the college campus immediately to the west of the Administration Building. More than 160 delegates from universities and colleges all over the United States attended the proceedings. Harvard University has the distinction of being the oldest university represented. Approximately 700 other guests attended. Mr. Henry E. Schultz (Flushing), Chairman of the Queens College Administrative Committee of the Board of Higher Education, welcomed the new president on behalf of the Board of Higher Education.

Brother Dexter Hinckley, former Grand Inner Guard, represented Theta Tau at the ceremony and personally

greeted his former classmate, "Johnny."

Theta Tau Congratulates

A partial list of Theta Taus who have recently moved to key positions appears below. Additional information for most of them can be found in the Alumni Notes.

John Jacob Theobald, Theta '27,
Installed as President of Queens
College, Flushing, N. Y.

E. H. Snyder, Beta '12,
President, American Zinc Institute

Gloyd M. Wiles, Epsilon '23,
District Mgr., St. Louis Smelting
and Refining Division, National
Lead Co., New York City.

Edward Dunlaevy, Eta '24,
Vice President, Phelps-Dodge Cop-
per Products Corp., New York.

Curtis E. LeMay, Sigma '32,
Lt. General, USAF, in charge of U.
S. Strategic Air Command, Offutt
Field, Omaha, Nebr.

Ben F. Zwich, Gamma '29,
Vice President, Huskey Oil Co.,
Calgary, Alberta, Canada.

Joseph Parnel Caulfield, Lambda '22,
General Superintendent, Hudson
Bay Mining & Smelting Co., Flin
Flon, Ontario, Canada

Arthur Dwight Hyde, Theta '27,
Vice President and Director of
Mfg., General Mills Co., Minneap-
olis, Minn.

Thornton Davis, Theta '17,
President, Linda Petroleum Co., San
Antonio, Texas

Ronald O. Swayze, Iota '20,
Manager of Production, General
Petroleum Corp., Los Angeles,
Calif.

Lloyd V. Berkner, Alpha '27,
Special Assistant to Secretary of
State, Washington, D.C.

Walter Lawson, Beta '23,
General Manager, Phelps-Dodge
Corp., Ajo, Arizona.

A. Russell Mertz, Kappa '22,
Manager, Cerro de Pasco Copper
Corp., Peru, South America.

Charles M. Brinkehoff, Theta '25,
General Manager, Chile Exploration
Co., Chuquicamatam, Chile.

N. F. Koepel, Beta '18,
General Manager, Andes Copper
Mining Co., Chile, South America.

Richard J. Russell, Epsilon '19,
Dean of the Graduate School, Louisi-
ana State University, Baton Rouge,
La.

A Resolution

Adopted by the Professional Interfrat-
ternity Conference at its Thirteenth
Biennial Conference, held on Sat-
urday, March 6, 1948, at the Morris-
son Hotel in Chicago, Illinois.
WHEREAS, the Professional Inter-

fraternity Conference has a member-
ship of 28 of the leading professional
fraternities of the United States with
a total combined membership exceed-
ing 400,000;

WHEREAS, the objects and prin-

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

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

WHEREAS, professional fraternities are also social fraternities within their respective professions and their activities embrace many social affairs, including the holding of luncheons and smokers; dinners and dinner dances, both formal and informal; golf tournaments; swimming parties; and, other usual types of social activities;

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

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

WHEREAS, professional fraternities are not public or quasi-public institutions;

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

WHEREAS, the members of this

Conference favor the continuance of the privilege of any group or groups affiliated with any profession to organize a professional fraternity in any lawful manner as determined by the members thereof; and when duly organized petition for membership in this Conference;

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

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

RESOLVED, that the professional fraternities who are members of the Professional Interfraternity Conference hereby go on record in asserting their right to determine for themselves, and to maintain, lawful qualifications for membership in their respective organizations, and hereby authorize and direct the officers of this Conference to take such action as they may consider reasonable and necessary to maintain these established principles, notwithstanding the efforts being made by individuals, groups or institutions in attempting, without authority or law, to compel professional fraternities to eliminate or to change such qualifications as a condition precedent to its organization, reactivation, or the continued existence of chapters at any school, college or university.

BE IT FURTHER RESOLVED, that the officers of this Conference are authorized and directed to cause

the foregoing resolution, together with its preamble, to be forwarded to any person, persons, organizations or institutions for the purpose of informing them of our reasoned conclusions on this subject and our

united determination of maintaining our rights and privileges under the laws of the United States and the respective states and territories thereof.



Gordon White Forms Own Company

Gordon H. White, Epsilon '25, recently resigned from the Shell Oil Co. to join the ranks of the independent operators. He has incorporated his own company under the name of the Niles Oil Co., with headquarters at 1406 M & W Tower Bldg., Dallas, Texas. His work with Shell had taken him to many of the oil producing areas of this country; in 1939 he was sent to the Hauge, Holland, returning to the Houston office in mid-1939.

James Macdonald Goes To S. D. Mines

James Reid Macdonald, Epsilon '40, of the University of California, Berkeley, has been named as Assistant Professor of Geology and Curator of Vertebrate Paleontology at the South Dakota School of Mines and Technology Museum.

The scientist received his B.A., M.A., and Ph.D. degrees from the University of California, where he has served as museum and laboratory assistant since 1945. The new member of the museum staff will teach courses in Geology and will engage in field work and research in Vertebrate Paleontology. It is expected with the extensive field facilities and very complete museum collections that the position of the school in paleontological

research will be greatly advanced through the joint efforts of the present staff and Brother Macdonald.

During the war Brother Macdonald was an officer in the U.S. Army, serving as an assistant professor of military science and tactics at the University of California for one year and later in New Guinea and the Philippines.

Author of numerous articles on paleontology, he has been regional editor of the Society of Vertebrate Paleontology *News Bulletin* for the past two years. He is a member of Sigma Xi, the Society of Vertebrate Paleontology, Society for the Study of Evolution, and the Paleontological Society.

The Hardrock

Robert W. Osterholm Promoted

Robert W. Osterholm, Delta '28, was promoted to succeed A. N. Prentice as managerial assistant at Ohio



Power. In 1931 he became a substation engineer for the Company. Brother Osterholm was promoted and transferred to Bucyrus as a power engineer

in 1934, later to the position of commercial-industrial manager at Tiffin. In 1942 he was placed in charge of the commercial-industrial activities of Canton Division of the company and after two years in this position he was named industrial agent for the entire Ohio Power Co.

In this work, he became prominent in both state and national efforts to bring new industries to Ohio. For the past three years he has served as Chairman of the Industrial Development Committee of the Ohio Chamber of Commerce. He was a member of the National Industrial Development committee of the Society of Industrial Realtors in 1947. He also served on the Industrial Development Planning and Investigating committee for Governor Frank Lausche in 1945 and 1946 and for Governor Thomas Herbert in 1947.

During the five years Brother Osterholm headed the Industrial Development program for the Ohio Power, he assisted in the location of 36 new industries in the area served by his company.

Case Alumnus

A. B. Austin Manages Explosives Office

Arthur B. Austin, Gamma '31, formerly assistant manager of the Hercules Powder Co. explosives office in Chicago, Ill., has been named manager of the Joplin, Mo., explosives office. Brother Austin has been assistant manager of the Chicago office since 1947. Prior to that, he was a member of the technical service staff of the Joplin office for four years.

Brother Austin joined Hercules in

1933 in the explosives service division in Wilmington, Del., after graduating from the Colorado School of Mines. During the next 14 years, he served as a sales and technical service representative in Explosives Department districts under the Hazelton, Pa., San Francisco, Calif., Joplin, and Wilmington offices.

Mines Magazine

Max Monheim New District Plant Engineer

Max Monheim, Omega '29, District Plant Engineer, Northwestern Bell Telephone Co., Aberdeen has returned to Rapid City to be the District Plant Supervisor of the Rapid City District.

Following his graduation in 1929, Max spent one year at the Mines as an instructor in Math, and then went with Northwestern Bell with whom he had worked in previous summers. He was engaged in construction and engineering work in Nebraska and South Dakota, with headquarters in Omaha, for the next ten years.

Since "V-J Day" they have had the largest expansion program in telephone history to meet increased service requirements. Brother Monheim has been occupied mainly with the design of

new equipment and replacing plant facilities involving pole line, wire circuits, cables, etc., together with the



preparation of cost estimates and recommendations covering the expenditures.

The Hardrock

Roland O. Hartman Supervises Lab

Roland O. Hartman, Delta '33, has been appointed supervisor of the research laboratory of the American Steel & Wire Company, located at the Company's American Works, 1230 Marquette Road, Cleveland. He has been a member of the research staff since

June 1936. Brother Hartman started with the American Steel & Wire as a research laboratory assistant, was named research metallurgist in 1943, and research engineer a year later. He is married, has a son and a daughter and resides at 4387 W. 63rd St.

George Kiersch Goes With Corps of Engineers

George A. Kiersch, Gamma '42, since January 1948 has been associated with the underground explosion test program of the Corps of Engineers. He has a geological engineering degree from the Colorado School of Mines, and a Ph.D. in mining geology and engineering from the University of Arizona. Brother Kiersch has been a miner, surveyor, and mine geologist. He was, for two years, a teaching

fellow at the University of Arizona's geology department, and after completing his doctorate, went on to teach economic geology at the Montana School of Mines. Now a Junior Member, he joined the A.I.M.E. as a Student Associate in 1938, during his freshman year at the Colorado School of Mines.

A.I.M.E.

Vernon Neubert Wins Swope Fellowship



Vernon Herbert Neubert, Nu '48, Tau Beta Pi Fellow No. 94, has just completed a year's work under Dr. F. T. Mavis (Honorary Omicron) for his Master's Degree at Carnegie Institute of Technology. In 1948 he was elected the "Most Promising Senior Engineer" at Carnegie. The General Electric Fellowship Foundation has awarded him a Swope Fellowship for the coming year. Under it he plans to continue his work in vibrations toward a doctorate.

Captain Richard L. Tatum Transferred

Captain Richard L. Tatum, Rho '41, was transferred recently from Langley Air Force Base, Hampton, Va., to Air Materiel Command headquarters, the USAF research and development center located in Dayton.

Captain Tatum, who served at Wright-Patterson in 1942 with the Engineering Division Photographic Laboratory, has been reassigned to the division's Electronic subdivision.

A native of Statesville, N.C., Captain Tatum is a 1937 graduate of Needham Broughton high school,

Raleigh. In 1941, he was graduated from North Carolina State College with a B.S. degree in chemical engineering. While in college he was a member of the band and Mu Beta Psi, music honorary, and Gamma Sigma Epsilon, chemistry honorary.

In civilian life, Captain Tatum was employed as a research chemist by the E. I. DuPont photographic division at Paulin, N.J. During World War II he saw active duty for 23 months as a C-47 pilot in the China-Burma-India theater.

Denton T. Doll Goes To Los Alamos

Denton T. Doll, Delta '27, former professor in the metallurgy department, has accepted an assignment to the U.S. atomic project in Los Alamos, New Mexico. Though he is not permitted to describe any of the intimate details concerning his new job, Brother Doll says his duties will largely be devoted to supervision and research in the chemical, metallurgical and ceramics divisions. His work will be closely associated with the development of materials for use in atomic weapons.

After graduating from the metallurgy department, he was employed in the sales training department of the Aluminum Co. of America. Later he took a job with the Highway Construction Co. and from 1932 to 1940 was a member of the faculty at Youngstown College, leaving there to join the metallurgy department here, where he remained until January 1948. He then joined the Brush Beryllium Co. in Cleveland as assistant to the director of development.

Care Alumnus

A. S. Donnelly "Veep" of Honolulu Oil

Alden S. Donnelly, Gamma '28, was elected a vice president and a member of the board of directors of Honolulu Oil Corporation, at the annual meeting of the stockholders of the concern held in San Francisco.

He has been general superintendent of Honolulu's Mid-Continent division for several years, and will now be manager of operations for the division.

Brother Donnelly has been with Honolulu more than 20 years. After finishing elementary and high schools in Denver, Colo., he attended the Colorado School of Mines, and graduated from that institution with a degree of geological engineering in May 1928. He majored in petroleum engineering at the college.

He was employed as a plane table instrument man on surface geology, and later as a surface geologist, in Colorado, Wyoming, and Western Mines and before coming to Midland, Texas, in September 1928, as assistant surface and subsurface geologist on work for Honolulu, when it entered West Texas.

He has been employed as a geologist, scout, development geologist, division engineer, and general superintendent successively since 1928, by the con-

cern. During all that time he has been located at the Honolulu's Mid-Continent division headquarters in Midland.

Brother Donnelly is a registered professional engineer in Texas. He is a member of the American Association of Petroleum Geologists, American In-



stitute of Mining and Metallurgical Engineers, American Petroleum Institute, Independent Petroleum Association of America, and is a fellow in the Geological Society of America. As an undergraduate, he was a member of Sigma Alpha Epsilon, Social Fraternity, and Tau Beta Pi, Honorary Fraternity.

Mines Magazine

Robert L. Zahour Rejoins Westinghouse

Robert L. Zahour, Delta '23, formerly technical-commercial manager of the North American Philips Company's wire division, has rejoined the Westinghouse Lamp Division at Bloomfield, N.J.

Brother Zahour enrolled in the Westinghouse Lamp Company's student engineers' course in 1923, be-

came an illumination engineer in the lighting department where he conducted lighting schools, gave lecture-demonstrations and supervised research for new lamp applications. In 1935, he left Westinghouse to head up lighting and rural electrification promotion for the Connecticut Light & Power Co. in Hartford.

When World War II began, he was appointed executive assistant and chief engineer of the Newark Safety Council. Two years later, he joined North American Philips with headquarters in New York City.

Brother Zahour is a registered professional engineer in Connecticut, New Jersey, and New York; a member of the New York Section of the Illumin-

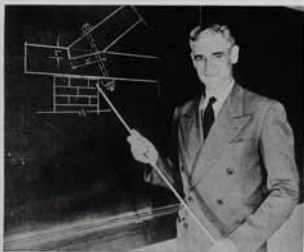
ating Engineering Society, a charter member of the Connecticut Section, I.E.S. and a member of the National Society of Professional Engineers. He is a member of the board of directors, Bloomfield Safety Council and chairman of the Troop 4 Committee, Boy Scouts of America. He lives at 406 Watchung Ave., Bloomfield.

Cave Alumnus

W. F. Schofield Author of Book

Brother W. Fleming Schofield, Zeta '34, neering professor of Civil Engineering at the University of Arizona, is a co-author with W. H. O'Brien, Engineer, Southern Pine Association, of a new edition of "Modern Timber Engi-

Properties, Loads and Stresses, Fastenings, Beams, Columns, Trusses, Decks and Bridge Floor Systems, Glued Laminated Lumber, Round Timber Piles, Wood Preservatives, Fire Resistance of Wood Construction. In addition to the



neering." This text is published by Southern Pine Association of New Orleans, Louisiana, and consists of 147 pages. There are eleven chapters with the following headings: Structure and Characteristics of Wood, Strength

above named chapters there are 19 Tables in the appendix. These comprise data relative to timber.

Professor Schofield was co-author with H. J. Hansen of a similar text entitled "A Course in Modern Timber

Engineering." This book appeared in 1942 and was revised in 1946. Sixty-five engineering schools adopted the old edition and "Modern Timber Engineering" in the 1949 edition is being received with even greater enthusiasm.

Professor Scofield came to the University of Arizona in 1946 as Associate Professor of Civil Engineering. Previous to coming to the U. of A. he taught two years at the University of Kansas, two years at Rice Institute and four years at Tulane. In addition to this he was connected for five years with the Kansas State Highway Com-

mission in sub-professional work and as Resident Engineer. He was also connected with Lockwood and Andrews, Consultant Engineers and Swift & Company, in the capacity of engineer.

At the present time, in addition to his work in the Civil Engineering Department, Professor Scofield is field engineer and consultant for the Southern Pine Association. He also serves as secretary and chief examiner for the Louisiana State Board of Engineering Examiners.

Hamma Beam

Mines Alumni On Missouri River Dams

The construction of two large dams on the Missouri River, the Ft. Randall Dam near Lake Andes and the Oahe Dam near Pierre, will be most important to the industrial and agricultural development of South Dakota. Several Mines alumni hold key positions in the projects that are being carried out under the supervision of the Corps of Engineers.

John A. Trantina, Omega '38, is Chief of the Engineering Division, Ft. Randall Area. He is responsible for the directing, planning and coordinating of engineering activities in the branches of General Surveys, Drafting, Geology and Explorations and Special Studies in the Ft. Randall Area. He has direct supervision of 50 employees.

After being graduated from the School of Mines, Brother Trantina received a year of graduate training at the Missouri School of Mines and was a graduate assistant in the Department of Geology there. After leaving the Missouri School of Mines he was employed by the Corps of Engineers as field geologist in charge of subsurface

investigation on flood control projects in the Omaha District. He supervised core drilling, seismograph surveys and geological field parties in North and South Dakota, Wyoming, Montana, and Nebraska. He also has been assigned to special jobs for the Army, including the investigation of foundation conditions for the design of the



large concrete hangar now being built at the Rapid City Air Force Base. During World War II he was in the U. S. Army from 1942 to 1945 in charge of the Map Department of the Command and General Staff School at Ft. Leavenworth, Kansas.

Bill Grennells, Omega '37, is Assistant to the Office Engineer in charge of processing all modifications, pay-

ment estimates and progress reports. This work of construction of the dams is done under various contracts and the Corps of Engineers is responsible for seeing that the contract work is properly carried out. Brother Grem-

mels will soon be transferred to the Outlet Works and will be in charge of all computations for payment and report progress.

The Hardrock

Paul F. Maurer Cement Company Executive



Carnegie Alumnus

Paul F. Maurer, Nu '22, has been appointed to the position of operating manager of the Bath plant of Keystone Portland Cement Company. He will have supervision of all phases of plant management and engineering.

Brother Maurer's first business affiliations were with various coal mining operations in Western Pennsylvania. As assistant to the chief engineer of the Standard Lime & Stone Company, Baltimore, Md., he was engaged in engineering construction and operation of many phases of the rock products industry together with work in design and erection of plants in West Virginia, Ohio and Illinois, associating himself seventeen years later with the Keystone Portland Cement Company as general superintendent of the Bath plant.

A symphony conductor was rehearsing a difficult solo passage for the flute. After going over it many times the conductor rapped for attention. "We can't stay on this any longer—we must go on now to the second movement." He turned to the flutist. "You'll keep in touch with us, won't you?"

A plumber's truck in St. Joseph, Missouri, suggests: "Let us keep your wife in hot water."

A department store had sent a lawnmower to a suburbanite who had ordered one, and about a week later received an angry letter from him. The letter excoriated the department store for neglecting to send the handle of the lawnmower.

The man closed with vows never to patronize this particular store again. Then came an amazing Post Script.

"Never mind," wrote the buyer. "I found the doggone handle in the box."

Letters To the Editors

2901 Dunmurray Road
Baltimore 22, Maryland

Dear Brothers:

For many years I've been meaning to send you my correct address so I would obtain copies of "The Gear" with news of my friends, most of whom I've lost contact with. While cleaning out my closet I came across the Fall '42 copy which prompted this letter.

For the past six years I have been a metallurgical contact representative with the Bethlehem Steel Co. and in the course of my travels no doubt come close to meeting many of my brothers from Nu Chapter. In fact, I did meet Bill Froelich, Nu '41, in the Penn Station at Pittsburgh about a year ago.

I would like to know the address of Frank Truslow, Rho '40, who formerly worked at Bethlehem's Sparrows Point plant.

I hope that none of the brothers will pass through Baltimore without giving me a call.

Yours in H & T,

Joe Link, Nu '40

We have 104 Shepherd St., Raleigh, North Carolina, for Brother Truslow. Hope you find him there.

144 Devon Road
Rochester 11, New York
September 19, 1949

Dear Brother Howe:

I would like to inform you of my new address. I hesitate to cut the blank which is enclosed on the last page of the GEAR as I would then be returning to you part of the Omega news, and being I am an Omega alumnus I would like to keep this section intact.

My present mailing address is given above, my permanent address being Box 597, Reliance, South Dakota.

Since graduating from the South Dakota School of Mines and Technology this year, I have been working with The Eastman Kodak Co., Rochester, New York. My duties with Kodak are in the Kodiacolor Print Department where I am doing quality control work.

Marvin E. Peterson, Omega '48, is staying at the same address with me and is also employed in the same department at Kodak. Between us we try to keep up with the latest happenings in South Dakota.

I am looking forward to receiving the Fall edition of "The Gear."

Yours in H & T,
Don H. Schoenler, Omega '49

There are a number of Theta Taus with Eastman, Brother Schoenler, several of them "big shots" like Clearman, Folwell, and Reid.

September 4, 1949

Dear Brother Howe:

I am now a mechanical inspector for the Bureau on the Davis Dam out here in the wilds of Arizona. I have not met as yet any good Theta Taus (not even one). I would like to be placed on the mailing list for the GEAR. General Delivery, Kingman, Arizona will get it to me.

I will write to Lauenby and the rest of the fellows after classes begin. I suppose you are making plans already for another hectic year of school. Say "Hello" to the people for me.

Richard Kidd, Jr., Omicron '49

Glad to hear from you, Dick. Hope you come across a Theta Tau soon.

3121 Baugh Avenue
East St. Louis, Illinois
October 14, 1949

Dear Brother Howe:

I wish to advise you of my current address. Although this is our third address in as many months, we are now situated more permanently for awhile.

After recuperating (mentally) on my father's farm for a month my wife and I left to search for work. Our first major stop was St. Louis where I became employed by the Emerson Electric Manufacturing Co. at their Washington Park plant. Washington Park is a suburb of East St. Louis, and on certain days the former is plagued by a nearby chemical plant and the latter by the local stock yards. Nevertheless, I like the work quite well.

We attended the marriage ceremonies of Brother Alan D. Nichols, Omicron '49, on September 3 at West Liberty, Iowa. As you probably know, Al is with the Minneapolis Honeywell Regulator Co. of Minneapolis, Minn.

Yours in H & T,

Cecil L. Goodman, Omicron '49

Living there will be all right when you have a cold. Glad you have a good job, Brother Goodman.

Hansie, Rhode Island
50 Brewster Drive
October 8, 1949

Dear Brother Howie:

Since my release from the C.E.C. in the Navy in 1946, I have been with the Gilbane Building Co. in Providence as an engineer and for the past two years as a construction superintendent and estimator. It is, I feel, a very aggressive company and run by two brothers about ten years older than I am. We will complete about 20 million dollars of construction this year and are still growing. You have probably heard of the precast concrete method of constructing buildings. We have done about 11 million of that type of work, a large portion of which was done for the University of Connecticut at Storrs, Conn. We are doing all types of building construction and repairs. The work is very interesting and the long hours go by rather pleasantly. We get so many types of buildings to estimate and build that the work never becomes monotonous. The unions are rather hard to cope with, but conditions are gradually improving and production is coming up slowly.

Haven't seen many of the old Iowa gang lately. Did see Al Holmsberg at the Boston-

Iowa game last year. My brother sent me notice of the arrival of Howard Jr. on August 28 in Burger, Texas. He is still with Phillips in their research department.

We flew out to Iowa last January but did not get to Iowa City because of the bad weather. Would certainly like very much to turn back the clock for a little while and sit in on a few of your water power classes.

Ed Jr., aged 2, is helping me write this while his mother is out shopping, so please excuse blots, mistakes, etc. He is like a box of coiled springs just released.

Was talking to the President of the Burger Investment Co. the other day. He informed me that Professor Holt is at Worcester Tech. Must look him up soon.

Give my regards to the various faculty members and would appreciate hearing from you when your busy schedule will permit.

Yours in H & T,

Ed Burman, Omicron '41

Now that the class room has been acoustically treated the present-day students rest even better than you did in Water Power, Ed. Glad to hear from you again.

In Memoriam

Charles Ransom Hill, Eta '13, transfer from Gamma, died in his sleep from a heart attack on December 1, 1948. He was born in Iowa City, Iowa, on May 29, 1887, the son of Dr. Richard W. Hill and Sarah Ransom Hill. After leaving grammar school he entered Hotchkiss School and graduated there in 1906. He then went to Yale but failing health persuaded him to go west and he entered the Colorado School of Mines in 1908 graduating as a mining engineer in 1912. He then entered the Massachusetts Institute of Technology and received his S.M. in 1913. During the first world war he served with the 302nd Bn. Tank Corps, AEF. From 1913 to 1914 he was with Besden Copper Co. in South America, then with the New Balance Gold Mining Co. at Trojan, S. Dakota and with the Dorr Co. in Denver. After the war he went to Venezuela for the New England Oil Corp. and from 1923 to 1949 was with the Standard Oil Co. of New York. At the time of his death he was with the Yale & Towne Mfg. Co. in Stamford, Conn. He was a member of St. Anthony (Delta Psi) and of Tau Beta Pi. He was never married and lived at the Yale Club in New York City. Surviving is a brother Levering Hill, 46 Via Somma Donata, Genova-Nervi, Italy.

Herbert Loren Willson, Beta '49, died of tuberculosis in a Veterans' Hospital on January 21, 1949. He was born in Boyne City, Michigan on January 14, 1924, and graduated there from High School where he was very much interested in athletics. He joined the armed forces immediately after High School graduation and was in the mechanical services of the Marine Air Corps at Cherry Point, N. C. In 1944 he was given a medical discharge from the service. He enrolled at Michigan Tech in the fall of 1945 but due to his condition remained active in the chapter only a little over one term. He then re-entered the hospital and his mother wrote to the Grand Scribe that one of his ardent wishes was that he would get well enough again to go to Houghton and visit Beta chapter. Funeral services were held in Boyne City. His mother, Mrs. Esther Willson, 604 Mt. Pleasant Avenue, Boyne City, Mich., two brothers and two sisters survive.

Clarence Eugene Martin, Omega, '21, age 48, died at his home in Rapid City, South Dakota, on May 7, 1949. He had just returned from a Convention in Los Angeles. He was born in Osceola, S. D. but while a child his family moved to Fresno, and later he attended

Shattuck School in Minnesota. At college he was a football and track star and was one of the founders of the local that received the Omega chapter charter from Theta Tau. On graduation he joined the faculty and taught metallurgy and also managed the college supply store. He was a member of the S. D. National Guard and for twenty-five years was a member of the Board of Control of the S. D. School of Mines. The chapter has lost a valuable friend. Surviving are his widow, Emma Backens Martin, a daughter, Judy, 7, two sons, Todd 16, and Ricky 5, his mother and two sisters and one brother. Funeral services were held at the Zion Lutheran Church in Rapid City on May 7th.

Russell Carlow Hammon, Zeta '31, age 42, died in Oklahoma City on March 2, 1949, of stomach cancer. Except for slight indigestion from which he had suffered slightly for about 11 years, he had no serious symptoms until about two weeks prior to January 1, 1949, when he first received medical attention. Russell was born in Hamilton, Ill., on October 22, 1906, the son of Mr. and Mrs. Harry H. Hammon. Before coming to the University of Kansas he attended Carthage College. He was initiated by Zeta on October 21, 1923, and graduated as a mechanical engineer in 1931. After graduation he entered the employ of the Gardner-Denver Co., and was with them in Tulsa, Okla., for some years after which he went to Flint, Mich., where he worked for the Buick Motor Co. He came to Oklahoma City in January 1944 from Wright Field where he received his discharge as Captain in the Air Force. He had entered the service in 1942. At the time of his death he was employed by the Corliss Machinery Co. of Oklahoma City. On July 21, 1937 he was married to Mable Duncan who survives with four children, Sally Elaine 8, Marjorie Jane 4, Janice Lorraine 2, and Russell Duane 11 months. Funeral services were held in Hamilton, Ill. The family home is at 2111 Dorchester Drive, Oklahoma City, Okla. The Fraternity extends its sympathy to the family of this fine Theta Tau and mourns his untimely death.

Frank Conway Cuffe, Epsilon '25, died in the St. Francis Hospital in San Francisco on June 16, 1949, age 48. He was the son of Mrs. Mary Cuffe of San Rafael and the late Major T. P. Cuffe, U.S.A. and was born on July 28, 1900, at Columbia Barracks, Quinsada, Cuba, where his father was then stationed. He entered the University of California from San Rafael in September 1918 and graduated as a mining engineer in 1923. For many years he was a member of the firm of Dulliver & Cuffe of San Rafael and was engaged in highway and other construction

work. In 1938 he built the first dragline dredge for gold placer work on the Consumes River and was the President of the River Pines Mining Co. of Plymouth, Calif., operating a dredge in that vicinity. Some years ago he moved to Sacramento where he continued his profession of mining engineering. Funeral services were held in San Rafael on June 18. Surviving are his mother, his wife, Octavia, and three sons, Frank C. Jr., Marshal J. and Thomas T., and a brother, Thomas E. Cuffe of San Anselmo, President of the Pacific Far East Lines. The family home was at 1345 46th St., Sacramento 16, Calif.

Herman Wilcox Burton, Lambda '26, age 43, died of self inflicted wounds on August 29, 1949, near the Pioneer Memorial Highway at Salt Lake City, Utah. He was born in Salt Lake City and after high school entered the University of Utah where he graduated as a mining and metallurgical engineer in 1926. He then entered the employ of the Nevada Cons. Copper Co. at Ruth, Nevada, and remained there until the mines were closed during the depression when he went to Baguio, Philippine Islands as assistant mine superintendent of the Balatoc Mine. During the war he spent 17 months as a Japanese prisoner in Santo Tomas and this seriously affected his health. He returned to the United States and in November 1945 went back to Baguio as mill superintendent for Benguet Cons. Mines. In July 1949 he had a nervous breakdown and was given a leave of absence and returned to Salt Lake City. He had become very dependent because of ill health. Private funeral services were held in Salt Lake City on September 1st. Surviving are his father, H. K. Burton of Salt Lake City, his widow, Alice Beck Burton, a son, Michael Francis, a daughter, Mary Frances, and two sisters.

Charles Cushing Ladd Jr., Eta '36, died May 6, 1949, while on a business trip to Dallas, Texas. He was born in Bar Harbor, Me., on May 3, 1907, and graduated as a chemical engineer from M.I.T. in 1930. After graduation he was employed by the Compressed Gases Inc. of Cleveland, Ohio, but having studied law at Fordham University before going to Cleveland he became a patent lawyer and a member of the firm of Blair Curtis & Hayward, now Curtis, Morris & Stafford, 60 East 42nd St., New York City. He served in the armed forces in World War II and retired as a Lt. Colonel U.S.A.

Russell Johnston Parker, Gamma '19, was instantly killed on September 9, 1949, in an airplane disaster near Quebec, Canada, together with the President and other high off-

cials of Kennecott Copper Co. Brother Parker was born in Olney Springs, Colo. on August 11, 1887, the son of D.W. and Sarah J. Parker. After graduating from West High in Denver in 1911 he entered the Colorado School of Mines where he graduated in 1919. He was a member of Tau Beta Pi. In 1927 he married Mildred Best, in London, England. After graduation he entered the employ of a mining company in Belgium Congo and remained there until 1921. He then became an exploration engineer for the Selection Trust Ltd., in Rhodesia and mine manager for them until 1941. He then moved to London and was managing director for Selection Trust and all of its various large properties in Africa and elsewhere. In 1942 he became assistant to the President of Kennecott Copper Corp. and in 1946 moved up to No. 3 Post as Vice President of Kennecott and President of the Quaker Iron and Titanium Co. now exploring the enormous new deposits in Canada. The family home is at "Wynchwood," Polly Park Road, Rye, New York. Surviving are his widow, two sons, Michael and Patrick, one daughter, Ann, and two brothers.

Calvin James Deen, Epsilon '21, age 40, died at his home in South Pasadena, California, on May 8, 1949. He was born in Fullerton, Calif., on September 8, 1899. After a year at Cal Tech, then known as Throop Polytech, he came to the University of California and graduated as a mining engineer and geologist in 1923. He played for three years on some of the famous football teams of those days and was elected to most of the honor societies on the campus. He entered the employ of the General Petroleum Corp. almost immediately after graduation. On November 28, 1923, he was married to Miss Jewell D. Deen. For the next two years he worked in the oil fields near Fullerton. In 1925 he became an assistant geologist in the Los Angeles office and in 1926 moved to Bakersfield where he worked for six years as a geologist and petroleum engineer. In 1941 he returned to the headquarters of the General Petroleum Co. in Los Angeles and in 1945 went to Venezuela as chief petroleum engineer for Summy Vacuum of Venezuela but returned after two years because of ill health and apparently was much worse off than any of his associates suspected. He was a Senior Petroleum Engineer for General Petroleum Co. at the time of his death. The family home is at 1632 Huntington Drive, South Pasadena, Calif. Surviving are his widow, and two daughters.

John Burr Parr, Delta '28, died of pneumonia in Idaho, Calif. on August 14, 1949. He was born and raised in South Bend, Indiana the date of birth being March 21, 1898.

He served in the armed forces in World War I and saw service in France and with the army of occupation in Germany. He had originally entered Case in 1917 and returned there after the war and some years of business activity. At the time of his initiation he was over 30 years of age, married, and had a baby boy, an unusual condition in those days. He was a star athlete at Case in football and an excellent student and was elected to Sigma Xi. He received his B.S. in Mechanical Engineering in 1928 and shortly thereafter moved to Casper, Wyoming, where he was the owner and manager of the Casper Nath Motor Co. When war started and the automobile business became poor, he moved to Boulder, Colorado, where he was with U.S. Gypsum Co., and in 1942 he moved to Midland, California, where he was plant superintendent for U.S. Gypsum. In November 1944 he was married again to Mrs. Jewell Ewell of Blythe, Calif. and became active in the management of Ewell's Department Store in Blythe. Several weeks before his death he fell and injured a foot. It was decided to have him go to Los Angeles for treatment but he was unable to continue his trip beyond Idaho and died in the hospital there. Interment was at Forest Lawn cemetery in Los Angeles. Surviving are his son, John B. Parr, Jr. of Boulder, Colo., three stepdaughters, Edalyn, Betty, and Nancy Ewell, his widow, and a young son Bill Parr.

Theodore Harvey Barrett, Theta '14, died in Brooklyn, N.Y., on March 16, 1948. His home town was Forest Hills, N.Y. He received an A.B. at Columbia in 1910, and his E.M. in 1914. After graduation he was an instructor at Case for a time and then entered the army serving as 1st Lt. 24th Engrs. A.E.F. until the end of the war. He was married on November 29, 1919. For a short time he was with the Wamsan Mining Co. in Ouray, Colo. and then with Utah Metal & Tunnel Co. in Bingham Canyon, Utah. He then returned to Forest Hills, N.Y. and was a valuation engineer for the U.S. Treasury Dept. until 1925, when he became Sales Engineer for the Biscuit Co. of Philadelphia. He remained with them until 1937 when he joined the Sawtooth Co. of Boise, Idaho until 1941 when he went to Saudi Arabia where he was mine superintendent for the Saudi Arabian Mining Syndicate, Mahed Dahab, Jidda, until 1948 when he became professor of mining at Robert College, Bobek P.K.S., Istanbul, Turkey, but during his service in Arabia he retained a U.S. address at Apt. 121C, Larchmont Acres, Larchmont, N.Y.

Ralph William Van Velkinberg, Omicron '21, and former member of the Executive

Council of Theta Tau, died suddenly while shaving the morning of May 6, 1949. Ralph was born in Keokuk, Iowa, the son of Walter and Marie Van Velkinberg. He attended Carthage College before going to the University of Iowa, where he graduated as a civil engineer in 1923. He was initiated by Omicron chapter on March 21, 1923, and was very active in chapter affairs. He joined the staff of the Kalman Steel Co. in Chicago after graduation and remained with them until 1934 when he was transferred to Bethlehem Steel Co. in Bethlehem, Pa. From 1934 to 1940 he lived in Westfield, New Jersey, and then moved to Los Angeles to become structural engineer for the Consolidated Western Steel Corp., 1700 Eastern Ave. and was with them at the time of his death. In 1927 he was elected Grand Inner Guard by the Fraternity Convention and reelected in 1931. He was active in the establishment of the Phi chapter at Purdue and took a great interest in fraternity affairs. He was a Lt. in the Q.M. Reserve, a member of Scabbard & Blade and the American Legion, was past president of the University of Iowa Alumni Association in Los Angeles and active in the Los Angeles Alumni Association of Theta Tau. The family home was at 3460 West Blvd., Los Angeles 42, Calif. Surviving are his widow, Thelma, and a 21 year old son, William. He was buried in Forest Lawn Cemetery in Los Angeles. Vin was a fine and loyal Theta Tau and his untimely death is mourned by all the members who knew him.

George John Koch Jr., Iota '12, died suddenly on Sunday, June 19, 1949, in the Naval Hospital in San Diego, Calif. while on active duty as a Naval Reserve officer. He was 41 years old. He was born in Shiloh, Illinois, on April 19, 1908, the son of George J. Koch and Mary Koch living at 703 N. Douglas Ave., Belleville, Ill. He attended McKendree College, Lebanon, Ill. for two years and then the Missouri School of Mines and Metallurgy for three years graduating as a chemical engineer in 1932. He joined the State Highway Patrol in August and remained with them until 1931 when he became a teacher and coach in the high school at Flat River, Mo. In June 1936 he again joined the State Highway Patrol working in the laboratory in Jefferson City until September 1940. He was commissioned in the Navy in 1942 and served in the Naval Intelligence Service until January 1946 and had the rank of Lt. Comdt. From January 1946 until June 1948 he served as a special agent in arson investigations for the National Board of Fire Underwriters. From June 1948 until the time of his death he was an instructor in Police Science at the University of Missouri in Co-

lumbia. He maintained an active commission in the Navy. Funeral services were held in St. Louis on June 27. Surviving are his wife, the former Louise Hale, who is now serving as official City Hostess in Columbia, and three children, George J. III, David, and Karlene. The family home is at 4 Ridgely Road, Columbia, Mo.

John Haviland O'Connor, Gamma '26, was murdered during the labor riots at the Signo XX Mine of the Patino Co., near Catavi, Bolivia, on May 28, 1949. As the result of long standing labor but chiefly political trouble, a mob of working men seized him and other engineers as hostages and before order was restored he and another American engineer were killed and several others seriously injured. Mrs. O'Connor insisted on going with her husband and was with him when he died during his endeavors to protect her and other hostages against what appeared to be certain death for all of them. John was born in Columbus, Ohio, on May 29, 1899. He attended Ohio University for one year and then joined the Marines in World War I. After the war he was employed in Central America and then went to the Colorado School of Mines where he graduated as a mining engineer in 1926. Then he went to Mexico on oil exploration and later to Persia where he was in charge of railroad construction. After three years he went to Brazil and the Argentine on various jobs and then was called back to Persia. From 1937 to his death he was in mining work in Colombia, and Mexico and finally in Bolivia, where he went in 1947. He was married to Helen Cananova in Baranquilla, Colombia in 1937. She has returned to her former home in Mexico and said that Americans can be very proud of the way these few engineers acted during the apparently hopeless hours when death was expected any minute.

Arthur Berkeley Yates, Epsilon '22, age 48, died suddenly in Montreal on May 18, 1949. He had just returned from Africa to receive the Barlow Memorial Medal of the Canadian Institute of Mining & Metallurgy at the recent annual convention of the Institute. He was born in Lead, S.D. where his father was manager of the Homestake Mine, on July 13, 1901, the son of Bruce Clinton and Ada Myers Yates. He received a B.S. in mining engineering at the University of California in 1922. After graduation he was a miner, sampler, and until 1928 geologist on exploration work for Homestake Mining Co. He then entered Harvard University and received an M.S. in geology in 1929 and his Ph.D. in 1931 and was appointed a research associate. In 1931 he joined the staff of International Nickel Co. in Copper Cliff, Ontario, and was

chief geologist for many years. Later he joined the New York office and in 1947 was with them at Cia Meridional de Minas, in Caracas, Venezuela. He was then sent to Africa by the company. He was married in Lead, S.D. to Bernyce Magdalena Shea on August 18, 1923. Surviving are his widow, and his children, Arthur Berkeley Jr., Barbara Marie, and Joyce Myers. He was a member of the A.I.M.E. and of Tau Beta Pi.

Walter Edward Norman, Omega '43, was killed while changing a tire on the highway, June 3, 1949. Born in Rapid City September 21, 1922, Brother Norman attended



schools there and was graduated from the South Dakota School of Mines and Technology in Civil Engineering in 1943. After graduation he was employed by the Boeing Air Lines in Seattle for two years then enlisted and served with the Army Intelligence Corps during the war. At the time of his death he was employed by Northern Colorado Steel Buildings, Inc., in Greeley, Colo. He is survived by his wife, Jeanne, now living at 836 Marion Street, Denver, Colo.; his parents, Mr. and Mrs. Thos. E. Norman of Rapid City, and three sisters and three brothers. Burial was in Denver.

David Pearall Clifford, Rho '28, age 43, Captain USA, retired, died suddenly at his home in Dunn, North Carolina, the afternoon of July 20, 1949. He suffered a heart attack shortly after returning from a fishing trip. He was a native of Dunn, the son of the late Judge C. Clifford and Annie F. Clifford. He graduated from Dunn High School and then entered Davidson College. Later he attended North Carolina State and graduated in 1928 as a civil engineer. For a number of years thereafter he was with the state highway commission. In 1931 he became superintendent of the Dunn Waterworks and served there until 1942 when he entered the army. He served in the Pacific Area as a Captain in the Sanitary Force. He suffered his first heart

attack in New Guinea in 1944 and was sent to Moore General Hospital in North Carolina and retired in 1945. In 1947 he was married to Dulcie Hill of Winston-Salem. Funeral services were held in the Dunn Presbyterian Church. Surviving are his wife, two sisters, and two brothers.

Harold Ward Gardner, Honorary Gamma, died suddenly at his home in Golden, Colorado, on July 19, 1949. He had just returned from a trip to Denver. He was born in Brookfield, Wisconsin, Nov. 28, 1877, the son of John W. and Dorothea Springstead Gardner. He graduated as a civil engineer at the University of Wisconsin in 1907, received his M.S. at the University of Kansas in 1911, and his LL.B. at Westminster College in 1928. In 1909 he married Ella Betts Waterbury in St. Paul, Minn. From 1905 to 1907 he was an instructor in Civil Engineering at the University of Illinois, from 1907 to 1908 he was at Wesleyan and from 1909 to 1913 at the University of Kansas, and then returned to Illinois to teach mechanics. In 1920 he became professor of civil engineering at the Colorado School of Mines and retained that position until he resigned in 1930 to enter private practice of law and engineering. He was initiated by Gamma chapter in 1922. He was a veteran of the Spanish American War and served two terms as a State Senator in Colorado. He is survived by his wife, a brother and a sister both of Seattle, Wash.

Paul Robert Carrigg, Omicron '40, Captain USA was killed in action on July 11, 1944, while serving with a combat engineers unit in Italy. He was born in Waterloo, Iowa, on October 30, 1918. After graduating there from high school, he entered the University of Iowa and graduated as a chemical engineer in 1940. His mother had moved to Iowa City to keep house for him but her present address is unknown. He joined the army early in 1941 and went overseas in 1943. He was commissioned a Second Lieutenant in June 1942. Surviving are his mother, his widow, and a brother.

John Lee Engels, Beta '22, died May 4, 1940, while en route from Shanghai, China, to Los Angeles. In 1915 he left Chicago and until early 1918 was a student at Michigan State College in Lansing where he was a member of Scabard & Blade. Then he joined the army and at the end of World War I, was Sgt. 104th Engrs. A.E.F. In 1919 he enrolled at the Michigan College of Mines and was initiated by Beta chapter. He left there before graduation and went to work for the Studebaker Corp. in South Bend, Indiana. In 1934 he was employed and living

in Chicago. Then he became field engineer for the Calumet & Hecla Cons. Copper Co. in Calumet, Michigan. At the time of his death the family home was at 112 Pewabic St., Laurium, Michigan. No further details are available at this time.

Adelbert Robert McLaughlin, Delta '11, chapter member, died suddenly of a heart attack at his home on May 22, 1949. He graduated as a mining engineer and immediately started to work for the Standard Oil Co. of Ohio, in Cleveland, and remained there until he retired five years ago. He was foreman for the company for many years. Surviving is his wife, Edna F., living in the family home at 1882 Sheraton Drive, Parma, Ohio.

Cecil Sidney Camp, Upsilon '29, was killed in an automobile accident near Ferriday, La., on October 16, 1949. Brother Camp was born in Marche, Ark., on September 17, 1907, the son of Mr. and Mrs. L. A. Camp. He graduated in Civil Engineering at the University of Arkansas in 1929, and received an M.S. in Hydraulics at the University of

Iowa in 1937. After leaving Arkansas he became instructor in C.E. at Oregon State College. In 1939 he was Assistant Professor of C.E. at Mississippi State College and after receiving his Master's was Assistant Professor of C.E. at Syracuse University until he became Professor of Hydraulic and Stationary Engineering at the University of Tennessee in 1941. In 1948 he became Director of the School of Hydraulic Engineering at Louisiana State University and held that position at the time of his death. Returning from a visit in Arkansas, together with his wife and their two sons, his automobile was struck by another car which swerved across the highway after striking a horse. All the occupants of the car were killed instantly. Bodies of the Camp family were taken to Stuttgart, Arkansas, for burial in the family plot. The tragic loss of the entire family left a deep feeling of sorrow in the community, and the University suffered a severe loss in losing the head of the department which has been undergoing rapid development. He was a member of Tau Beta Pi, Sigma Xi, ASCE, and American Geophysical Union.

T b e GEAR *o f* T H E T A T A U

OFFICIAL PUBLICATION OF THE FRATERNITY

F. L. MARCER, Omicron '21 and J. W. HOWE, Omicron '24

Editors

110 ENGINEERING HALL

IOWA CITY, IOWA

Subscription \$1.00 a Year

Life Subscription \$15.00

VOLUME XXXIX

FALL, 1949

NUMBER 1

"TAKE YOUR TIME, BOYS"

The tempo of American life seems to be steadily increasing from one generation to the next. In fact, the rate of increase seems to be increasing! Our grandfathers had many hours available for reflection or contemplation as they drove slowly to town behind their horses or sat by their hard coal stoves on winter evenings. In this time, they often arrived at a satisfactory faith in their goals and discovered a major purpose in their activities. Nervous breakdowns were not in style in grandfather's day.

Today, the average college man or college graduate never has a moment to ponder his situation unless, perhaps, his many duties cause him to lie awake at night. As he goes swiftly from place to place his car radio keeps his mind on the world's troubles and the teaming road demands his complete concentration. If, on rare occasions, his bridge club, technical meetings, entertainments, travels, etc., permit him to spend an evening at home, he has his ever present radio or television to occupy his waking hours. In fact, he will probably try to read or study and listen to the radio!

This atmosphere of speed and intense activity reflects itself in the performance of present day people.

They haven't time to be thorough. They read a digest of a book so that they may be "well informed". The student hurries through his assignment; he hasn't time to reflect upon what he has learned or to check the result he has obtained. (A Theta Tau Scribe, if he finds time to write a chapter letter, is not likely to check through his instructions to see whether all information requested has been provided.)

When the writer was a boy of twelve he was fortunate in securing a job as rodman for an old county engineer who was a man of great perception and integrity. He was also a good engineer—careful, thoughtful, and honest. One day the party went out to set grade stakes for a road contractor and at the end of the day had enough set to last the contractor for a week. However, in his thorough fashion, the old engineer went out the next morning to see that everything was in order. To his chagrin, he found that the contractor desired to start at the other end of the job and hence needed stakes. The party went promptly to the other end and got out the equipment. Before anything was done, however, the old engineer called the group together and said, "As you know, we are holding up the contract-

or until we can lay out this job. Now I want you to take your time, boys; we are in a hell of a hurry!"

This paradoxical statement, while puzzling at the moment, has proved good advice on many occasions since that time and we pass it on to the next generation. "Take your time, boys"—Get it right as you go along and you will get better results and get them quicker.

J.W.H.

THE VOICE OF EXPERIENCE

One of the compensations of experiencing a serious illness and at last recovering is that you can then truly appreciate the blessing of good health. So it is often by contrast that we can best appreciate many of the privileges we are rather prone to take for granted.

For instance this half of the Gear's editorial staff was unable to attend the Seventeenth Biennial Convention when it was held in Chicago in 1948, the first such Convention he had missed in some twenty years. Now, trying to catch up by diligently studying the minutes, and the Grand Scribe's sly asides and innuendoes (if you haven't read these, by all means do so), still leaves much to be imagined or to be pieced together by consultation with the half of the staff that did attend.

So it is with any organization or work in which you are deeply interested. If the procession is really rolling, any sessions you miss can be made up only at the expense of considerable effort. Few organizations stress regular attendance so much as does Rotary International. This stress pays off doubly, to the organization in making it one of great influence in world affairs, and to its individual members

in encouraging them to apply the same principles of attendance and punctuality to their other activities. By the same token, the several chapters of Theta Tau can strengthen themselves and their members by insisting on regular and punctual attendance at all of their business and professional meetings. Try it for a year and be convinced.

One more tip, to Executive Council members, don't miss a National Convention—and expect to make up by a simple reading of the minutes!

LOUISVILLE ALUMNI CLUB

Fraternity alumni associations are frequently rather fragile things. In this busy world of ours, other organizations and social obligations are likely to dim and eventually break ties which date back over ever lengthening years to college days. So, unless some real spark plugs are available, indifference becomes the rule and is readily understandable among general fraternity groups. With Theta Tau men, however, the professional interest they have in common adds material strength to the fraternal bonds. Even so, it is usually the untiring efforts and enthusiasm of one, two, or three men that keeps things moving. Fortunately we have several strong Alumni Associations who have demonstrated over the years that these groups can be of real value to their own members, to their nearby active chapters and to the Fraternity at large.

Accordingly we are glad to see the Louisville Alumni Club taking steps to become a full-fledged Association and sincerely wish them well in this important undertaking. May they speedily become another outstanding Theta Tau alumni group.

P.L.M.

Chapter Advisers

- ALPHA—Prof. Miles S. Kersten, C.E. Dept., Minnesota Institute of Technology, Minneapolis, Minn.
- BETA—Prof. L. F. Duggan, Michigan Tech., Houghton, Mich.
- GAMMA—Dr. L. W. LeRoy, Colo. School of Mines, Golden, Colo.
- DELTA—Prof. L. J. Reardon, C. E. Dept., Case Inst. of Tech., Cleveland, Ohio.
- EPSILON—Prof. E. W. Wisser, Univ. of California, Berkeley, Calif.
- ZETA—Prof. G. W. Bradshaw, C. E. Dept., Univ. of Kansas, Lawrence, Kans.
- THETA—Prof. N. S. Fiske, 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, 1911 Lake St., 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. A. Rohlich, 2102 Kendall Ave., Madison, Wis.
- OMICRON—Prof. Ned Ashton, Univ. of Iowa, Iowa City, Ia.
- PI—Dr. L. R. Quarles, Univ. of Virginia, University, Va.
- RHO—Prof. T. C. Brown, M. E. Dept., No. Car. State College, Raleigh, N. C.
- SIGMA—Prof. C. B. Smith, C. E. Dept., Ohio State Univ., Columbus, Ohio.
- TAU—Prof. Bart J. Conta, Syracuse Univ., Syracuse, N. Y.
- UPSILON—Mr. James W. Wiseman, C. E. Dept., Univ. of Arkansas, Fayetteville, Ark.
- PHI—Prof. J. B. Burnett, Purdue Univ., West Lafayette, Ind.
- CHI—Mr. Philip B. Newlin, C. E. Dept., Univ. of Arizona, Tucson, Ariz.
- PSI—Prof. C. L. Graverson, Mont. School of Mines, Butte, Mont.
- OMEGA—Prof. J. Kammerman, S.D. School of Mines, Rapid City, S.D.
- GAMMA BETA—Donald D. Blanchard, Business Mgr., Geo. Wash. Univ., Washington, D.C.
- DELTA BETA—Prof. M. G. Northrop, E. E. Dept., Univ. of Louisville, Louisville, Ky.

Additions to Membership

ALPHA

- 168 Julio Cordero, San Jose, Costa Rica
167 Richard Eugene Moehle, St. Paul, Minn.
168 Edward Robert Mantel, Ely, Minn.
169 Harlan Stuart Jaxon, Minneapolis, Minn.
170 Laverne Leland Carlsted, Duluth, Minn.
171 Charles Martin Olurby, Scooby, Mont.
172 Richard Cairn Angvall, Amboy, Minn.

BETA

- 641 Duane Roger Egeland, Detroit, Mich.
646 William Lloyd Berke, Chisholm, Minn.
647 Harold Russell Smith, Manicoba, Canada
648 Robert Charles Senaka, Detroit, Mich.
649 Lionel Newland Larson, Ely, Minn.
650 Dean Roger Kelly, Lake Odessa, Mich.
651 Kent Alexander Mulholland, Siginaw, Mich.
652 Earl Robert Gaber, Niagara, Wis.
653 James John Messink, Muskegon Heights, Mich.
654 Robert Clayton McMaster, Rockland, Mich.
655 Donald Murray Gerkey, Clemens, Mich.
656 Robert Berryman Ashley, St. Clair, Mich.

GAMMA

- 718 Thomas Andrew Allan, Wichita, Kans.
711 Robert Loran Einarson, Wheatridge, Colo.
712 Robert Howell Fitch, Chicago, Ill.
713 Joseph Phillip Hill, Santa Ana, Calif.
714 George Yeldham King, Eau Claire, Wis.
715 Richard George Martin, Seattle, Wash.
716 John Duncan McIver, Ft. Collins, Colo.
717 Merion Ira Siquier, Jr., Golden, Colo.
718 Jasper Newton Warren, D'Lo, Miss.
719 Herbert Douglas Waterman, Denver, Colo.

DELTA

- 716 James McCrea Bigger, Chagrin Falls, Ohio
717 George Herman Blach, Cleveland Heights, Ohio
718 Louis Robert Bodfish, Cleveland Heights, Ohio
719 Robert Philip Borofka, Lakewood, Ohio
720 Edward James Buell, Lewiston, N.Y.
721 Joseph Mario Dieglio, Cleveland, Ohio
722 Teleforte Joseph Filipaki, Cleveland, Ohio
723 Richard Ralph McLaughlin, Connerset, Ohio
724 Kenneth Otto Michel, Cleveland, Ohio
725 Gene Walter Miller, Cleveland, Ohio
726 Ronald Vincent Paslucci, Euclid, Ohio
727 Walter Edward Rayher, Cuyahoga Falls, Ohio
728 Thomas Heym Roberts, Cleveland, Ohio
729 William David Robinson, Cleveland, Ohio

- 710 Charles Francis Schulz, Cleveland, Ohio
731 Thomas Robert Schuerger, Lakewood, Ohio
732 Fritz Louis Schweitzer, Aurora, Ohio
733 Robert Calquhoun Scott, Bedford, Ohio
734 John William Webb, Lakewood, Ohio

EPSILON

- 641 Robert Scott Cereby, San Francisco, Calif.
642 Lawrence Stanford Hansen, Berkeley, Calif.
643 Henry Traver Herlyn, Oakland, Calif.
644 Richard Calvin Peryan, San Anselmo, Calif.
645 Donald Arthur Lammern, Chico, Calif.
646 William Bullock Clark, Berkeley, Calif.
647 Donald Joe Everitt, Bakersfield, Calif.
648 Jack Edison Griffin, Berkeley, Calif.
649 Robert William Turner, Oakland, Calif.
650 Cornelius Kimball Ham, South Hadley, Mass.
651 Melvin Delbert Somerton, Lafayette, Calif.
652 George Pepperdine, Berkeley, Calif.
653 John Otis Carter, Waukon, Iowa
654 William Dave Blankenship, Napa, Calif.
655 Craig Rolla Norton, San Marino, Calif.
656 John Czarnocki, Oakland, Calif.

ZETA

- 519 Dwane Milton Crowl, Bethel, Kans.
520 David Lee Webber, Stafford, Kans.
521 William Sherman Gartung, Wichita, Kans.
522 Thomas Edward Brune, Bethel, Kans.
523 Charles Howard Walker, Kansas City, Mo.
524 Glenn William Amshutz, Wilson, Kans.

THETA

- 461 Warren William Marquardt, New Hyde Park, N.Y.
462 Herbert Julius Johnson, Staten Island, N.Y.
463 Frank Louis DiMaggio, Bronx, N.Y.
464 Frederick George Merckel, Jr., Upper Montclair, N.J.
465 Charles Peck, Floral Park, N.Y.
466 Charles Boudskian, New York, N.Y.

IOTA

- 563 Keith Edgar Shortt, Rolla, Mo.
566 Donald Lloyd Heath, Rolla, Mo.
568 Edgar John Telthorpe, St. Louis, Mo.
569 Jack Dolph Foster, Carmi, Ill.
570 John Francis Stephens, Richmond Heights, Mo.
571 Robert Wayne Burhl, Washington, Mo.
572 Jack Robert Babbitt, St. Louis, Mo.
573 Ivan Lawrence Bounds, Ft. Smith, Ark.
574 William George Bachman, Glendale, Mo.

- 171
172
173 Robert Glenn French, Kansas City, Mo.
174 Elmer Marvey Schmidt, Hinsdale, Ill.
175 George McCrag Anderson, Muskogee, Okla.
176 David Curt Grimm, St. Louis, Mo.
177
178
179 John Edward Judwick, Chicago, Ill.
180 Eddie Lee Dougherty, Kansas City, Kan.
181 Harrison Edwin Chapman, Jr., Dumont, N.J.

- 182
183
184
185
186
187
188
(Numbers 189-194 published in last issue)
189 Fred Henry Eckert, Belleville, Ill.
190 William Wirt Fairchild, Cranford, N.J.
191 Robert Joseph Morris, St. Louis, Mo.
192 Charles Thomas Mahoney, Needham, Mass.
193 Walter Erno Salomo, St. Louis, Mo.
194 Robert Earl Schuchardt, St. Louis, Mo.
195 Robert Harold Neustadter, St. Louis, Mo.
196 Ralph English Johnston, Jr., St. Louis, Mo.
197 George William Mahie, Lemay, Mo.
198 Richard Glenn Mallon, St. Louis, Mo.
199 Antony Norman Edgington, Baxter Springs, Kans.
200 Sterling Dean Shupler, St. Louis, Mo.
201 August Vincent Castelli, St. Louis, Mo.
202 William Eugene Goodbaugh, Edwardsville, Ill.
203 George Cecil Hoffman, High Bridge, N. J.
204 Sidney Eugene Duerr, Jr., Webster Groves, Mo.

LAMBDA

- 205 John Robinson Call, Ogden, Utah
206 Robert Judson Mattison, Jr., Salt Lake City, Utah
207 Douglas Herbert Hileman, Royal, Utah
208 Jack Edwin Thomas, Salt Lake City, Utah
209 Ron Wayne Moody, Honolulu, Hawaii
210 Ray Louiero Call, Salt Lake City, Utah
211 Don Russell Wilson, Peypson, Utah
212 Edward James Brooks, Salt Lake City, Utah
213 Moffer Eugene Felkner, Salt Lake City, Utah
214 Stanley Green, Hooper, Utah
215 Vern Johnson Smith, Salt Lake City, Utah
216 Edwin Harry Loeffler, Salt Lake City, Utah
217 Raymond Alvin Johnson, Salt Lake City, Utah
218 Kenneth LaMar Davis, Manitoba, Canada

MU

- 219 Longino Alphonse Woodman, Tuscaloosa, Ala.
220 Augustus Maximilian Allen, Spring Hill, Ala.
221 Robert Charles Asquith, Selma, Ala.
222 Thomas Emory Brassell, Evergreen, Ala.
223 Robert Louis Broad, Jr., Brownsboro, Ala.
224 Jack Cole Brown, Tuscaloosa, Ala.
225 William Ted Bryan, Birmingham, Ala.
226 Joe Sheerell Foster, Tuscaloosa, Ala.
227 William Amos Hamilton, Birmingham, Ala.
228 Lawrence Milton Hollingsworth, Jr., Gainesville, Fla.
229 Erskine Allan Massey, Bismarck, Ala.
230 Ralph Edwin Maury, Troy, N.Y.
231 Robert Eugene McRae, Rockmart, Ga.
232 Rabun Sanders Mills, Montgomery, Ala.
233 Robert Francis Key, Richmond Hill, N.Y.
234 Dallas Neal Vickers, Geneva, Ala.
235 William Harold Vogler, Tuscumbia, Ala.
236 Richard Hanna Wall, Birmingham, Ala.
237 Robert Martin Wamsley, Birmingham, Ala.
238 Andrew Timothy Waska, Hilton Village, Va.
239 Howard Sparks Mason, Tuscaloosa, Ala.

XI

- 240 Gilbert Edward Kempka, Milwaukee, Wis.
241 Gerhardt Eugene Meyer, Fremont, Wis.
242 Richard Marion Mos, Menomonie, Wis.
243 John Peter Weber, McFarland, Wis.
244 John Edward Helm, Appleton, Wis.
245 Thomas Eugene Hart, Antigo, Wis.
246 James William Bierack, Beaver Dam, Wis.

OMICRON

- 247 Edwin Maryl Bartlett, Iowa City, Ia.
248 Richard Arthur Bague, State Center, Ia.
249 Erwin Emil Figgis, Chicago, Ill.
250 Wilfred Raymond George, Grinnell, Ia.
251 Donald Wayne Hall, Vinton, Ia.
252 Kurt LeFrons Hasser, Bettendorf, Ia.
253 Lawrence Willard Hayes, Muscatine, Ia.
254 Robert Carroll Hollis, Oak Park, Ill.
255 Richard John Hovey, Cedar Rapids, Ia.
256 Richard Woulverton Inman, Oak Park, Ill.
257 Thomas Martin Kauffman Jr., Audubon, Ia.
258 Charles A. Lindberg, Iowa City, Ia.
259 Robert Lee Murphy, Austin, Minn.
260 Adolph Nisch, Cedar Rapids, Ia.
261 Terrance John O'Brien, Tiffin, Ia.
262 Claude Edward Peterson, Mankato, Minn.
263 Leroy Herman Sallen, Ft. Madison, Ia.
264 George Leslie Sudmann, Clinton, Ia.
265 Francis Springer, Wapella, Ia.

- 365 Donald Ray Wagner, Iowa City, Ia.
366 Robert Douglas Wood, Sioux City, Ia.

RHO

- 412 Forrest Wesley Lancaster, Raleigh, N.C.
413 Lewis Meadows Allen, Raleigh, N.C.
414 Oliver Garland Barnes, Jr., Rocky Mount, N.C.
415 Paul Leon Lovington, Hempstead, N.Y.
416 Jack Graham McCracken, Kernersville, N.C.
417 James Thomas McKeel, Jr., Washington, N.C.
418 Harold Francis McKnight, China Grove, N.C.
419 William Holt Moore, Baltimore, Md.
420 Frank Edward Perkins, Jr., Laurinburg, N.C.
421 Richard Blake Robertson, Washington, N.C.
422 Warren Winfield Robertson, Hamlet, N.C.
423 Herman Eugene Seibel, Norfolk, Va.
424 Roy Wayne Smith, Raleigh, N.C.
425 Scott Filsore Stidham, Ft. Smith, Ark.
426 James Rowe Turner, Henderson, N.C.

SIGMA

- 322 Franklin David Warner, Bellville, Ohio
323 James William Clemens, Parma, Ohio
324 Gerald Edwin Dackin, Columbus Grove, Ohio
325 James Scott Read, Columbus, Ohio
326 Clark James Temple, Bucyrus, Ohio
327 Carl Alan Anderson, Barberton, Ohio

TAU

- 470 Daniel Anthony Barczys, Buffalo, N.Y.
471 Wesley Elmer Gebhardt, Buffalo, N.Y.
472 Felix Christian Karlson, Groton, Conn.
473 Darwin Edward Rightmire, Williamsport, Pa.
474 William John Smith, Irvington, N.J.
475 Charles Anthony Spadaro, Norwich, N.Y.
476 Emanuel Victor Tomassini, Utica, N.Y.
477 John Randolph Watson, Jr., Cleveland, Ohio
478 Phillip Ralph Woodford, W. Farmington, Ohio
479 William Fredrick Hoyt, Baltimore, Md.
480 Robert John Power, Jr., Pleasantville, N.Y.
— Joseph Coats Bartholomew, Honorary, Liverpool, N.Y.

UPSILON

- 520 Hal Fletcher Minnis, Pine Bluff, Ark.
521 Robert Earl Boone, Forrest City, Ark.
522 Kenneth Harold Coffas, Jone, Mo.
523 James Robert Doyle, Ruston, Ark.
524 Richard David Gilliam, Hot Springs, Ark.
525 Harvey William Goodman, Jr., Fort Smith, Ark.

- 526 James Bruner Gregory, Washington, D.C.
527 Jackie Lee Griffin, Waldo, Ark.
528 James Fitzhugh Koonce, Pine Bluff, Ark.
529 John Lynn Lundgren, Eureka Springs, Ark.
530 William Washington McLendon, Mena, Ark.
531 Nixon Wesley Powell, Magazine, Ark.
532 Nathaniel Thomas Richmond, Fort Smith, Ark.
533 William Charles Robinson, West Helena, Ark.
534 William Nelson Sessions, Lake Village, Ark.
535 William McDermott Shaw, Lewisville, Ark.
536 Wayne Neal Williams, N. Little Rock, Ark.

PHI

- 213 Robert Walker Burnette, Charleston, W. Va.
214 Richard Nicholas Miller, Chicago, Ill.
215 Donald Stuart McGlasson, Louisville, Ky.
216 Emil Bevers, Chicago, Ind.
217 Raymond Anthony DiPasquale, Rochester, N.Y.
218 James Robert Mahaffey, Jacksonville, Fla.
219 Gene Augustus Nottoli, Lafayette, Ind.
220 George Robert Pence, Ellwood City, Pa.
221 William Collins Phelps, Jr., Evansville, Ind.
222 Charles Parker Ross, Detroit, Mich.
223 Edward James Wagner, W. Lafayette, Ind.
224 James Lee Walmsith, Dunkirk, Ind.
225 Richard Joseph Wickert, Milwaukee, Wis.

CHI

- 348 William Mitchell Nelson, Globe, Ariz.
349 Dale Lynn Thornburg, Tucson, Ariz.
350 Herbert Harold Hutzkiss, Tucson, Ariz.
351 Arthur Elliott Hinchbaugh, Hayden, Ariz.
352 James Gordon Hardy, Los Angeles, Calif.
353 William Everett Frasca, Ajo, Ariz.
354 Robert Linchfield Owen, Linchfield Park, Ariz.
355 Merrill John Lemmah, Tucson, Ariz.
356 Gene Edgar Anderson, Parker, Ariz.
357 Thomas Atwood Lawson, Ajo, Ariz.
358 Robert Henry Webb, Tucson, Ariz.

PSI

- 263 Tim Wesley Vogt, Chinook, Mont.
264 Herbert Myrta Shurburne, Browning, Mont.
265 Charles Hayden Hewitt, Butte, Mont.
266 George Alex Mattson, Anaconda, Mont.
267 John Tobias Eortlick, Butte, Mont.
268 Robert Edward Evenson, Great Falls, Mont.

- 269 Robert Louis Lund, Revere, Mont.
 270 Andre Ray, Butte, Mont.
 271 Bernard Alfred Fahm, Chile, S.A.
 272 Thomas Walter Dasowski, Newark, N.J.
 273 Albert Anthony Gordon, Chicago, Ill.
 274 Phillip Everett McCarry, Northport, Wash.
 275 Geoffrey Langford Brazier, Helena, Mont.
 276 Edward Francis Kukay, Great Falls, Mont.
 277 Donald Franklin Clark, Butte, Mont.
 278 Donald Robert Kots, Butte, Mont.
 279 John Anthony Griswold, Havre, Mont.
 280 William John Van Matre, Platteville, Wis.
 281 Frank James Vorell, Butte, Mont.
 282 Robert Pete Tinsuff, Klam, Mont.
 283 Elliott Willner, New York, N.Y.
- OMEGA
- 310 Eugene Delmar Aldrich, Rapid City, South Dakota
 311 Harold Lee Brandeberry, Rapid City, S. Dak.
 312 Don Porter Bush, Vayland, S. Dak.
 313 Wayne Loren Dalke, Freeman, S. Dak.
 314 Russell James Gamburg, Rapid City, S. Dak.
 315 John Gray, LaPorte, Ind.
 316 William Leroy Harley, Custer, S. Dak.
 317 Norman Hart, Ft. Pierre, S. Dak.
 318 Charles David James, Omaha, Nebr.
 319 Elmer Dale Jurrans, Custer, S. Dak.
 320 Francis James Majeros, Mitchell, S. Dak.
 321 Charles Warren Meyers, Fargo, N. Dak.
 322 Vance Edward Miller, Jr., Groton, S. Dak.
 323 Arthur Langdon O'Toole, Watertown, S. Dak.
 324 Roland Vincent Robison, Edgeley, N. Dak.
 325 Richard Harold Shaffer, Aberdeen, S. Dak.
 326 Lowery John Smith, Oglala, S. Dak.
 327 Kenneth LeRoy Stephens, Highmore, S. Dak.
 328 Carl William Tilus, Buffalo, S. Dak.
 329 Arnold Albert Ulmer, Lesterville, S. Dak.
 330 Carl G. Ulvog, Camerville, S. Dak.
 331 Harold Ray Wellman, Keystone, S. Dak.
- GAMMA BETA
- 341 Alfred Filer Flynn, Jr., Washington, D.C.
 342 John Oliver Wayner, McLean, Va.
 343 Alice Mahlon Craft, Washington, D.C.
 344 John William Morgan, Halltown, W. Va.
 345 Arthur William Schranle, Arlington, Va.
 346 Howard Morsell Mainhart, Silver Spring, Md.
 347 John Finley McPhail, Jr., Washington, D.C.
 348 Clarence Elliot Kuldell, Washington, D.C.
 349 Edward Egloff, Washington, D.C.
 350 John Paul Conner, West Grove, Pa.
 351 Robert William Cashman, Washington, D.C.
 352 Lawrence Baras Proctor, Jr., Garden City, N.Y.
 353 Gerald Preston Summers, Washington, D.C.
 354 Thomas Wooten Shipp, Washington, D. C.
 355 Thomas Edward Mutchler, Washington, D.C.
 356 George Vaughan Gelly, Washington, D. C.
 357 Peter Rapsk, Wyoming, Pa.
 — Charles Edward Greeley, Hunnary, Arlington, Va.
- DELTA BETA
- 362 Thomas Benedict Spalding, Louisville, Ky.
 363 Elmer Charles Beason, Jr., Louisville, Ky.
 364 Gerald Francis Brewer, Louisville, Ky.
 365 Allan Maurice Fine, Louisville, Ky.
 366 Walter Edwin Overstreet, Louisville, Ky.
 367 Robert Larue Reed, Elizabethtown, Ky.
 368 Andrew Liber, Jeffersonville, Ind.
 369 Richard Lee Jefferson, Louisville, Ky.
 370 Charles Joseph Sheehan, Louisville, Ky.
 371 Harry Lee Carroll, Louisville, Ky.

The doctor was a fellow who spent every free moment lecturing his nurse on health matters. One afternoon he happened to overhear her discussing her job with a friend.

"And how much do you get paid?" asked the friend.

"Seventy-five dollars a week," said the nurse. "Fifteen dollars in cash, and the balance in medical advice!"

A suburban lady shopping in Macy's garden department spotted a rustic object on a small stand and asked the sales clerk what it was.

"It's a sundial," said the clerk, and patiently explained how the sun's shadow, moving across the dial, would indicate the time of day.

"My!" said the woman. "What will they think of next!"

Letters from the Chapters

Alpha Discovers Gold Mine



Alpha chapter extends fraternal greetings to all brothers of Theta Tau and a warm welcome to any who may have the opportunity to visit Minneapolis. The beginning of another school term finds Alpha Chapter in fine fettle, ready and

willing to cope with any problems consequent with the opening of the Fall Quarter.

Foremost in importance at this time is the initiation of a program of smokers and informal parties for the purpose of indoctrinating prospective pledges in the purposes and ideals of Theta Tau. A smoker planned for October 24 will be the first of the series, with a large turnout assured. In charge of details is the "Ruching" committee, ably headed by Bill Larson. Alpha chapter now has a total active list of 28, including the seven new initiates of Spring Quarter, Richard Mochrie, Laverne Carlsted, Julius Cordero, Ed Mammel, Chick Overby, Harlan Jaxon, and Richard Angvall. The graduation last spring of 11 actives was a telling blow, but it is hoped to have the chapter to peak strength of 40 actives by Spring Quarter.

Home improvements and renovations occupy a goodly portion of the time of the actives and pledges. Newly completed projects include the recreation room in the basement and redecoration of the bedrooms and meeting room, with all the work being done by the actives. The "Parking Concession" during football games has proven to be a lucrative source of income, contributing a great deal toward the home improvement fund. Not-innumerate evidence of its aid is a television set recently acquired and put in operation. No little help is the assistance given the active chapter by the alumni in improving and modernizing the house. Ras Swieren, house manager, efficiently handles all details.

Social events of the Spring Quarter included the Tri-Yach Ball, sponsored by the three professional engineering fraternities on campus, held at the Calhoun Beach Club. Alpha chapter had a sizeable representation and reported a fine time had by all.

On the informal side, picnics and house parties occurred more or less frequently throughout the spring and summer for all who were able to attend. Li-Day, the day of immortality and superiority for all U. of M.

engineers, was held in May, and was observed in a fitting manner by Alpha chapter. The chapter was well represented at all functions. Homecoming day this fall will be marked by an open house and party for alumni and their families. The Founders' Day Banquet was held Saturday, October 15, in the Club Room of the Curtis Hotel, and was well attended by actives and alumni. Bob Roemer, Alpha '43, was presented with a gold key and crest at the banquet in token of appreciation of the vast amount of work he accomplished and his devotion to the task, as councillor and house-manager for Alpha chapter while attending graduate school at the University. Bob is now well situated in Dubuque, Iowa, with his bride of a month and doing very well. Incidentally, Alpha chapter was well represented at the altar this past summer with Chuck McKenzie, Chuck Claypool, Earl Angell, and Bob Anderson taking the final vows.

Alpha chapter suffered a great loss this fall in the departure of N. F. Rusjas, honorary '47, for Seattle, Washington. Brother Rusjas acted as friend and adviser to the chapter for the past two years and always took a very active part in the proceedings. He is now associated with Boeing Aircraft in Seattle and the best wishes of the chapter go with him in his new position. Professor Eggers, honorary '13, will act as adviser in Brother Rusjas's place.

With the advent of the new school year intramural sports again assumes a position of importance with football and bowling holding sway in the fall quarter. Alpha chapter won the Intramural Hockey Trophy last spring, and hopes to duplicate the feat in other sports this year. At present, hockey also holds a rather elevated position in the field of sports and week-ends find many of Alpha's Nimrods trying their luck and shooting eye in the field.

The slate of chapter officers this year finds Bob Wunderlich, Regent, at the helm and assisted by Bill Larson, Vice Regent; John Stolporad, Treasurer; and Bob Marquardt, Scribe. House Councillor is Larry Breivick, Omega '43, succeeding Dan Donovan, another Omega Alumnus, who recently completed graduate studies in Hydraulics. House Manager is Russ Swieren and acting as Chapter Adviser is Dr. H. C. T. Eggers, Professor of Drawing and Descriptive Geometry in the Institute of Technology.

Yours in H & T,
Con Appledorn, Corres. Sec.

Beta Eyes Intramural Cup



Beta Chapter began this fall term with the five new officers elected last spring; they are: Joe Post, Regent; Tom Bosmer, Vice Regent; Herman Zanoni, Treasurer; Ken Karny, Scribe; and Don Hall, Steward. Professor L. F. Duggan is still doing a good job as our faculty adviser. The end of the intramural season last spring found Beta chapter coming in second.

of Beta chapter: H. Smith, R. Sernka, D. Egeland, W. Burke, D. Kelly, L. Larson, K. Mullholland, J. Messink, R. Ashley, R. McMasters, and D. Getkey.

The Annual Spring Formal, honoring the graduating seniors was held at the Masonic Temple on May 28. A large crowd attended and danced to the soothing music of the College dance band.

At present we have 40 actives and 4 pledges with numerous prospective pledges being rushed. Although 26 members will graduate



Informal party at Beta Chapter

this school year we expect to have sufficient new members to take their places by that time.

Beta Chapter continues to lead the campus in social and scholastic activities. For the school year 1948-49, this chapter had the highest scholastic average of any organization on campus. We are also well represented in Tau Beta Pi and Blue Key.

Beta extends its best wishes and fraternal greetings to all Brothers of Theta Tau.

Yours in H. & T.,
David R. Sleeman, Corres. Sec.

Delta Renders Important Service To Case



Delta chapter has planned an active program for the fall semester under the guidance of Professor L. J. Reardon and the leadership of Regent Ken Melick, Vice Regent Don Tanner, Scribe Ed Barrett, Treasurer Clint Mehring, Inner Guard Dick Kravinc, Outer Guard Bob Miller, and Corresponding Secretary Norm Jackson.

The chapter has assumed the responsibility for two all college assemblies. Brothers Bill Robinson and Joe Dieglio have made arrangements to have Senator Taft speak at the first assembly sponsored by the chapter. Plans for the other assembly are being prepared by Brothers Ted Buell and George Clinus.

In an effort to further serve the college the chapter with the help of Dean Newhouse, has initiated a program to recruit students for the college. Under the program headed by Brothers John Webb and Bob Scott the chap-

ter will send brothers to speak at high schools about college in general and Case in particular. The chapter will also act as host on campus to men taking the entrance examinations.

Bill Galey, social committee chairman, announced that the traditional senior farewell party will be held, but he has not divulged further information. Brothers who are graduating in January are: Bob Bodfish, Dan Donnelly, Norm Jackson, Dick McLaughlin, Clint Mehring, Ken Michel, Bob Miller, Chuck Scholtz, and Don Tanger.

Delta chapter started the fall with 17 actives and no pledges. The election of new men will take place at the meeting of November 8. The pledge master will be John Koinis and initiation will be held December 14.

The Founders' Day Banquet was held October 18. After dinner the chapter had a

short business meeting which was followed by a discussion involving the interchange of ideas between the actives and alumni in regard to the business world.

Also among the chapter's past activities are the display at Case Open House and the party at the off-campus Warner and Swasey Observatory.

The chapter with the help of the alumni organization has purchased a new Theta Tau Award Plaque. Last spring the Theta Tau Award, presented each semester to the most promising graduating senior, went to Jack Maxwell. Jack is a member of Tau Beta Pi, Theta Tau, Blue Key, and the Varsity "C" club.

Yours in H & T,

Norman Jackson, Corres. Sec.

Epsilon Underway



Epsilon chapter sends to every Theta Tau a most sincere fraternal greeting. The elections at the close of Spring '49 placed James "Red" LeFevers in the Regent's chair assisted by Wm. S. Bartholomew as Vice Regent, Scott Crevly as Scribe, Bob Turner as Treasurer, and R. C. Peryam as Corresponding Secretary. The opening of this term, however, found "Red" working for Shell Oil, so "Bar" has stepped into the Regent's shoes. Good luck, LeFevers!

We have also lost two very learned and respected brothers from Epsilon and Cal. Dr. Carlton D. Hulin has resigned his teaching post here in order to devote his full time to his work as a consulting geologist. Dr. Howell Williams has left on his sabbatical leave and is now working in Mexico studying the volcanics of this region. Mr. Ed Wiser has become our new Chapter Advisor. Brother Garnis Curtis has since replaced Dr. Hulin as lecturer in Mining Geology. Congratula-

tions to Jim Brice, who this day came through his orals for Ph. D. with flying colors.

In the back of our minds we recall last year's picnic and a grudge battle on the Indian Camp ball diamond between those two titanic teams which represented "Old" Bacon Hall and Hearst Mining Building. At the end of ten innings with the score knotted at 9 to 9, we parted friends. The twenty-eight actives and fifteen inactives are preparing their respective teams this year by looking over the new blood at our Smoker this Friday, October 21. Dr. Klingpell will use slides to illustrate his talk on the "Filipino Past and Present." This material will serve as a background for those of us who may one day travel in that part of the world.

The following week will bring on that ever lovin' picnic and evening dance. Old alumni such as Walter Mickel '33, Phil Detmer '43, and George Pappas '47 are back with us. We are looking forward to the "Big Game" (Cal. vs. Stanford) for we understand that John Truckett (Wyo.) and George Metcalfe (Mont.) may drop in on us for "Homecoming Week."

Yours in H & T,

Richard C. Peryam, Corres. Sec.

Zeta Begins Year With Initiation

LAWRENCE
KANSAS

Zeta Chapter sends its sincerest fraternal greetings to all brothers of Theta Tau. The fall semester started with the following officers: Bob Greenwell, Regent; Bob Elliott, Vice Regent; Duane Crowl, Scribe; Leonard Rickards, Treasurer; and George McNeill, Correspond-

ing Secretary. Professor G. W. Bradshaw, Chairman of the Civil Engineering Department, is the chapter adviser.

The semester started off with a "bang" with the initiation of four new members. Sunday, October 2nd, Marion Scholes, Keith Smith, Tom Oliver, and Elmer Dougherty were initiated into Zeta chapter of Theta Tau. This brings the total number of actives to seventeen.

The pledge class for the fall semester includes Harold Wolf, Gene Littell, John Darigo, Frank Lindemuth, Irvin Gaston, Ronald McClure, Karl Davenport, and David Gray. We are still looking over several other men since we have a few vacancies in the house.

Those of Zeta who went out to seek their fortunes in the field of engineering last spring include: Dudley Hamstone, Fred Gertung, Jack Bruyr, Gene Berry, Bill Bergman, Ralph Wood, Jack White, Francis Van Benthon, and Jim Jacobs. E. V. Haines is teaching here at K.U. and working on his master's degree and Bob Talry is working on his Master's degree at the University of Delaware.

The Kansas Engineer is still well manned with Charles Walker as editor and Bill Gar-

sung, George McNeith and Dwaine Crowl on the staff. Zeta has three men on the Engineering Council with G.E. Avichute as president, Bob Greenwell as vice president, and George McNeith as Geological Engineer representative.

Dr. Blakemore Thomas, who was a member of Epilon chapter and got his doctor's degree at California Institute of Technology, is teaching at Kansas University this year. He was a guest at the formal initiation on October 2nd.

Founders' Day was observed with a buffet dinner on Sunday, October 16th at the chapter house.

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

Theta Small But Active



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

Our chapter, though small at the present time, 14 active members, expects to have an active year. Officers for the present year were elected last spring and are as follows: Charles Tucker, Regent; Richard Schulz, Vice Regent; Ralph Hess, Scribe; Michael DeMayo, Treasurer; Lee Prochaska, Corresponding Secretary; and Mr. Nelson Fink, Chapter Advisor.

Last year activities were wound up in grand style by having a cocktail-party in conjunction with the annual Engineers' formal. A room overlooking the dance floor was acquired where brothers could adjourn during intermission. The turnout was excellent and by the number of requests for a repeat performance it can be assumed that the party was a success.

Plans for this year are still in the making but one event has been definitely decided upon.

Continuing a tradition started last January we are having another dinner dance on November 19. From all indications it undoubtedly will be a successful affair. Rushing plans are not complete but tentative ones have been made for a rushers' smoker followed by luncheon for becoming acquainted with prospective members.

Theta Tau is becoming increasingly active on the Columbia campus. Activities of our brothers include membership on the Engineering Student Council. Lee Prochaska and Jay Fernandes are representatives of the senior Chemical and Mechanical Engineers, respectively. Jay Fernandes is also the Engineers' representative on the University Student Council. In sports we have Michael DeMayo playing on the baseball team and Fred Merkel is manager of the basketball team. On Engineering School publication staffs we have Louis Urban with the Engineering Quarterly and Ralph Hess with the Columbia Engineer yearbook. We hope to become even more active in school affairs as the year goes on.

Yours in H & T,
Lee Prochaska, Corres. Sec.

Iota Originates Freshman Award



As the fall semester got under way Iota Chapter has resumed its ever increasing activities on the M.S.M. campus. The chapter at full strength of forty actives has launched into greater prominence this semester under the capable leadership of Regent John Jadwick. Assisting him this semester are Robert Schmidt, Vice Regent; Val Streiglitz, Scribe; William Wein-

stein, Marshal; William Bachman, Inner Guard; and Jack Babbitt, Outer Guard. The two officers held over from the spring semester are William Collins, Treasurer, and Harry Chapman, Corresponding Secretary. Professor J. B. Butler is still serving as Chapter Advisor.

Iota chapter of Theta Tau has once again proven its desire and ability to reward and recognize achievement in any field. This past year Theta Tau set up here at the School of Mines what has come to be known as the "Theta Tau Freshman Award". The award is

not given to those men who are outstanding only in the field of activities. A man to be chosen for this award must be an average student at least, and must also have shown his desire to make his college career something else beside a time of study. This is, of course, shown primarily by his interest in the various activities on the campus. A point-method of evaluation was devised by a committee working on the project, and those deserving freshmen who met the qualifications were chosen on the basis of the total number of points they had accrued in their freshman year. By originating this award we, the active members of the chapter, believe that we have made a stride in the direction of making Theta Tau once again one of the more highly regarded organizations in college circles.

The highlight of this year's activities will again center about our Professional Development Program. Outstanding men in the humanities field have been signed up as guest speakers at our monthly banquets. The co-operation shown by each and every active in helping to get the program rolling has been heart warming and we as a chapter feel confident of its continued success.

The alumni files are under going a complete revision. It is our endeavor to establish closer relationship between and among our alumni. Our recent newsletter contained a partially complete alumni directory. A more concise

directory is in the making and will be part of our fall newsletter. Also we are compiling a directory of all our alumni, each in his own field, as an aid to present and future graduates of Theta Tau who are seeking employment.

Iota initiated fifteen new members this past spring, replacing our June and August graduates. We welcome Robert Schuckardt, Robert Neustadter, Ralph Johnson, Tony Edgington, Dean Shopper, Vincent Castelli, Bill Coulbaugh, William Fairchild, Charles Mahoney, Richard Mallon, Fred Echert, Robert Murrin, Wally Salomo, George Hoffman, and Sid Duerr.

To take advantage of Missouri's Indian Summer, the chapter held a "liquid social" in observance of Founders' Day. We had planned a Founders' Day banquet but a campus Parents' Day program interfered. With the advent of winter, the "Business Meetings" will again be held in the Blue Room on Wednesday afternoons.

Plans are being made for the coming rush period during December. We are confident that we will initiate men who in the future will be a credit to our chapter, our fraternity, and the engineering profession.

In closing, we extend fraternal greetings to all chapters and members of Theta Tau.

Yours in H & T,

Harry Chapman, Corres. Sec.

Lambda Chapter Host To Regional Meeting



Fraternal Greetings to all Theta Taus. Lambda chapter is starting the Fall quarter with the following officers: Jack Thomas, Regent; Emmett Olson, Vice Regent; Jack Call, Treasurer; and Douglas Erlanson, Scribe.

Don Burningham, Corresponding Secretary is not returning to school this term. We are still fortunate in having Professor G. W. Carter, Lambda '33, as our adviser.

Since our last letter to the Gear, Lambda has initiated ten men, these good brothers be-

ing added to the roll last May. At present the chapter has 21 actives on the list. We have eight pledges now undergoing instruction in the ways of Theta Tau.

Bud Laffer, Bill Forcht, Pat Regent, and Vern Smith are busily preparing for another important year in the Professional and Leadership Development Program. The meeting of Region Four chapters, Epsilon, Gamma, Chi, Psi, Omega and Lambda, is being planned for November in Salt Lake City, Utah. Lambda will again be the host chapter.

Yours in H & T,

Jack E. Thomas, Regent

Mu Dreams of Pleasant Future



Mu chapter opened its 1948-49 school year with thirty-eight actives. We are making plans for our new members to be initiated November 19, 1948.

We are trying at present

meeting place from the University's temporary classroom buildings. Eventually this is hoped to be the beginning of a chapter house at the University of Alabama. Things are looking good, and we hope to have this place by next year.

November 4, 1948, we are giving a pledge dance. Here as usual the actives get to meet the new pledges. At this dance we inform the

pledges as to their duties, as to becoming prospective members of Theta Tau. After the dance the activities usually decide on who is a good prospective member, and we then take a vote on who will be initiated. After the initiation we are giving a banquet to the new members.

As soon as we get settled in our new permanent meeting place, we hope to increase the social functions of the Fraternity. The new

permanent residence will give us a place in which to hold our social functions. The fact that we have had trouble in finding a place to hold our functions is the reason for holding back in such activities.

With these highlights of Ma's activities we wish to extend Fraternal greetings to all members and chapters of Theta Tau.

William H. Vogler, Corresponding Sec.

Omicron To Entertain Regional Meeting



Omicron Chapter extends fraternal greetings to all chapters and brothers of Theta Tau.

The fall semester, with its many school and fraternity activities, promises to be a busy one.

Brother Ned Ashton, '23 our chapter adviser, has offered the use of the lower floor of his fine new home as a chapter meeting room. The first meeting was held there on the evening of October 11.

Our chapter officers at this time are: Regent, Charles W. Lazebny; Vice Regent, William H. Olson, Jr.; Scribe, Claude E. Peterson; Treasurer, Ronald P. Larson; and Corresponding Secretary, William E. Griffith.

Founders' Day was observed by Omicron after the Homecoming football game on October 11. An informal luncheon was held at the new chapter room. Brothers Charles Kippenhan, '40; Raymond Hodachek, '49; Norman Haustad, '49; and Alva Evans, '49; were among the alumni present. Brothers P. L. Merzer, '21, and W. E. Stratzman, '48 were also back for the homecoming festivities.

Plans are being prepared for a regional conference to be held here at Omicron on November 18. A fine program has been outlined, and we're looking forward to some enjoyable social activities at the same time.

At present, we have 29 active members. Following a series of parties and dinners, pledg-

ing will begin in the very near future. We have a fine group of prospective pledges, and we feel certain that they will insure us of a traditionally strong and active chapter.

The intramural sports program is new under way with the chapter entered in tennis and touch football competition. The first football game was forfeited to Theta Tau, giving us a perfect record to date.

Brother H. O. Croft, Honorary '18, has left the University of Iowa to become Dean of the College of Engineering at the University of Missouri. Brother Croft has been an active member of our organization and his presence at our dinners will certainly be missed.

Brother Ray Hudachek presented the prize winning paper at the ASME regional conference in St. Louis last May. Shortly thereafter, he was awarded a prize for another paper entered in an arc-welding application competition.

Omicron members are participating in the various school activities in an outstanding manner. Brothers Tom Kauffman and Don Wagner are the President and Vice President of the senior class, Duncan Putnam, Claude Peterson, and Dick Hovary are President, Vice President, and Treasurer of the Associated Students of Engineering, and Bill George and Chuck Lazebny are General Manager and Business Manager of the Iowa TRANSIT.

Yours in H & T,
William E. Griffith, Corresponding Sec.

Pi Pledges Outnumber Actives



Fraternal greetings to all Theta Taus from Pi chapter. Membership is small at this time due to the graduation of 11 brothers in June, but we

are pleased with the prospect of initiating 23 new pledges in the near future. We now have 22 active members.

Our chapter officers at this time are: Regent, Earl Barnett; Vice Regent, Randy Grymes; Treasurer, Joe Anderson; and Scribe, Wilson Underwood. Dr. L. R. Quarles is our chapter adviser.

We are happy to report that the chapter is again taking a leading roll in the affairs of the Engineering School. Brothers hold many offices in the local chapters of the professional

societies including all offices in the I.R.E. Theta Taus hold three offices on the Engineering Council.

Brother Wilson Underwood has just returned from the Tau Beta Pi convention held at Purdue University. He reports a very warm welcome by members of Phi chapter.

The semi-annual Engineers' Ball, co-sponsored by Theta Tau and Trigon, was held October 14 to coincide with homecoming week. It was a great success socially—and

financially. Several alumni returned for the occasion including John Cedar, Bob Detman, Don Hood, Jim Griffin, and Pete Moore.

The brothers are always interested in what the alumni are doing. How about writing us so that we may include you in our newsletters. Just write to Theta Tau, c/o University of Virginia, Engineering School.

Yours in H & T,
Frank Griffin, Corresponding Sec.



Coordination picnic at Pi

Rho Plans Inspection Trip



Rho chapter sends greetings to all Theta Taus. Our chapter officers are: Thomas Z. Osborne, Regent; Wil-

liam W. Bowers, Vice Regent; Russell Sasser, Scribe; Harold Rhudy, Treasurer; Larry Westmoreland, Corresponding Secretary; Richard M. Parker, Marshal; Ed Palmgreen, Inner Guard; George Andrews, Outer Guard. Out



Rho initiates Honorary member and 14 pledges

chapter adviser is Professor T. C. Brown, who also is Theta Tau's Grand Outer Guard.

The highlight of Rho chapter's activities since our last letter was the initiation of fourteen pledges and one honorary member. The chapter was proud to initiate Professor J. W.

Zeta-Phi Psi dance to be held in January. The dance was inaugurated last year in an effort to bring the Engineering, Agriculture, and Textile schools into a closer relationship. Although the dance was successful last year we hope to add to the success this year.



Rho Chapter

Lancaster as an honorary member of Theta Tau. Professor Lancaster is one of the outstanding instructors at North Carolina State and we feel that he will do much for our chapter and our fraternity.

Among the year's activities planned by Rho chapter is the second annual Theta Tau-Alpha

Rho chapter will make an inspection trip on November 2 to the Corbett Truck Plant in Henderson, N. C. This is only one of the inspection trips that we hope to make this year.

Yours in H & T,
Thomas Z. Osborne, Regent

Sigma Celebrates Silver Anniversary



After a very enjoyable Summer vacation Sigma Chapter is once again hard at work with Winter Quarter studies. Our biggest problem this quarter will be in increasing our active membership, since we lost 11 men at Spring and Summer graduation. To this end we plan many smokers at the Chapter House to which friends of the members will be invited.

The officers of Sigma are: Dick Isman, Regent; Bob Brooks, Vice Regent; Ray Warren, Scribe; James Fetter; Treasurer; and Don Jones, Corresponding Secretary. At present we have 17 actives and 13 pledges.

The biggest function for this quarter will of course be the Founders' Day celebration on October 15. This year it is especially important for Sigma Chapter since we will be celebrating our 25th Anniversary. A block of tickets to the Ohio State-Minnesota football game on that day has been secured for the

alumni, and a dinner-dance is to be held that evening. Grand Regent Ames will be our guest at this affair. We hope to have many alumni present to make the celebration a complete success.

Our new Faculty Adviser, succeeding Professor Davis, is Professor C. B. Smith, Sigma '16. Professor Smith is the Civil Engineering Department and has taken a very active interest in the fraternity since assuming his duties in the Spring Quarter.

The Leadership and Professional Development Committee, headed by Brother Leroy Hedges, is busy making plans for this quarter. Informal meetings are held at the Chapter House on Sunday afternoons at which time discussions are held on subjects related to the Leadership and Professional Development Program. Attendees at these meetings have shown a sincere interest in the program. Brother Lowell Norton attended the "Democracy in Action" conference at Green Lake Wisconsin and presented an enthusiastic account of the speakers and the speeches at this conference.

We have active members in the following honoraries on campus: Tau Beta Pi, Eta Kappa Nu and Pi Tau Sigma. In addition we are well represented on both the Engineers' Council and Electrical Engineers' Council.

We are hoping that our intramural football team will have better luck than the softball team had this summer. Their record was one win and four losses. Brother Jim "Triple-Threat" Clemens is in charge of the football team.

We are all proud of Pledge Bill Schneider who has been selected to receive the Lamme Scholarship. He received this honor for being one of the top three in scholastic standing in the Electrical Engineering Department, and for his many extra-curricular activities.

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

Yours in H & T,
Donald F. Jones, Corres. Sec.

Tau Snags Campus Offices



Having lost 31 members through graduation, Tau chapter swings into the fall semester with 29 active. The officers are: Norman E. Nelson, Regent; Philip A. Simmons, Vice Regent; Roland R.

Ricci, Scribe; Arthur J. Hatch, Corresponding Secretary; William J. McAndrews, Treasurer; Malcolm Blinn, Outer Guard; Richard C. Lamkin, Inner Guard; and Leon F. Sinta, Marshal.

Tau's last activity of the spring semester was the sponsoring of the Annual Engineers' Banquet. Under Al MacKay's guidance the affair was a great success. The banquet signalled the return of many of our alumni to the new engineering campus. The highlight of the after-dinner speeches was Tau's charter member Dean Louis Mitchell's address to the graduating seniors. At the banquet, Past Regent Edward Alpert was designated the most outstanding senior of the class of 1949. At present Eddie is employed at the Raytheon Mfg. Co., Boston, Mass.

To start off the Fall semester, Tau chapter sponsored the first event on the calendar, the Annual Engineers' Picnic. Charlie Spadaro was general chairman and thanks to him no one went hungry, in fact Charlie was a bit over generous, what with 40 pounds of hot dogs left over. For a change—it didn't rain! Over 100 students, faculty members and guests attended. Under Sports Director Skip Karbon, Al MacKay and Bob Power, softball games were played on a round-robin basis, with the Civil Engineering students winning the trophy. Their stiffest competition came from the Electrical Engineers. That game went into extra innings with the Civil's emerging on top 6-4. Coupled with the softball activities were golf, football, volleyball, and the most strenuous of sports—horseshoes and cards. In a knock-'em-down, drag-'em-out fight, the lowly frosh captured the flag. It was hung

between two trees 10 ft. off the ground. The sophomores mowed under the flag (at the start) were too few in number and lacked the spirit of the frosh. As a result, the frosh no longer doff their beanie. All in all it was a hang-up affair with perfect weather from beginning to end.

At the engineering student elections this fall, Tau walked away again victorious. As president of the Senior Class, Bill McAndrews succeeded Don Schick, Tau '49. Norm Nelson and Phil Simmons were elected vice president and secretary-treasurer, respectively, with Al MacKay running off with the vice presidency of the Junior Class. Large pluralities were enjoyed by all candidates.

On Saturday, October 15, Tau chapter initiated into its ranks as an honorary Professor Bart J. Conta of the Mechanical Engineering Department. Professor Conta was honored at the Founders' Day banquet held that evening. He will act as chapter adviser replacing Professor D.E. Stearns. Tau chapter wishes to take this opportunity to thank Professor Stearns for his invaluable assistance as faculty adviser.

At present, Tau has no pledges. On October 13, the Fall rushing smoker was held with 41 rushes in attendance. As in the spring rush, we again required each rusher to submit a short essay on why he wished to join Theta Tau. We feel that this move greatly increases the caliber of those attending the rushes.

The next big objective on Tau's list of events is the Engineers' Ball. As in the past, it will be held in the main ballroom of Hotel Syracuse on December 2. By the time the Spring issue of *The Gear of Theta Tau* rolls around another letter will tell you all about the success of this affair. With the spirit and willingness that Tau has this year, it can't help but be a success.

Yours in H & T,
Arthur J. Hatch, Corres. Sec.

Upsilon Moves To New Location



Aside from being six blocks closer to the campus the abode, shall we say environment — is much better. The house is next door to the girls' Scott Dormitory. We have twenty men living in the new house with room for four more men next fall when the landlady moves out of her apartment in the basement.

For the third successive semester we have held the fraternity grade-point record. This past semester we had a 3.50 grade average as compared with last fall semester's 3.33 average.

New chapter officers include: Bill Shook, Regent; Ott Ray, Vice Regent; Corey Senyard, Scribe; Frank Gill, Corresponding Secretary; and Bill Robbins, Inner Guard. John Graves was appointed Marshal. Other chapter officers include David James, Treasurer; Gordon Bushart, Social Chairman; Jim Visser, House Manager; Don Callahan, Outer Guard; and John Hawkins, Intramural Manager. The chapter elected a new faculty adviser, Professor Jim Wiseman. Professor Bu-

seit, last semester adviser is now studying at the University of Texas.

Theta Tau is well represented on the campus. Brother John Sanders is president of Delta Sigma Phi social fraternity. Brother John Hawkins is president of Gregson Hall, the University of Arkansas's new \$710,000 men's dormitory. We have a good representation in the Engineers' Council. We are well represented in Blue Key, O.D.K., Tau Beta Pi, Phi Mu Upsilon, and Phi Eta Sigma. Brother Ray Harrison is Editor and Leroy Brooks is Business Manager of the *Arkansas Engineer*.

Cupid has taken his toll this summer. Active John Lundgren, Frank Sessions, Kou Harrison, and alumni J. O. Grinnell, Dill McFarland, and Gene Merks have fallen to his deadly arrows.

We have just pledged fourteen new men. Our chapter strength has swelled to seventy including the new pledges. Our activities so far this year have included a smoker and listening party. We are looking forward to the Founders' Day Banquet.

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

Yours in H & T,
Frank Gill, Corres. Sec.

Phi Members Enjoy "Cord Parade"



As soon as we were together again this fall, we began to plan a full schedule of bigger and better activities for Phi chapter.

Although not a house function, our first event of the year was the annual "Cord Parade" on October 1, at which

all the seniors in the University, sporting signs, mountaches, canes, derbies, and yellow corduroys, marched triumphantly around the campus with the members of their school. Up until high noon on parade day the main object in the life of a freshman was to capture said cords and fittingly deface them with paint. However, the Theta Tau high-and-mighties escaped the wrath of the lower classmen and entered the procession unscathed.

Our next big affair are the Founders' Day banquet on October 15, the Homecoming celebration on October 22, and a Continuum Pledge Dance on October 29.

During the remainder of the year we will be capably guided by our officers who have proven their worth since last spring: Robert Sravenik, Regent; Robert Morrison, Vice-Regent; Raymond Zirkle, Secretary; and Frank Miller, Treasurer. Howard Cery took over the big job of House Manager this fall, Robert Burnette is Social Chairman, and Robert Mahaffey is Pledgemaster.

Our faculty sponsor is Mr. J. Robert Burnett, former active member of Phi chapter, who is an instructor in the Electrical Engineering School.

At present there are 26 actives and 6 pledges



Seniors Preparing for cord parade

in the chapter. The new pledges admitted this fall are William Bell, James Carls, Joseph Miller, John Lidstrom, Robert Rhinehart, and Thomas Scheuer.

Ten men were initiated into active membership shortly after the beginning of the term. Congratulations were in order for Emil Brest, Raymond DiPasquale, Robert Mahaffey, Eugene Nottoli, Robert Pence, William Phelps, Charles Ross, Edward Wagner, James Wal-smith, and Richard Wickert.

Three of our number hold key positions on the Purdue Engineer, the student engineering publication. Ray Zirkle is Managing Editor, Ray DiPasquale is Issue Editor, and Bob Mahaffey is Assistant Editor.

Last spring six members of Phi chapter received their engineering degrees and left the house with hopes of becoming "captains of industry" in the not-too-distant future. They were Richard Biggs, Norman Ewhank, Robert McGlawson, John Radas, James Rayburn, and David Whitcombe.

Before activities slowed down in June, we organized some social affairs that will remain in our memory for a long time. Highlight of the season was our spring formal, held on

May 14 in one of the bigger ballrooms in the town. The crowd applauded as Brother Bob Compere gave with some hot tenor sax solos.

Later in the spring we threw a gala picnic in the country. We showed off our wrens, pin-girls, etc. during an active vs. pledge softball game and then cooled off with a dip in the old swimmer's hole.

The numbers who stayed at the chapter house during the summer completely refinished the dining room floor and put up a new ceiling. After the fall term began the pledges finished the job by painting the walls and woodwork.

Alumni of Phi chapter have continued to turn up in large numbers at every big football game, homecoming, etc. We are still well represented at U.S. Air Force-operated Wright Field at Dayton, Ohio, no less than a half dozen of our graduates holding positions there. We are always glad to hear from the alumni who get new jobs or get married and just in general talk over old times with them.

Best of wishes from Phi chapter.

Yours in H & T,
Charles P. Ross, Corres. Sec.

Chi Honors Brother Borgquist



The activities of Chi chapter start in earnest on Sunday, October 16, when we will hold our annual Founders' Day Banquet. The highlight of the banquet will be the presentation of a gold watch to Professor

E. S. Borgquist, faculty adviser to Chi chapter for the last 19 years. The watch is a gift from both alumni and active members in recognition of Professor Borgquist's outstanding service to the chapter over its entire life. Professor Borgquist presented his resignation to the chapter last May. As yet his successor has not been appointed and at present Chi is without an official faculty adviser.

On the week-end following the banquet we

intend to hold a picnic for actives, pledges, and candidates for membership. The chief purpose of the picnic is to provide a chance for the members to become better acquainted with the prospective pledges. If possible Chi wishes to pledge several new men within a short time to supplement our present roll of 21 actives and one pledge. Initiation ceremonies will probably be held during the latter part of November.

At present officers of Chi chapter are: Karl Partison, Regent; J. R. Williams, Vice Regent; Louis Hess, Scriber; David Steinheimer, Treasurer; Harvey Nelson, Marshal, and W. P. Gatlin, Corresponding Secretary.

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

Yours in H & T,
W. P. Gatlin, Corres. Sec.

Psi Has Committees For Everything



Officers of Psi chapter, elected last semester, continue to serve the first half of this school year. They are as follows: Jack Gentry, Regent; Charles Presley, Vice Regent; Richard Douglas, Scriber; Bob Ritchey,

Treasurer; Bob Ingertoll, Corresponding Secretary; Wallace Love, Inner Guard; Jim Clement, Outer Guard; and Charles Grimes, Marshal. Curtis L. Granger of the Metallurgy Department continues as our able chapter adviser.

One week after the start of the school year the following pledges were initiated into

ment; Richard Douglas, Scriber; Bob Ritchey,

the brotherhood: G. Brazier, D. Clark, T. Danowski, B. Fahm, A. Gordon, J. Griswold, D. Kozz, E. Kukay, R. Lund, P. McGarry, A. Rey, R. Tushoff, W. VanMetre, F. Vossell, and E. Willner. With these new members our active list swelled to forty-four but the pledge group fell to a scant four so the 4th of October became the date of a very successful dinner held for actives, pledges, and new prospects to our pledge group. In addition to Adviser Graverson, we had two other faculty members as guests, Dr. A. Hanson of the Geology Department and Dr. J. Gruenfeld of the Metallurgy Department.

Our annual fall formal, set for early November, is now being planned by the new social committee consisting of Vossell, Grimes (adviser), Evenson, Kozz, and Brazier.

Other new committees formed are Pledging and Rushing—Presley, Tushoff, Lund, Levandowski, and Bonard; Alumni Files includes Bogt, Love, Rey, Gordon, and Ingersoll; Tent Film Eastlick, Arntzen, Moore, Griswold, Mattson, and Graham; and Lounge Arrangements—Willner, Kukay, Van Metre, Hewitt, and Sherburne. In addition to committees, three new positions have been created: Assistant Treasurer, Tom Mannul;

Assistant Scribe, Howard Banta; and Athletic Director, Claude Barnes.

Charles Presley was elected as our delegate to the Regional Convention to be held in Salt Lake City during November, with Tom Mannul to serve as alternate.

At present Psi chapter has a nice edge on the associated student council of School of Mines, with Vice President Vossell, Treasurer Tushoff, and Delegate-at-Large Presley controlling three of the present four suites. An impending election for a vacant seat at Delegate-at-Large may give us a fourth vote in Bill Levandowski (that's IKSWODNAVEL spelled backwards.)

Psi chapter is sports minded too. The football team has seven Taus on the starting line-up and several subs. Last year's track team has two of the six lettermen. This year's basketball team will have four or five of the dozen berths occupied by Taus. When intramural basketball gets into full swing, several Tau teams will be among the leaders. The Athletic Student Manager, Chuck Grimes, and his assistants, Banta and Ingersoll complete the present Tau sports picture.

Yours in H & T,

Robert Ingersoll, Corres. Sec.

Omega Has Good Professional Development Program

RAPID CITY
• S.D.

Omega chapter extends greetings and best wishes to all active and alumni members of Theta Tau. The fall term finds Omega chapter experiencing the beginning of another successful year at the South Dakota School of Mines and Technology.

Our Regent, Bill McLaughlin, received the high honor of being elected to the position of President of the Student Association last spring. "We are certain that Bill will serve admirably in this capacity. We are also represented in the Junior Class, Boecher Keith Graham being President of that organization.

Omega's Professional Development Program is again occupying a prominent position in campus activities at the School of Mines. The first meeting was held on September 29, with Boecher Francis Estrup, who graduated from the Mines in 1933, presenting the topic for discussion. The second meeting was held on October 13, with Mr. Al Bassett of the American Federation of Labor speaking. The response from those in attendance at both of these meetings shows all indications that the purpose of the program is being realized by more and more of the students and the faculty at the School of Mines. A real boost in the

success of the program has been the wholehearted support of President Warren Wilson of the School of Mines, and Mr. L. R. Palmerston, Director of Student Personnel. Both of these men are aware of the needs of the graduate engineer that cannot be satisfied in the classroom, and they realize that the Professional Development Program is the exact answer to the problem.

A fine illustration of what cooperation can do was well exemplified recently, when the chapter house was entirely repainted in one day. The entire project was under the supervision of the house managers, who enlisted the various members for a specified time during the day. It can truthfully be said that the motto for the day was "minimum time and maximum efficiency."

The spring quarter will find thirty-four of our forty-nine active members becoming new alumni of Theta Tau. To compensate for this loss in membership we have initiated an extensive pledging program. A pledging smoker was held on September 24, at the chapter house, and this was followed by a Founders' Day banquet in the Alex Johnson Hotel, at which time 18 men were added to the pledge ranks. It is planned to hold an initiation in the near future, and supplement this with another initiation in the spring.

Mail from our alumni for Founders' Day was indeed plentiful this fall. We active members sincerely appreciate knowing how our graduated brothers are faring in the industrial world. It is encouraging to know that our alumni are taking their places in the engineering profession and are displaying the true leadership qualities of good Theta Taus.

Professor Kammerman remains as our chapter adviser and is now, as always in the

past, fulfilling his duties with the utmost efficiency. We have also been fortunate in retaining the services of Mrs. Dickinson as our housemother.

Again, the members of Omega Chapter extend their most sincere regards to all brothers of Theta Tau.

Yours in H & T,

Howard C. Peterson, Curran, Sec.

Gamma Beta Active the Year Around



Gamma Beta chapter of Theta Tau National Professional Engineering Fraternity is proud to announce that on October 11, Professor Charles E. Greeley will be initiated to

Honorary Membership in Gamma Beta chapter at a formal initiation followed by a banquet and dance to be held at the Sheraton Hotel in Washington, D.C. Professor Greeley will be the fourth honorary member of Gamma Beta chapter, the other three being Frederick M. Feiker, Frank A. Howard, and George O. Sanford.

The activities of Gamma Beta chapter did not slack off during the summer months. A party was thrown by half of the chapter for the other half (the graduating seniors) at the end of the winter semester. It was followed by two fishing trips down the Potomac later in the summer. Total number of fish caught, two!

Gamma Beta's present chapter officers are George Tittington, Regent; Arthur Schraible, Vice Regent; Howard Grayson, Scribe; Claude Dimmette, Treasurer; James Robins, Corresponding Secretary; Alfred Flynn, Marshal; John McPhail, Inner Guard; Frank Thompson, Outer Guard; John Wagner, Assistant Treasurer; Alvis Craft, Assistant Scribe. Our present acting Chapter Adviser, replacing "Deacon" Grand Regent Ames, is our own esteemed alumnus Dan Blanchard.

On October 8 of this year nine men were initiated into the ranks of this chapter. They were Gerald Summers, Tom Mutchler, John Conner, Robert Cashman, Edward Egloff, Thomas Shipp, L. B. Proctor, Jr., Pete Repak, and George Gelly. This brings the total number of actives in Gamma Beta chapter to 31.

This year promises even greater success for Gamma Beta chapter than ever before.

Yours in H & T,

James Robins, Curran, Sec.

Delta Beta "Like That" With Alumni



The new officers of Delta Beta were installed on Founders' Day and are as follows: Regent, James E. Allen;

Vice Regent, Delmar K. Tucker; Secretary, William J. Gerhard; Treasurer, Sylvester Litton Brown; and Corresponding Secretary, Allen Fine. The chapter wishes to congratulate the new men and compliment the retiring officers for their work during the past year. Professor Miles G. Northrop continues as our faculty adviser.

At present, we have 47 active members and 1 pledges. The present group of pledges will become active at the end of the fall quarter and a new pledge class of freshmen will be formed at that time. It is also planned to start a pledge class of sophomores and juniors within the next week.

The Jacquemont Formal was held last spring as planned and proved to be as successful as those in the past. Practically all the

active members were present and the alumni were well represented.

With the commencement of the Delta Beta News Letter and reactivation of the Louisville Alumni Club, there has been a large increase in active-alumni activities. Among these, is the active-alumni softball game, on the Diamond Debauchery, an annual event which became lost in past years but came back in full swing this last summer. The actives won, 9-1. The alumni have cordially invited all actives to attend their meetings and several have taken the opportunity to see some of the fine films which have been obtained from the Public Library and various business firms in and about Louisville.

On behalf of the alumni, I should like to request that any chapters having alumni in Louisville notify Delta Beta Chapter, 2022 S. 1st St. so that we may contact them and perhaps interest them in our organization.

Yours in H & T,

James Wright

Los Angeles A.A. To Elect Officers

Dear Brother Howe:

The Los Angeles Alumni Association has an active mailing list of about 100 in this vicinity. Our Founders' Day Banquet and dinner meeting will be held October 24 in the Rodger Young Auditorium. At this meeting officers for the coming year will be elected.

It is with deep regret that we learned of the death of our Vice President, Brother Ralph W. Van Valkenburg, Omicron '21. Brother

Jas. W. Sunnick, Secretary-Treasurer, moved out of the State sometime ago and no one has been appointed or elected to fill his vacancy.

Yours in H & T,

Robert A. Calhoun, Pres.

Ed. Note: A subsequent letter lists E. M. Wheeler, President; H. E. Nissen, Vice President; B. E. Gunperis, Secretary, and M. J. Taves, Treasurer.

Twin City A.A. Celebrates Founders' Day

Dear Brother Howe:

I would like to express these few ideas of the Twin City Alumni Association of Theta Tau. Just this past Saturday, October 15, the active chapter and the alumni celebrated our 45th Founders' Day Banquet at the Curtis Hotel in Minneapolis. Present at this meeting were twenty-one alumni, twenty actives and three visitors, two from the University of Purdue and the other from Iowa.

A splendid time was had by all and an award was given to Robert Rosene, Secretary of the Twin City Alumni Association and now residing in Dubuque, Iowa, by the active

chapter for his untiring efforts in his activities around the Theta Tau house.

At the close of our meeting we sent a telegram to Brother Erich J. Schrader, our founder, expressing our best wishes for this the 45th anniversary of our Founders' Day.

Election of officers of our Alumni Association was conducted last year with the following results: Allen B. Benrick, President; Robert Aslesen, Vice President; Robert Rosene, Secretary-Treasurer; and Directors, Robert Lund and Norman Seibert.

Yours in H & T,

Allen B. Benrick, President.

Intermountain A.A. Begins New Year

Dear Brother Howe:

After an inactive summer season, the Advisory Board of the Intermountain Alumni Association of Theta Tau has commenced meeting again and the plans have been made for the annual fall meeting of the group. To be held October 24 at the University of Utah campus, the meeting will feature as guest speaker Mr. Edward W. Naughton, Assistant to the Vice President of the Utah Power and Light Co. An authority on steam electric power generation in this area, Mr. Naughton will describe the growth and development of

electric power demand and supply during the past fifteen years in Salt Lake City. Active members of Lambda chapter are being invited to attend this dinner and plans are in progress for the I.A.A. members to participate in the many active chapter functions this year.

Officers of the I.A.A. serving currently include Elton W. Pace, President; C. Lynn Peterson, Vice President; and John William Jenkins, Secretary-Treasurer.

Yours in H & T,

John William Jenkins, Sec.-Treas.

Little Johnny had just been vaccinated, and the doctor started to put a bandage over the vaccination spot. Johnny objected—he wanted the bandage put on the other arm instead.

"Why, Johnny," said the doctor, "the bandage should be on the sore arm so that the boys at school won't hit it."

"Put it on the other arm, Doc," Johnny insisted. "You don't know those boys!"

A young mother was trying to enroll her five-year-old son in a school, but the principal kept explaining that no child under six could be accepted.

"But my child is mentally as old as six," insisted the mother.

The principal looked at the child skeptically. "Say something," she said.

The little boy looked at her with scorn. "Something purely irrelevant?" he asked.

Alumni Notes

ALPHA

- HOLMAN, WM. FRANK, '09, is supervising engineer at the University of Minnesota, and lives at 429 SE 15th St., Minneapolis, Minn.
- PARKER, WALTER HUNTINGTON, '09, retired as professor of Mining Engineering at the University of Minnesota on June 15th and mail for him should be addressed to 5101 S. Sheridan Ave., Minneapolis, Minn.
- EDGERTON, E. RALPH, '07, is now representative of the Great Western Life Assurance Co., W 422 Riverside, Spokane, and lives at W 419 15th Ave.
- HANKS, ISAAC BAKER, '07, is Pres. & Mgr. of I. B. Hanks & Assoc., 2120 NW Blvd., Spokane, Wash. and mail will reach him at the Davenport Hotel.
- STERNING, JOHN LAWRENCE, '08, mining engineer with the Oliver Iron Mining Co. since his graduation, has office 619 Wolcott Bldg., Duluth, Minn. and lives at 2148 Vermilion Road, Duluth.
- CURTIS, LINDSEY BYRON, '08, is in the engineering department of the Northern Pacific Ry. Co., 1201 N.P. Bldg., St. Paul, Minn., and lives at 1873 Grantham Ave., St. Paul 1, Minn.
- CURTIS, THOMAS HENRY, '12, is associate engineer of the Mo. State Highway Dept. in Jefferson City, Mo., and lives there at 304 South Boonville Road.
- O'BRIEN, JOHN CHARLES, '12, is District Engineer, California State Mining Bureau, 1719 Yuba, Redding, California, and lives at 1644 East St., Redding.
- EDMILLER, HOWARD NELSON, '14, is geologist for the Calumet & Hecla Cons. Copper Co., Calumet, Mich., and lives at 1189 Calumet Ave., Calumet, Mich.
- ROCKWELL, HARVARD, '14, lives at 1631 West 26th St., Minneapolis, Minn. He has recently written a book, "Bridge for Fun" published by the Colwell Press in Minneapolis.
- LUPLOW, WALTER D., '17, Col. USA, who has been 32 years in the regular army, is now District Engineer, U.S. Engineers, 711 South Figueroa St., Los Angeles 14, Calif. and lives at 152 N. St. Andrews Place, Los Angeles 4, California.
- KAPPMANN, HARVEY ERNEST, '18, is safety supervisor, Agricultural Engineering Bldg., Michigan State College, East Lansing, Mich. and lives at 428 N. Dexter Drive, Lansing 11, Mich.
- WUNDERLICH, MILTON S., '18, research director of the Minnesota and Ontario Paper Co., has been named to the firm's operating committee and advisory group to the president.
- KEARNEY, ADRIAN A., '23, is with Brown Industries, E 4324 Utah, Spokane, Wash., and lives at E 803 28th Ave., Spokane.
- LAJENDRECH, HENRY EVERETT, '23, Lt. Col USA, is stationed in Washington with office in the Pentagon Bldg., and lives at 111 First St. N., Arlington, Va.
- MOONEY, FRANK EDGAR, '23, is assistant manager of production and plans Chicago district, Carnegie-Illinois Steel Co., Pittsburgh, Pa., and lives at 346 Parkside Ave., Pittsburgh 16, Pa.
- LEWIS, BERKELEY R., '21, Major USA, can be addressed at the U.S. Embassy, Caracas, Venezuela, S.A.
- BERNER, LLOYD VILL, '27, is a special assistant to the Secretary of State in Washington, D.C., and lives at 7213 Bradley Blvd., Bethesda 14, Md.
- CARY, HOWARD THOMAS, '27, is engineer for the Inter-State Iron Co. in Virginia, Minn. and lives at 314 South 7th, Virginia.
- ANDERSON, REX, '30, formerly stationed in Madison, Wisconsin, is now District Engineer for the Federal Public Roads Administration in Richmond, Virginia.
- HERTEL, R. E., '30, gives his new address as 2794 14th St., Sacramento 18, Illinois.
- KRON, ERNEST CHRISTIAN, '30, is steel metallurgist for the Doehler-Jarvis Corp. 1943 Sneed, Toledo, Ohio, and lives at 2200 Scottwood, Toledo 16, Ohio.
- PETERSON, HARLUP CHESTER, '33, is superintendent of exploration for Freeport Sulphur Co. 1804 American Bank Bldg., New Orleans, La. and lives at 721 Exposition Blvd., New Orleans.
- ROHNE, ROBERT W., '41, has moved to 1189 Bluff St., Dubuque, Iowa.

BETA

- KUMKE, CHARLES A., '07, mining engineer, is now with the U.S. Bureau of Mines, Tucson, Arizona, and mail should be addressed to him at Box 4097 University Station, Tucson, Ariz.
- CAMERON, C. BURCH, '10, is superintendent of the Ore Conditioning and Sintering plant in Bessemer, Alabama, for the Tennessee Coal, Iron & Ry. Co.
- FERRIN, ALBERT L., '11, is at Mina Tabano, Tiquetras, Narina, Colombia, S.A. He has been in Colombia over 11 years doing ex-

- amination and exploration work for various companies and probably has covered more of Colombia than any engineer in that section.
- KLEPETKO, ERNEST, '11, is chief metallurgist of the Combined Metals Reduction Co. at Bauer, Utah, but lives in the little town of Stockton, near Brier.
- ELLIOTT, GORDON, '12, is engineer at the Ford Motor Co. Long Beach Assembly Plant, Long Beach, California. Mail should be sent to 2102 Magnolia, Long Beach, Calif.
- SCHABER, CARL F., '12, is now with the MacKenzie Engineering Co. 8 Duke St., Manchester Square, London, England, as resident engineer in charge of construction of a new 100,000 ton steel plant in Yugoslavia. His permanent address remains at 180 Tin Ave., Deming, New Mexico.
- SNYDER, EDWARD H., '12, is now president of the American Zinc Institute.
- BRANDT, MAURICE LINCOLN, '16, is chief engineer for the Pickands Mather Co. in Hibbing, Minn., and lives at 2812 1st Ave., W. Hibbing.
- MCNAUGHTON, CLARK HODGACK, '19, is general supt. of the Tennessee Copper Co., at Copperhill, Tenn.
- ROGERS, KENNETH A., '19, who is in the administrative offices of the Davis Dam Transmission System is now living in Phoenix, Ariz., as the office was transferred there from Parker Dam, Ariz.
- WOOD, ALTON FRASER, '19, is associated with the firm of Wood & Brooks Co., Ontario & Kenmore, Buffalo, N.Y., and lives there at 108 Cleveland Ave.
- COUGHLIN, DANIEL EMMETT, '20, is mine superintendent of the Danube Mine for Pickands Mather & Co., and can be addressed at Burrey, Minn.
- SEAMAN, LARRY, '22, is Project Mgr. of the Iron Mines Co. of Venezuela, a subsidiary of Bethlehem Steel Co. At present he is in Guiria, Estado Sucre, building a port from which to ship iron ore and when that job is completed he will return to his headquarters in Caracas, Venezuela.
- LAWSON, WALTER C., '23, has been manager of the Ajo operations of the Phelps-Dodge Corp. since last spring. He started with the company at Ajo in 1926, and in 1937 was sent to Morenci as chief mine engineer. In 1942 he was made mine superintendent at Morenci and general superintendent in 1946.
- MAC ARTHUR, STANLEY HERBERT, '23, is Vice Pres. and Director of Glens Falls Portland Cement Co., and mail should be sent to P.O. Box 440 Glens Falls, New York.
- NILSEN, N. E., '24, is now chief Genl. Mgr. of the Empress, Laloma, and Dolphin Mining Co. with headquarters in Melbourne, Australia. Half of his time will be spent in the Fiji Islands where he was general manager of the Vatuakoula properties.
- WEER, HERBERT CARROLL, '27, is General Supt. of the Inspiration Cons. Copper Co., in Inspiration, Arizona.
- ZAYD, ROBERT S., '27, is senior investigator for the City of Detroit and lives at 14733 Winthrop, Detroit, Mich.
- BARTON, GERALD MORAN, '26, has had his own business for some years, G. M. Barton Survey Co., 320 Ontario, Toledo, Ohio. Home is on Anthony Wayne Memorial Trail, Maumee, Ohio.
- GRAVES, RISTON H., '28, is coordinator of construction, alterations, and transportation for United States Metal Refining Co. at Carteret, New Jersey.
- SCHON, H. H., '34, has left Phelps-Dodge in Bisbee and is now with Frontina Gold Mines Ltd., Segovia, Antioquia, Colombia, S.A.
- ALLEN, JOHN U., '31, Lt. Col. USA, Corps of Engineers, Staff Engr. with the 20th Air Force on Guam, M.I. is at present at the Staff School in Ft. Leavenworth, Kansas.
- LANGE, WILLIAM H., '36, is now city manager of Norway, Mich.
- HAFEMEYER, ROBERT N., '37, is a metallurgist and employed in Waukegan, Wisconsin.
- HARRINGTON, PAUL L., '38, reports the birth of a daughter, Patricia Rae, on March 10, 1949.
- KROHN, HERBERT F., '38, is assistant metallurgical supervisor, Bethlehem Steel Co., Bethlehem, Pa. and lives in Nazareth, Pa.
- BERRY, AUSTIN L., '40, Col. USAF is attending Air Command and Staff School at Maxwell Field.
- BROTHERTON, RICHARD W., '40, Major USA is at present enrolled in the School of Business Administration, New York University, and hopes to get his Master's next June.
- KRUIT, DONALD J., '40, Major USA, is stationed in Stuttgart and is 5-3 of an Engineer Combat Battalion attached to the U.S. Constabulary. He announces an increase in the family, Karen Ann, born in Frankfurt on November 10, 1948. Mail should be addressed to him c/o APO 737, Postmaster, New York 1, New York.
- MARTIN, WILLIAM F., '41, has announced the birth of a son, Leland K., in March, 1949.
- HANELL, HENRY M., '42, and Miss Alberta L. Bedell of Saranac Lake, New York, were married on May 1, 1949. They are living in Lake Linden, Mich.
- HOWARD, LOREN ELWOOD JR., '42, is engineer for the Amplex Division Chrysler Corp., 6101 Harper, Detroit, Mich.
- CLEMENTS, THOMAS PATRICK, '43, is sales engineer for Westinghouse Electric Corp. 20 N. Wacker, Chicago 6, Ill., and lives at 726 W. Cornell Ave., Chicago 13, Ill.
- EDDY, ROBERT A., '43, asks that his mail be sent to 44 Woodland Road, Auburn, Mass.

- SIEMERT, ARTHUR PAUL, '41, is metallurgist for the Central Foundry Division of General Motors Corp., at Defiance, Ohio.
- DICK, RAYMOND M., '44, is contract field engineer for the Philco Corp.
- HONEY, FRANKLIN B., '44, who received his BSChE at the University of Michigan in 1948, is employed as materials control supervisor by the Central Paper Co., Muskegon, Mich., 2401 Lakeshore Drive.
- CARLSON, HOWARD JOHN PETER, '47, is design engineer on the staff of the Kimberly-Clark Corp., Neeah, Wisconsin, and lives at 609 Maple St., Neeah.
- DOREY, ARTHUR, '47, and Miss Marian Schafarzok of Fairhope, Ala. were married on December 4, 1948, in the University of Chicago Chapel. He is engineer for the Standard Oil Co. of Ohio, and home is at 818 Maple St., Mt. Vernon, Illinois.
- SAMPSON, RICHARD, '47, announces the birth of a daughter April 16, 1949.
- WILLARD, ROBERT E., '47, is in Florida as safety engineer for the U.S. Fidelity & Guarantee Co.
- ANDERSON, LAWRENCE L., '48, is field engineer for the Cardor Corp. 187 N Michigan Ave., Chicago, Ill.
- EDWARDS, WILLIAM H., '48, has a son, Peter Moore, born June 17, 1949.
- FERRILL, JOSEPH M., '48, is a trainee in the engineer program of the Hartford Accident and Indemnity Co. in Chicago, Ill.
- HANSON, NEIL L., '48, is sales manager for the Dorr Co. stationed in St. Paul, Minn.
- LEONARD, DONALD J., '48, is sales engineer for the United States Graphite Co. in Detroit, Mich. Home is at 1156 Hildont, Detroit, Mich.
- ALEXMA, RICHARD J., '49, is a trainee with St. Easton, Pa.
- Ingersoll-Rand Co. and lives at 111 S Sixth
- BIANCHINI, GEORGE V., '49, is working for the Allison Division, General Motors Corp., in Indianapolis, Ind., as a test engineer.
- EWING, DANIEL C., '49, is reported to be with General Electric Co. in Schenectady, N.Y.
- FERRILL, JOSEPH M., JR., '49, and Miss Iris Christine Cargo, were married August 6, 1949, in Houghton. Temporarily they are in Chicago where he is employed as safety engineer for the Hartford Ins. Co.
- FIRTH, HARRY C., JR., '49, is a civil engineer with the Oregon State Highway Dept., and lives at 808 Fourth St., La Grande, Oregon.
- HUKES, BURN, '49, is working in Delavan, Wisconsin as an engineer for the Central Contracting Co. of Oshkosh, Wis.
- JOHNSON, ROBERT E., '49, is a construction engineer for the city of Huntington Woods, Michigan, and lives at 382 W Hayes, Hazel Park, Mich.
- MILLAS, VINCENT A., '49, gives his mailing address as 24839 Dunning, Dearborn, Michigan.
- TERVO, FREDERICK E., '49, is a metallurgist with Kaiser-Fraser in Dearborn, Mich.
- WHITNEY, RUTH, '49, is a construction supt. in Sheridan, Wyo.

GAMMA

- GRANT, LESTER S., Hon. has retired as Vice President and Manager of the McElroy Ranch Co. large oil producing subsidiary of the Franco-Wyoming Oil Co. His headquarters have been in the office of the company, Leggett Bldg., Midland, Texas, where he still receives mail, but the preferable mailing address is P.O. Box 912.
- MARSHALL, EMORY MILLER, '11, mining engineer, has retired and is living on his ranch in Nevada. Mailing address is Box 914, Minden, Nevada.
- MATHESON, KENNETH E., '11, now lives at 150 North Nevada Ave., Colorado Springs, Colo.
- WALKER, STANLEY M., '11, senior mining engineer, U.S. Bureau of Mines, wants mail sent to his home at 1600 12th Ave. South, Birmingham 1, Ala.
- KINLOCK, ALAN '12, is president of the Alan Kinlock & Co., 90 Pine St., New York City, and lives in Laurelton, New Jersey. He holds many patents for the metallurgy of molybdenum and its alloys.
- HARRON, WAYNE A., '16, Senior Safety Engineer, Division of Industrial Safety, State of California, wants mail sent to his home at 9020 Wheatland Ave., Sun Valley, California.
- ANDREWS, THEODORE H., '17, is assistant division production supt. Stanolind Oil & Gas Co., Box 1410, Fort Worth, Texas, and home is at 3900 Merida, Ft. Worth.
- MUNN, HAROLD E., '17, is a consulting mining engineer and his mailing address is Flat No. 2, Cullingwood St., Drummond, New South Wales, Australia.
- WINCHELL, JOHN H., '17, (has his law offices at Suite 311 Majestic Bldg., Denver 2, Colorado).
- ANDERSON, RAY B., '18, assistant manager of the industrial division U.S. Gypsum Co., has a new residence at 2161 Central St., Evanston, Ill.
- MCCOY, R.J., '18, for many years manager of the Edwards Division of the St. Joe Lead Co., at Balmat, N. Y., is now in the New York office and wants mail sent to his home, Apartment 1-B, 20 East 84th St., New York City.

- METZGER, O.H., '19, field geologist for Union Mining Development Corp., is addressed at 12 Copper State Court, Tucson, Ariz.
- ROBERTSON, FITCH, '28, former mayor of Berkeley, Calif., is now in the insurance business, and lives at 10 Casa Court, Walnut Creek, Cal.
- POKE, HARRY M., '21, lives at 6 Ardley Terrace, Ardley on Hudson, New York. He is a special representative, Petroleum Division of Ingersoll-Rand Co., 11 Broadway, New York City.
- ROBERTSON, JOHN, '22, is mechanical engineer for the U.S. government, and gets mail at 131 Kenmore, Bel Air, Maryland.
- CRANTON, RONALD F., '23, lives at Apt. D, 2109 Park Lane Court S. Mountain Brook, Ala. He works for the Equipment Service Co. of Birmingham, Ala.
- PRICE, BAILEY E., '23, has moved to New York City with address at 230 Park Ave.
- HUTTON, JOHN L., '21, is manager of the Clark Controller Co. 615 Ferguson Bldg., Cleveland, Ohio.
- FOULIN, JOHN A., '21, left Venezuela and can now be addressed at Oil & Gas Division, Foreign Branch, U.S. Dept. of Interior, Washington 25, D.C.
- RENNEN, HOWARD C., '21, is now assistant supervisor, Battelle Memorial Institute, and lives at 91 Fallis Road, Columbus, Ohio.
- BROWN, LEROY F., '26, is now with the W. H. Loomis Talc Co., Gouverneur, N.Y.
- CRONIN, GEORGE H., '26, Major USA, can be addressed at Quarters 111, Fort Francis E. Warren, Cheyenne, Wyoming.
- SHAHAN, JOHN A., '24, is chief heating engineer for the Atlanta Gas Light Co., 243 Peachtree St. NE, Atlanta, Ga., and gets mail there at 693 E. Paces Ferry Road, Atlanta.
- DONNELLY, ALDEN S., '22, has been made vice-president and a director of Houdah Oil Corp. and will serve as manager of the mid-continent operations. He can be addressed c/o the company, Drawer 1191, Midland, Texas.
- ADAMS, THEODORE F., '29, is now living at 708 Elm St., Denver 7, Colo. He is a mining engineer for Brown & Root Inc. of Houston, Texas.
- WELLS, JAMES R.W., '28, is with Ingersoll-Rand Co., 1700 Third Ave. South, Birmingham, Ala., and lives there at 127 Main St.
- ZWICK, BEN F., '29, formerly with Standard Oil Co. is now Vice President of Husky Oil & Refining Co. Ltd. in Canada, and mail should be sent to him at 531 8th Ave. West, Calgary, Alberta, Canada.
- BOWEN, KENNETH R., '30, is district supt. Shell Oil Co., Box 787, Quinman, Texas.
- GIBSON, ROBERT L., '30, is Division Reservoir Engineer for Shell Oil Co., Inc., Corpus Christi, Texas.
- MARSHALL, J. GILBERT, '31, is Project Manager for the Flour Corp. Ltd., and has a new home address at 116 Evelyn Drive, Anaheim, Calif.
- WILKINSON, JAMES C., '31, is production superintendent for the Gasoline Production Co. and wants mail sent to his home at 210 Cromwell Drive, San Antonio, Texas.
- BENNETT, ARTHUR B., '32, can be addressed at 103-B Sazanga Ave., N.O.T.S., Inyokern China Lake, California.
- SAVAGE, ALFONSO C., '32 (formerly Swiss-savage) works for New Jersey Zinc Co., Austinville, Va.
- SMITH, DALE M., is mgt. Hardware Dept. Grier Lumber Co., Cheyenne, Wyo., and lives at 3115 Day Ave., Cheyenne.
- ZWICK, WALTER H., '32, has a change of address. It is now 3401 N.E. 10th Ave., Apt. 1, Portland 11, Oregon.
- LEWIS, PERRY ALLEN, '33, is engineer in the exploration department American Smelting & Refining Co., 700 Pacific National Life Bldg., Salt Lake City, Utah, and lives at 1219 East 4th South, Salt Lake City.
- JEFFRIES, E.H., '34, with Surface Combustion Corp. in Cleveland, lives at 2077 Hanover Drive, Cleveland Heights 12, Ohio.
- MCCLURE, FRANK L., '34, is now manager of the Export Sales Division of Explosives for the E.I. DuPont de Nemours & Co. in Wilmington, Del.
- DAGGETT, WILLIAM KENNETH, '35, is sales manager for the Wales Jet Services Inc. in Ft. Worth, Texas.
- HALL, LARROY, '31, has moved and is now with the Camp Bird Mine at Ouray, Colorado.
- LAY, DENT L., '31, Lt. Col. USA, has left Ft. Warren and is now a student at Ohio State University. His mailing address is 4483 Elks Drive, Columbus, Ohio.
- NEEL, JAMES F., '31, asst. district supt. The Texas Co., is now located in Ft. Worth, Texas, and gets mail at Box 1720.
- TRUX, CLYDE L., '31, topographical engineer for the U.S. Geological Survey, is now living at 810 10th St., Golden, Colo.
- VOLIN, M.E., '33, Senior Mining Engineer, U.S. Bureau of Mines, can be addressed at Kabul, Afghanistan, P.S., c/o Dept. of State, Washington 25, D.C. Airmail must be used or it is unlikely that the letter will reach him. He arrived in Afghanistan last May driving over the famous Khyber Pass. He hopes to be back at his headquarters in Salt Lake City in December.
- MENCKNER, JOHN C., '34, is with Bethlehem Pacific Co. in San Francisco, and lives at 1299 Santa Lucia, San Bruno, Calif.
- STRAIN, WILLIAM E., '38, is supervisor, Geophysical Dept., Superior Oil Co., Oil & Gas Bldg., Houston 2, Texas.
- ANDERSON, LEWIS D., '39, can now be ad-

- dressed c/o General Chemical Box 389, Galax, Virginia.
- CROWLEY, ALLEN S., '39, field engineer for Hercules Powder Co. lives at 404 Moffett St., Joplin, Mo.
- SWARTZ, TENCH G., '39, is now field engineer for Arizona and northern Mexico for Denver Equipment Co. attached to the El Paso Division, but mail should be sent to him at 7021 Morrow Court West, Phoenix, Arizona.
- YOUNG, HERBERT L., '39, who is with the Trucon Steel Co., has changed his residence to 4119 Atlantic Ave., Long Beach 7, California.
- BLUTHI, J. GARDNER, '40, has a new address at R.D., Jacksonville Road, Burlington, New Jersey.
- DOWLIN, DONALD H., '40, announces the birth of a daughter, Carolyn Brooke, on July 2, 1949. He is assistant chief engineer for the Buckeye Coal Co., subsidiary of the Youngstown Sheet and Tube Co., and can be addressed at Nemacolin, Pa.
- DUMME, S. REEVE, '40, who is geologist for the U.S. Engineer Corps makes his home at 1141 Grant Ave., Fresno, California.
- PARR, EVERETT M., '40, is employed as mine supt. with U.S. Vanadium Co., Urevan, Colo.
- THORNTON, HERBERT D., '40, is secretary of the McElroy Ranch Co. 122 Neil P. Anderson Bldg., Dallas, Texas, a subsidiary of the Franco Wyoming Oil Co., and lives at 1109 Bryce, Apartment 18-B, Dallas.
- WALKER, AUGUST WHAITE, '40, is airport review engineer for the Civil Aeronautics Administration in Seattle, Washington, and mail should be sent to 12824 70th Place South, Seattle 48.
- YASGER, GEORGE G., '40, with Aluminum Co. of America is now with company's purchasing department in Pittsburgh and lives at 3229 Circle Drive, Pittsburgh 27, Pa.
- BIRTS, JOSEPH K., '41, is now mine superintendent for the Union Pacific Coal Co., Superior, Wyoming.
- GHARING, DAVID A., '41, represents All-Chalmers Mfg. Co. in Denver, Colorado.
- PATTY, WALTER LAMAR, '41, who represents DuPont in Joplin, Mo., wants mail sent to his new home at 2939 East 14th St., Joplin, Mo.
- KIERCH, GEORGE A., '42, is geologist for Corps of Engineers, War Dept. and mail should be sent to his home at 4811 Berkshire Ave., Sacramento, California.
- MANN, FRANCH W., '43, announces the birth of a daughter, Catherine Elaine, born February 13, 1949. He is assistant to superintendent Products Pipelines, Standard Oil Co. of Indiana, 910 Michigan Ave., Chicago, Ill.
- SHELTON, WILLIAM F., '43, is now associate engineer, Humble Oil & Refining Co., 1601 Canal Bldg., New Orleans 12, La.
- SPAIN, WILLIAM F., '41, has a son, William F. Jr., born January 12, 1949. Brother Spain is shift boss for Howe Sound Mining Co., Holden, Wash.
- SHAW, ROBERT P., '46, reports the birth of David Patrick Shaw, on April 18, 1949. Bob represents Black, Sealls & Bryson in Casper, Wyoming.
- FLYNN, REE, '47, is with Standind Oil & Gas Co. Elk Basin, Wyo.
- MAGNIE, ROBERT L., '47, is now with The Texas Co. and can be reached at 1141 Rogers, Abilene, Texas.
- MAHANNAN, R.S., '47, Junior Engineer, Shell Oil Co. is now at the Oklahoma City office, 963 First Natl. Bank Bldg.
- McKEEVER, J.H., '47, geologist for the Standind Oil & Gas Co., is addressed in their care 336 8th Ave. West, Calgary, Alberta, Canada.
- REDDING, H. DELL, '47, Asst. Supt. Drilling for Phillips Petroleum Co., City National Bank Bldg., Houston, Texas, wants mail sent to his home at 2217 Barbou, Houston 4, Texas.
- SEETON, FRANK A., '47, test engineer for the Denver Equipment Co. lives at 2701 Steele St., Denver, Colo.
- HUCHENBERG, SAMUEL M., '48, is with the Atlas Powder Co. in Allentown, Pa., and he gets his mail in that city at 1232 South 9th St.
- MANTONIS, MARTIN A., '48, is petroleum engineer with The California Co., Rangely, Colorado.
- MENER, GORDON M., '48, is now shift boss for the Pend Oreille Mines & Metals Co. Box 2, Metairie, Washington.
- NICKERSON, KENNETH, '48, can be addressed at c/o McElroy Ranch Co., P.O. Box 192, Buckenridge, Texas.
- PEISO, JOHN F., '48, is with Climax Molybdenum Co., Climax, Colo.
- PETER, PHILIP W., '48, is mining engineer with U.S. Gypsum Co. at Flomaton, Virginia.
- TOWNSHEND, MORGAN T., '48, is a Technical Advisor, Nevada Copper & Brass Co., 5811 West Jefferson Ave., Detroit 8, Mich.
- WILSON, JOHN HUBMAN, Jr., '48, is a pumpier with the Fred H. Manning Inc., Ft. Worth, Texas.
- JOHNSON, WARREN O., '49, is at 601½ East Grant St., Pauls Valley, Okla.

DELTA

- ANDERSON, ROBT. J., '14, who was metallurgist for the Goodyear Tire & Rubber Co., is now consulting metallurgist for light metals, and can be addressed at 1932 Illinois Ave. NW, Washington 11, D.C. He has been for many years an authority on light metals and the author of books and articles on aluminum.
- MITCHELL, RALPH F., '22, is city manager of the City of Bath, Maine.
- ZAMOUR, ROBERT L., '23, has rejoined the Westinghouse Lamp Division at Bloomfield, N.J. Home is at 406 Watchung Ave. Bloomfield.
- JAMES, ANDREW L., '24, gives his mailing address as 2681 Gulf to Bay Blvd., Clearwater, Florida.
- VON KAISER, KARL HOMER, '24, is research engineer in the laboratory of the Pittsburgh Plate Glass Co., Crichton, Pa., and lives at 33 Pearl Drive, Pittsburgh 27, Pa.
- ABBOTT, GEORGE M., '25, is American Consul General, Saigon, French Indo China.
- DOLL, DENTON T., '27, is now with the U.S. Atomic Commission at Los Alamos, New Mexico.
- OSTERHOLM, ROBERT WILLIAM, '28, is assistant manager of the Ohio Power Co., 101 Cleveland Ave. SW, Canton 2, Ohio, and lives at 318 34th St., Canton.
- SMITH, HARRY W., '10, has moved his office to 187 Fifth Ave., New York.
- GRAY, GORDON N., '31, is now general manager of the Bryant Heater Co., Tyler, Texas, where his home is on Old Bullard Road.
- BARTH, JOHN A., '32, is chief engineer for the Barth Stamping & Machine Works in Cleveland, Ohio, and has a new home in Beekville, Ohio.
- RANEY, NOEL, '34, and Miss Helen Mary Green were married on August 14, 1948.
- HARTMAN, ROLAND O., '35, is now supervisor of the research laboratory of the American Steel & Wire Co., 1230 Marquette Road, Cleveland, Ohio, and lives at 4387 W 63rd St., Cleveland.
- SINCLA, KENNETH FRANCIS, '35, is assoc. prof. of EE at the University of Akron, and lives at 1741 13th St., Akron, Ohio.
- NAUBERT, AUSTIN G., '36, went in a change of address. It is now 85 W. Congress St., Room 161, c/o American Telephone and Telegraph Co., Chicago, Ill.
- BATTENSON, GEORGE F., JR., '37, lives at 164 Gröwald Drive, Youngstown 7, Ohio.
- THOMAS, KENDALL E., '37, and Miss Augusta Mary Holmes were married in July 1948.
- LOFFELER, EDWARD J., '38, and Miss Rosa Longacker were married on November 13, 1948. He is with Warner & Swaney Co. of Cleveland, O.
- NEVILLE, ROBERT, '38, announces the birth of a son, Tommy, on November 1, 1948.
- BOLZ, KAY, '40, has completed his work for a Ph.D. at Yale.
- FITZWILLIAM, JAMES, '40, received his Ph.D. in Physics from M.I.T. several years ago and is in the laboratory of The Texas Co. in Beacon, New York. He is also doing some teaching at Rensselaer Polytech.
- HENRIKSON, KARL G., '40, and Miss Violet Peterson were married in September 1948.
- HECKMAN, WILLIAM, '41, represents the Clark Controller Co. in Syracuse, New York.
- AMBRIDGE, HARRY, '42, is at the University of Tennessee.
- GREENWOOD, IVAN A., JR., '42, has published a book "Electronic Instruments" distributed by the McGraw-Hill Book Co. It is a reference book of 721 pages and sells for \$9.00.
- HEFFERTY, DAVID, '42, is with the Austin Co. and living in Oak Ridge, Tenn.
- KLINGEL, ARTHUR, JR., '42, has a new home in Chagrin Falls, Ohio.
- MARTIN, RICHARD, '43, is with the Outer Mfg. Co. in Cleveland. A son, Ricky, was born to him in Dec. 2, 1948.
- SYMES, L. H., '43, has moved to 1317 Belvue Road, Mayfield Heights 24, Ohio.
- VERMILLION, JOE, '43, with Thompson Products in Cleveland, has a year-old son.
- YOUNG, JACK M., '43, and Miss Martha Stiles were married in September 1948. They are at home in Washington, D.C., where he is with the U.S. Patent Office.
- CRAMPTON, JOHN, '44, is in business for himself as a manufacturer's agent in Cleveland representing four Detroit firms.
- JEROMSON, JAMES ROBERT, '44, and Miss Carole Guenther were married in July 1948.
- PARKINS, HOWARD SCOTT, '44, graduated from the University of Arizona in 1948, and is now with General Foods in Los Angeles, Calif. They have a new daughter, Diane Lynn.
- NEUBITT, DAVID, '45, represents Dowell Inc. in Charleston, West Va.
- ROTH, HOWARD, '45, is with Hirschberg & Scott Co. in Cleveland, Ohio. Home is at 2741 Belvue Blvd., University Heights, O.
- SHELLEY, HOWARD A., JR., '45, received his M.S. from the Harvard Graduate School of Business Administration in June 1948.
- CONANT, JAMES, '46, and Miss Dorothy Leon Stephens were married in Sept. 1948. They are living in Boston while he is completing his last year at the Harvard Graduate School.
- LEITE, GENE V., '46, gives his new address as Box 710, Fairbanks, Alaska.
- MEADE, NORMAN, '46, is a junior civil en-

gineer with the California Dept. of Public Works, Division of Highways, Los Angeles, Calif.

SOGAN, TOM, '47, is a district engineer for General Electric Co., Williamson Bldg., Cleveland, Ohio. Home is at 4352 E Blvd., Cleveland.

WILCOXER, BERNARD, '47, is production engineer at the General Electric Co. Cleveland Equipment Works, 45th St. In August 1948, he was married to Miss Emily Augustin.

YAPPEL, ANTHONY R., '47, is teaching at the University of Arizona.

BARIE, CARL S., '48, is with the Keyes-Traub Co. in Cleveland.

GERACE, FRANK, '48, is with the United Engineers and Constructors Inc. in Philadelphia, Pa.

GRAHAM, ROBERT, '48, is on the faculty of Purdue University.

WILKETT, RICHARD F., '48, has moved from Philadelphia to 3444 East 110th St., Cleveland 4, Ohio.

ODYS, WILLIAM C., '49, gets his mail at 2130 Greenwood Road, Toledo, Ohio.

SCHULTZ, CHARLES, '49, was president of the Senate at Case last spring. His home is at 1628 E 85th St. Cleveland, Ohio.

EPSILON

GESTER, GEORGE CLARK, '38, retired recently after 32 years with the Standard Oil Co. of California. He was consulting geologist in recent years and previously had been chief geologist for many years. A recognized authority of petroleum deposits his work took him to every continent. He has flown, walked, or ridden, thru parts of Bahrain, Arabia, N.W. Canada, East India, S. America, Egypt, etc.

ALLEN, CHESTER A., '13, is in the real estate business in Sausalito, California.

KAY, WM., '13, chief geologist for the Standard Oil Co. of Calif., last spring made an extended tour of the oil refineries of the middle east.

MCLAUGHLIN, DONALD H., '14, has been appointed chairman of the National Committee of sponsors of the Harvard Foundation for Advanced Study and Research.

KERR, JOHN B., '15, is now National Gas Engineer, with the Federal Power Commission, Washington, D.C. Mail should be sent to 4000 41st St. NW, Washington 16, D.C.

DUNCAN, DAN, '18, has been appointed executive engineer for the International Derrick & Equipment Co. He will have charge of all the firm's engineering and his headquarters will be in Beaumont, Texas.

SEIGNON, PHILIP J., '22, has become head of the Department of Mining Engineering at the University of Utah in Salt Lake City.

METZ, JOHN, '25, is mine supt. of the Malartic Gold Fields Ltd. Hales P.O., Quebec, Canada.

VOORE, GEORGE, '23, has left the New Mexico School of Mines and is now consulting geologist for D.D. Feldman, oil producer, Mercantile Bank Bldg., Dallas, Texas.

WILES, GLENN M., '25, is now division manager of the St. Louis Smelting & Refining Division of the National Lead Co. with offices at 111 Broadway, New York 6, N.Y.

DONALDSON, W. G., '24, has returned from Honduras after developing and equipping the San Andres mine owned by New Idera Honduras Mining Co. He is living at 38 Alta Road, Berkeley, Calif. His office is in the Mills Bldg., San Francisco 4, Calif.

HUGHES, DAVID TONY, '24, is district engineer for the General Petroleum Corp., 141 S Center St., Casper, Wyo., and lives at 1025 South Oak Crest Ave., Casper.

PENNYBAKER, E. N., '24, and wife, of Globe, Ariz., have gone to South Africa where he is geologist for the O'okiep Copper Co., Nababerg, Union of South Africa.

SWEET, JAMES RAYMOND, '24, has returned from Africa and is now Genl. Mgr. Tungsten Mining Corp., Henderson, N.C., and lives at 230 Virginia Ave., Henderson.

MAGUIRE, WILLIAM, JR., '25, is with the Pacific Coast Boiler & Tank Co. of San Francisco, Calif. Home is in Oakland at 21 Entrada Ave., Oakland 11, Calif.

PROBERT, ALAN, '25, is with the U. S. Smelting, Refining & Mining Co. in Alaska, and gets his mail at P.O. Box 1178, Fairbanks, Alaska.

ROTT, EDWARD HERMAN, '25, is with the export division of the Joy Mfg. Co., 130 5th Ave., New York City, and lives at Apt. 804, 378 West End Ave., New York 24, N.Y.

SHARPSTONE, DAVID, '25, is a mining engineer with Frohisher Exple. Ltd. in Toronto, Canada. Much of his geological work is being done in Africa where at one time he was chief geologist for Ronan Anlepo. His mailing address is P.O. Box 1793 Bulawayo, Southern Rhodesia.

WHITE, GORDON H., '25, recently left the Shell Oil Co. to become an independent operator. He has incorporated his own company under the name of the Niles Oil Co. with offices at 1404 M & W Tower Bldg., Dallas, Texas.

ROADWAY, EDGAR ATKINSON, '26, is general

- manager of the Quebec Asbestos Corp. Ltd., East Broughton Station, Quebec, Canada.
- EASTMAN, DU BOIS, '28, is assistant director of engineering research, The Texas Co., 115 East 42nd St., New York 17, N.Y., but mail should be sent to 2265 Floral Drive, Whittier, California.
- RHODADES, RONER FARNYWORTH, '28, is engineer and geologist for the U.S. Bureau of Reclamation, Federal Center, Denver, Colo., and lives at 1422 Magnolia St., Denver.
- KOCH, DONALD ERIC, '29, is chief petroleum engineer for the Superior Oil Co., Box 1417, Shafter, Calif., and lives on Birch St., Shafter. He wrote the Grand Scribe that he expected to make a trip to Canada where his company is starting a drilling campaign.
- MCQUINN, FRANK W., JR., '29, is metallurgist for the Newmont Mining Co., 14 Wall St., New York City, and consultant to the Atomic Energy Commission.
- SEAGER, GEORGE FARRINGTON, '30, is consultant for an export house, James S. Baker & Co., 110 Market St., San Francisco, California, and lives at 1010 Walnut St., San Carlos, California.
- BENFORD, C. F., '31, has been made division production superintendent for the North Texas-New Mexico Division of the Standard Oil & Gas Co.
- ALLEN, JOHN ELIOT, '32, formerly at Penn State has joined the department of geology at the New Mexico School of Mines, Socorro, New Mexico.
- HAYES, JACK P., '34, is production supt. for the Inter Oil Co., Dallas, Texas, but mail should be sent to 64 Bacon Bldg., Abilene, Tex.
- KILKRENEY, JOHN EDWARD, '35, is chief geologist of the Chandler-Catfield Midway Oil Co., in Los Angeles, California, and lives at 421 North Marengo, Alhambra, California.
- GREGORY, JOSEPH T., '36, is curator of the museum of paleontology at Yale University, in New Haven, Conn. Likewise he teaches some post-graduate courses.
- SMITH, RONOR MAURILE, '36, is a shift boss with Westvaco Chemical Co., Westvaco Mine, Green River, Wyoming, and receives mail at P.O. Box 282, Green River.
- TURNER, MARSHALL E., '37, is now production engineer for the Continental Consolidated Corp., in Long Beach, Calif.
- DOUMA, JOHN HENRY, '38, is assistant capt. of Production, Barnsdall Oil Co., in Tulsa, Okla., and lives at 3104 South Trent, Tulsa.
- GUMPERTZ, BEN E., '38, lives at 1711 Sunnyside, Van Nuys, Cal.
- HILL, KENNETH EVANS, '38, is a petroleum valuation engineer, Chase National Bank, 18 Pine St., New York 3, N.Y. Home is at 40 Willow St., Brooklyn, N.Y.
- KNOWLES, ROBERT STITCHFIELD, '38, has gone back into the Navy and is a Lt. (jg) living at 2153 Orange Park Road, Jacksonville, Florida.
- WHEELER, EDWARD M., '38, is living at 823 Kingsley Drive, Arcadia, California.
- WALDTHEUSEN, HEINE LORENZ, '39, is Works Manager for the Blue Diamond Corp., large producers of gypsum, at Blue Diamond, Nevada.
- THOMAS, BLAKEMORE E., '40, has become assistant professor of geology at the University of Kansas. He received his Ph.D. at Cal-tech. During the war he was a Capt. in the U.S. Airforce.
- BURTSCHAELL, EDWARD P., '41, gives his address at 1018 Park Hills Road, Park Hills Berkeley 8, California.
- NIVEN, HAROLD E., '41, lives at 1412 Ebell St., Long Beach 8, California.
- DUTTMER, PHILIP, '42, former SCAP staff member is now home in the U.S. He was metallurgical engineer with the natural resources section of the 8th army in Tokyo.
- GOODWILL, DAVID, '42, is production analyst for the Standard Oil Co. and can be addressed at P.O. Box 151, Whittier, Calif.
- BUSH, WILLIAM E., '43, has left the A.S.C. & R. Co. in Salt Lake City and is with an oil company in California, where his mailing address is c/o H. F. Owen, Box 639, Maricopa, Kern County, California.
- BONILLA, MANUEL GEORGE, '43, is geologist and engineering aide U.S. Bureau of Reclamation, 701 K Street, Sacramento, California, and can be addressed there at 111 Fruitridge Road.
- MCNEIL, DUNCAN J., '43, who has been on our "lost list" for some time sent in a new address. It's now 211 S. Witter St., Los Angeles 28, California.
- MORGAN, JAMES P., '43, is an instructor in the School of Geology, Louisiana State University, Baton Rouge 3, Louisiana.
- LANDRETH, T. C., JR., '47, is now with Socony Vacuum Oil Co. of Venezuela, Apartado No. 246, Caracas, Venezuela.

ZETA

- SEGER, RALPH LOGAN, '14, is vice president of the Fidelity Mortgage Co. Central Bldg., and lives at 1703 High, Topeka, Kansas.
- LAHER, JOSEPH S., '19, long on our lost list, lives at 207 Lonia Avenue, Lonia, New Jersey.
- McGEE, RICHARD ROYAL, '21, is electrical engineer for Trumbull Electric Mfg. Co.

- in Plainville, Conn., and lives at 155 Cedarwood Drive, New Britain, Connecticut.
- WHITE, EDWIN L., '22, reports a new address at 817 Lullwater, Atlanta, Ga.
- LEARNED, S. STANLEY, '24, has been elected Vice President of the University of Kansas Alumni Association. He is with Phillips Petroleum Co. in Bartlesville, Okla.
- JOHNSON, OLIVER KEPLER, '26, is a member of the firm Johnson-Catfield Construction Co. in Toledo, Ohio, and home is there at 1817 Grove Avenue.
- KING, RALPH AMOS, '28, lives at 113 Avenue K, Boulder City, Nevada.
- POPPINO, CARL ALBERTUS, '28, with General Electric Co. in Phoenix, Arizona for many years, lives at 1114 W. Lynwood, Phoenix, Arizona.
- QUINN, FRANK TAYLOR, JR., '26, is Works Manager, Layne & Bowler Inc. Box 215, Memphis 8, Tenn., and lives at 978 E. Rainbow Drive, Memphis.
- MAY, JAMES PERRY, '28, is transformer specialist for the General Electric Co., and lives at 897 Greenview Ave., NE, Atlanta, Georgia.
- BUMP, DANIEL LEE, '29, is mechanical engineer for Tenn. Eastman Corp. and lives at 344 Seward, Kingsport, Tenn.
- WOOD, WAYNE LORAIN, '32, has left Oklahoma City and rejoined the army. He can be addressed at the Aberdeen Proving Ground, Aberdeen, Maryland.
- KEHR, WILLIAM QUENTIN, '33, who received his B.S. and a C.E. at the Mo. School of Mines, is engineer for the State Dept. of Health in Jefferson City, Mo., and lives at 723 Houchin, Jefferson City.
- CARTER, WILLIAM R., '31, lives in San Bruno, California, at 111 Acacia. He is office engineer for Pacific Fruit Express Co. in San Francisco.
- MAGRUDER, SAM HENRY, '31, and wife have a new home at 415 Main St., Wilkesham, Mass. He is with General Electric Co. in Springfield, Mass.
- LAMM, MAX FRANCIS, '36, is still with U.S. Engineers in St. Louis, and lives at 3811 Gurnee, St. Louis 18, Mo.
- MORELAND, WESLEY, '37, Lt. USA, reports the arrival of a daughter, Karen Sue, on April 28, 1948.
- MORELAND, HOWARD C., '38, Capt. USA, reports twin sons, Thomas Wesley and Gerald Vance, born July 11, 1948.
- TRIDNUM, FREDERICK AUGUST, JR., '38, is a draftsman for the Calif. State Highway Commission, and lives at 4605 Constance Drive, San Diego, Calif.
- JANSEN, HERMAN, '39, and family have returned from Brazil and are now living in Dodge City, Kansas.
- TRIDNUM, MARTIN K., '39, is radio engineer for the Civil Aeronautics Administration in Ft. Worth, Texas, and lives at 1109 Smiles.
- BURN, GEORGE PETER, JR., '40, lives at 4806 Cedar, Bellairs, Texas.
- MAGRUDER, HUGH WALLACE, '40, is with General Electric Co., in Houston, Texas, and lives at 2417 San Felipe Road, Houston 19, Texas.
- TRIDNUM, F. N., '40, reports the birth of a son, Bruce Dean, on May 22, 1949. This is the second son and third child. Home is at 3814 Union, San Diego, Calif.
- DEAN, GERNARD, '43, Lt. USA, is with the Signal Corps Engr. Lab Ft. Monmouth, New Jersey.
- LAKES, FRANK H., '41, gets his mail at 1028 E. Turner St., Allentown, Pennsylvania.
- LEWIS, EDWARD PARKER, '44, deserted engineering and received his B.A. in Business Administration at the University of Missouri in June. Mail should be sent to 1108 East High, Jefferson City, Mo.
- MAY, RALPH W., '44, has a new mailing address at Roseland Manor, Phoebus, Va.
- BROTHERS, ROBERT L., '47, announces the birth of a son, Robert Carl, on November 15, 1948.
- GUY, LAWRENCE DUNKIN, '47, is a testing engineer, N.A.C.A. Langley Field, Virginia, and home is at 107A Barkdale Road, Hampton, Va.
- ROHLER, CHARLES W., '49, who graduated at the Colorado School of Mines as a petroleum engineer is a junior engineer at the refinery of the Glas Service Oil Co., East Chicago, Indiana, but mail should go to his home at 457 Fillmore St., Gary, Indiana.

ETA

- HUFF, THOMAS HENRI, '11, is manager of the Management & Research Inc. Box 91, Princeton, Pa., and lives at 7018-40 Garrett Road, Upper Darby, Pa.
- DAVIDSON, KENNETH S., '19, lives at 1201 Park Ave., New York City.
- WAV, DONALD D., '19, is living at 226 Wychwood Road, Westfield, N. J.
- ABBOY, NORMA, '20, is with the Manufacturers Mutual Fire Insurance Co., P.O. Box 1483, Providence, R.I.
- RUSSELL, WILLIAM WATSON, '22, is president of the Palmer Russell Co. 1320 Beacon St., Brookline, Mass., and lives at 61 Colbourne Crescent, Brookline.
- REDWAY, ALBERT S., '23, was named to the

- Board of the First National Bank & Trust Co. in New Haven, Conn. He is president and manager of the American Paper Goods Co., 449 Main St., Kennington, Conn. Home is at 47 Deepwood Drive, Hamden 14, Conn.
- CARLEY, PAUL HERRERT, '24, is engineer for the Ingersoll Milling Machine Co., 2400 Douglas, Rockford, Ill., and lives at 318 Logan St.
- DUNLAVY, EDWARD, '24, has been made Vice President of the Phelps-Dodge Copper Products Corp., and trustee of the New York Savings Bank.
- WALTON, KENNETH B., '24, and Mrs. Doris Hofheimer Auerbach were married in Plainfield, N.J.
- HARRIS, JOSEPH S., '27, is with the Shell Oil Co., Inc. 10 West 10th St., New York 20, N.Y.
- KURT, FRANKLIN THORNDIKE, '27, is in the sales department of the Gramman Aircraft Engineering Corp. in Huntington, N.Y. and lives there at West Neck Avenue.
- DICKEN, WARREN, '30, is now with Woonock Mills, 231 Fifth Avenue, New York City. He was formerly in Brockville, Ohio.

THETA

- HARRINGTON, THOMAS HENRY, Hon. retired, former professor at Columbia University and Chapter adviser at Theta, lives at 21 Autenrieth Road, Scarsdale, New York.
- SANTLER, CHESTER B., '14, lives at 410 Cedar St., Orland, Calif.
- DAVE, THORNTON, '17, is now president of the Linda Petroleum Co., Alamo National Bldg., San Antonio 1, Texas, and lives at 767 Burt St., San Antonio.
- WORK, LINCOLN T., '21, wants mail sent to 15 North Crescent, Maplewood, N.J.
- JONES, GEORGE LESTER, '22, has his home at 2077 Parker St., Springfield, Mass.
- JONES, LESTER B., '22, lives at 112 Hilton Avenue, Garden City, New York.
- GASCHEN, WILLIAM C., '24, can be addressed at Box 428, Summerville, S.C.
- WORK, HAROLD K., '25, is now director of the research division of the College of Engineering, New York University, N.Y.
- HIDE, ARTHUR DWIGHT, '27, ex Kappa, is Vice President and Director of Mfg. for General Mills Co. in Minneapolis, Minn., and his home address is Holloway, County Road 72, Rt. 10, Minneapolis, Minn.
- THORWALD, JOHN JACOB, '27, was elected president of Queens College, Flushing, New York, by the New York Board of Higher Education. He has served as superintendent of Public Works on Long Island and then joined the faculty of the College of the City of New York where he was successively, instructor, associate professor, and then dean of administration.
- TRINKA, JOSEPH ALON, '27, for many years on our lost list, can be addressed at 311 Fourth St., Greenport, N.Y.
- HOWELL, HENRY W., JR., '24, and Hannah G. Johnson are married and living at 21 East 77 St., New York City.
- SMITH, MURRAY CLIFFORD, JR., '29, is manager and director of Arctic Tin Co., Buck Creek, Alaska, and gets his mail at P.O. Box 404, Fairbanks, Alaska.
- PITKIN, RICHARD G., '30, wants mail sent to Compo Beach Road, Westport, Conn.
- HEFFELFINGER, HEATON B., '32, lives at 251 River Road, Nyack P.O. Grand View on Hudson, N.Y.
- RICORDA, LEO JOSEPH, '31, is mechanical engineer, New York Naval Shipyard, Brooklyn, and lives at 178 Dismar St. City Island 64, N.Y.
- STRINGER, GEORGE S., '31, wants mail sent to Fresh Pond Road, Northport, New York.
- DAVIS, DROUGHT D., '34, has a new address at North Broadway, Upper Nyack, New York.
- SMITH, ALBERT JOSEPH, '36, is now Vice Pres., International General Electric Co. Apartado 403, Mexico City, D.F.
- DONNELLY, E. O., '37, gives his mailing address at 187 Riverside Drive, New York 31, N.Y.
- BRYAN, DAVID E., '38, has a new address at 3 Wetmore Ave., Morristown, New Jersey.
- BERNIN, WILLIAM K., '38, now lives at 14 Salem Road, North Merrick, N.Y.
- OSIMIR, HENRY P., '39, and Janice Mayfield were married November 25, 1948. He is at the plant of Merck & Co., Elkhart, West Va.
- HAYES, IVAN EMERSON, '42, is a law student at Cornell University but mail should be sent to 119 Church St., Odessa, N.Y.
- PERSON, JONAS A., '41, gives his home address as 1394 Sheridan Drive, Kenmore 17, N.Y.
- LEON, FERNANDO SAENZ, '44, is at 532 Palmdale Ave., Yonkers, N.Y.
- MACMICHAEL, WILLIAM L., '44, lives at 103 Westervelt Place, Teaneck, New Jersey.
- KNAUBEN, CHARLES G., '41, and Jean Labagh of Maywood, N.J. were married on November 8, 1948. He is with Aluminum Co. of America. Permanent address 139 Lincoln Ave., River Edge, N.J. but home is at 35 Stierop Lane, Levittown, New York.
- RICORDA, HARRISON, '41, is an engineer in the research and development division of Sun Oil Co. Marcus Hook, Pa.

HORTE, FREDERICK GUYAN, '46, is inspector of pressure vessels, Practor & Gamble Mfg. Co., Port Ivory, New York, and lives 748 Brighton Ave., Staten Island 1, New York.
BOEFER, ELMER J., '46, resides at 123 Clinton Park Drive, Bergenfield, N.J.

MARSTON, HERBERT H., '47, is living at 161-81 72nd Ave., Flushing, N.Y.

MCCARTERY, ROBERT, '47, is with the New York sales office of the Byron Jackson Co., 420 Lexington Ave., New York City.

IOTA

GUTIERREZ, JOSEPH RABON, Hon., is Mining Analyst for the Security & Exchange Commission, Midland Savings Bank Bldg., Denver, Colo. Home is at 1141 High St., Denver.

JOHNSON, GUNNARD E., '18, has retired as general manager of the East Chicago plant of the Eagle Picher Lead Co., and was succeeded by Waldemar P. Ruemmer, '38.

PIERCE, COLWELL A., '18, who has been general superintendent for many years of U.S. Potash Co. at Carlsbad, New Mexico, has retired.

REILLY, JOHN C., '17, lives at 407 College Ave., Apt. 11, Silver City, N. Mex.

SHRIVER, RAY O., '17, lives at 2001 Lovers Lane, St. Joseph, Mo.

SWAYZE, RONALD OWEN, '20, is manager of production, General Petroleum Corp., 612 S. Flower St., Los Angeles 14, California, and lives at 1819 Virginia Road, San Marino, Cal.

MUTZ, HERMAN JACOB, '21, is general mine supt. International Nickel Co., Copper Cliff, Ontario, Canada, and lives at 11 Park St. West, Copper Cliff.

GUTTLER, WARREN R., '22, is at 904 S. Clark St., Mexico, Mo.

SHORE, HAROLD F., '22, has changed his address from Houston to Boerne, Tex.

GORDON, JOHN P., JR., '23, is at 113 West High, Jefferson City, Mo.

PENCE, HARRY S., '23, is at present located at 1200 W. Morgan St., Denison, Texas.

TEVIN, CHARLES C., '23, is at 329 Kirkwood Road, Kirkwood, Mo.

ANGLQSTEDT, ROBERT, '24, assoc. prof. of EE at Ames, lives at 424 N. Franklin, Ames, Iowa.

BLAKE, PHILIP LEROY, '24, lives at 197 The Alameda, Berkeley, Calif.

ROBERTSON, EDWARD F., '24, is living in Lakeland, Florida.

WALKER, ARTHUR W., '24, is on the faculty at Tulsa University, Tulsa, Okla.

TRIMMER, H.S., '26, is now living at 701½ Keeler Ave., Bartlesville, Okla.

GERARD, FLOYD A., '27, usually called "Tony," is a senior civil engineer with the Sanitary District of Chicago, 1100 Howard St., Skokie, Illinois, and lives at 242 Columbia Ave., Park Ridge, Ill.

MCCANLES, WM., '27, is road commissioner, Road Dept., Merced County, California, and lives at 717 J St., Merced.

BOYER, JOHN PHILIP, '28, lives at 3001 Alta Vista Drive, Bakersfield, Cal.

GERNER, THEODORE C., '28, is Director of the Pipe Joint Division, Gates Engineering Co., New Canoe, Pa.

TEMPLES, W.S., '28, is now at 1901 Bridge St. NW, Grand Rapids 4, Mich.

GODAY, EDWARD ARTHUR, '29, is chief metallurgist, Minerals Engineering Co., 417 South Hill St., Los Angeles, Calif., and lives at 5022 S. Gramercy Place, Los Angeles 37, Calif.

SMITH, DANA WENTWORTH, '29, is chief research metallurgist, Research Labs., Permanent Metals Corp., Spokane 6, Wash., and lives at W 424 21st St., Spokane.

WILLIAMSON, JIM, JR., '29, has been elected President of the Florida Society of Professional Engineers and lives at 413 S. Palmetto Ave., Daytona Beach, Florida.

HEATH, GEORGE F., '30, has a new address at 2988 E 112nd St., Cleveland, Ohio.

SCALLEY, JOSEPH E., '31, lives at 4013 Hamphrey St., St. Louis 16, Mo.

WILSON, LOREN A., '31, must be addressed at 6169 Pershing Ave., St. Louis, Mo.

BREWSTER, WILLIAM, '32, has changed his address to 1841 South 41st St., Omaha, Neb.

BRUDGINS, HAROLD J., '32, lives at 750 Cardinal St., Jefferson City, Mo.

MACKE, ARTHUR S., '32, is now with the Mid Continent Coal Corp., at the Green Diamond Mine, Matina, Illinois.

DEWALL, LEE H., '33, is metallurgical engineer for the National Cylinder Gas Co. in Chicago. He gets his mail at 824 Main St., Aurora, Illinois.

HUNT, THEODORE W., '33, lives at 731 Allen St., Syracuse 10, N.Y.

MURRAY, M.H., '34, resides at Linden Ave., Indian Neck, Branford, Conn.

BARCLAY, ARTHUR HENRY, JR., '37, is engineer for the Filtrud Corp., 2417 Short St., Los Angeles 3, Calif., and lives at 224 E. Markland Drive, Monterey Park, Calif.

BUNCH, WILLIAM C., '37, is now employed by the Fredericktown Lead Co., Fredericktown, Mo.

TAYLOR, M.W., II, '37, announces the birth of a son, Marshall W. Taylor III on December 28, 1948.

CLAYTON, C.L., '38, has his home at 83 W 11th St., Chicago Heights, Ill.

- CORNETT, ROY C., '38, Lt. Col. USA, who received his M.S. from Ohio State in 1948, is now chief of the civilian components section in the Personnel and Administration Division of the Army General Staff in Washington, D.C. (What a title!) He announces the birth of a son, Roy Charles Jr., February 27, 1949, in Washington, D. C. Home is Apt. 81A, 1318 8th Rd. South, Arlington, Va.
- EVANS, JAMES D.F., '38, can now be addressed at 309 S 11th St., Besenmet, Ala.
- MCCLOUTY, JOHN R., '34, is at Madisonville, Ky.
- MUELLER, FREDERICK M., '38, gives his present address as Box 124, Adrian, Mo.
- SHOET, JOHN A., '38, is with the Missouri Department of Resources, Development State Office Bldg., Jefferson City, Mo.
- TUCKER, NORMAN P., '40, Major USAF, is now stationed at Casper Air Force Base, Casper, Wyoming.
- RHODES, A.E., '39, is living at 101 George Washington Way, Richland, Wash.
- BOURCHIER, PAUL J., '41, is employed as an operations Analyst by the Arcon Co., 38 Fort St., San Francisco, Calif.
- BRUNE, ARTHUR, '41, who is an instructor at Washington University gives his mailing address as 3921 Pennsylvania Ave., St. Louis.
- FICK, ARMIN F., '41, gives his address as 8 Elm St., Chicago 48, Ill.
- JAFFE, NATHAN D., '41, is living at 1479 South Sherbourne Drive, Los Angeles 31, California.
- ENGLE, GORDON A., '42, gives his home address as Route 4, Freeport, Ill.
- HARR, HAROLD W., '42, is doing graduate work at the University of London. His address is Roelyn, 3 Hillview Road, Weston Super Mare, Somerset, England.
- KRONKA, EDWARD R., '42, is a patient in the Veterans Hospital, Lyons, N.J.
- ANDERSON, WILLIAM R., '43, is in the mining engineering department, Colorado Fuel & Iron Co., Pueblo, Colo.
- COMANN, RICHARD KENT, '43, is now in the engineering department, U.S. Gypsum Co., 100 West Adams St., Chicago 6, Ill.
- FED, EDWARD S., '43, Capt., USMC, should be addressed VMF-112, MAG-33, Marine Corps Air Station, El Toro, (Santa Ana) Calif.
- HICKS, WILLIAM D., '43, lives at 109 E 11th St., Wellington, Kansas.
- JETT, GLENDON D., '45, has a new address c/o Century Geophysical Corp., P.O. Box 169, Alice, Texas.
- LAMBLETT, CLARENCE A., '43, is an instructor at Rutgers University, New Brunswick, N.J., in the ceramics department.
- NEUBAUMER, JAMES A., '43, has returned from Surinam, S.A., and can be addressed at 3431 Eichelberger Ave., St. Louis, Mo.
- RASMUSSEN, R.K., '43, is supt. of the Mississippi Glass Co. in Fullerton, Calif., and lives there at 401 North Truman St.
- REED, JOHN A., JR., '43, lives at 316½ S National Blvd., Springfield 4, Mo.
- FLORESER, ALAN P., '44, has gone to Baguio, Philippine Islands, to work for Benguet Cons. Mining Co.
- RAY, ROBT. LEWIS, '43, who is a metallurgist for Joseph T. Ryerson & Son, in Emeryville, Calif., lives at 348 Glenmley, Oakland, Calif.
- RANKIN, ROBERT C., '43, gives his mailing address as P.O. Box 611, Tyler, Tex.
- MANN, ROBT. L., '44, gives his address as Southern Methodist University, Box 351, Dallas 1, Texas.
- MEYER, DONALD L., '48, is in the Physics Dept., University of Washington, and his home is at 4109 19th N.E., Seattle, Wash.
- ALLISON, GEO. A., '47, is plant metallurgist for the American Zinc Co. at Dumas, Tex.
- BENNETT, PAUL M., '47, is with the Atlantic Refining Co., 830 Kennedy Bldg., Tulsa, Okla.
- CARLTON, PAUL F., '47, reports the birth of a son, Paul Douglas, in Kirkwood, Mo., on July 23, 1949. Paul senior is with the U.S. Engineers, New Federal Bldg., St. Louis, Mo.
- COKE, RICHARD E., '47, sent in his address as 311 S. Central, Okmulgee, Oklahoma.
- FULMER, ARTHUR H., JR., '47, wants mail sent to 117 McKinley Ave., Lansdowne, Pa.
- GOSWORTHY, WILLIAM JERRARD, '47, is a metallurgist Dept. of Welding, Union Carbide & Carbon Co. Research Lab., in Niagara Falls, N.Y. Home is at 131 Wallace Drive, Grand Island, N.Y.
- JOHNSON, PHIL D., '47, is living at 902 Illinois St., Pekin, Ill. He is a mining engineer for the Rock Island Development Co. at its coal mine near Pekin.
- KALLMEYER, MELVIN A., '47, is employed by Western Electric Co. and lives at 4448 Lindenwood Place, St. Louis, Mo.
- PAUTLER, ROBERT E., '47, is now with the AT & T Plant Dept., 1421 Oak St., Kansas City 6, Mo.
- SCHLENNEMAN, JOHN AUGUST, '47, reports the birth of Michael August, on July 7, 1949, in Houston, Texas, where John is with the Shell Pipe Line Corp., 2102 Eagle St.
- SNOWDEN, J. RUSSELL, '47, announces the birth of a son, David Russell, on November 27, 1948. Russell is an instructor in the department of Theoretical and Applied Mechanics at the University of Illinois, and the family home is at Stadium Terrace, Court K, Bldg. 32-B, Champaign, Ill.
- BENNETT, C.W., '49, lives at 1013 Walnut St., Des Moines, Iowa.

CROSBY, R. ALLEN, '48, writes mail sent to 2120 E 73rd St., Chicago 49, Ill.

HEPP, JOSEPH T., '48, is employed in the Patent Dept. of the Wagner Electric Corp., 4400 Plymouth Ave., St. Louis, Mo., and lives at 212 Avery Drive, Kirkwood 22, Mo.

PRETT, RAY E., '48, has moved to 1670 S. Volusia, Wichita, Kansas.

MASTERSOM, JOHN M., '48, is with U.S. Pipe & Foundry Co., 122 S Michigan Ave., Chicago 3, Ill.

MCGRATH, JAMES R., '49, lives at 1111 Northland Ave., St. Louis, Mo.

REISERT, DONALD O., '49, is with the RCA Victor Div. of Radio Corp. and his mailing address is 411 Evans Ave., Haddonfield, New Jersey.

ROBERTS, IRVIN, '48, gives his address as Box 180, Pavilion, Wyo.

SCHMIDT, DONALD G., '48, gives his address as 21st & Loomis Sts., Chicago, Ill.

WALKER, RICHARD A., '48, is working for Lester B. Knight & Assoc. Inc., 600 Jackson Blvd., Chicago 6, Ill.

DOUGHERTY, EDWIN L., '49, is an engineer inspector, Mo. State Highway Dept., Division 1, St. Joseph, Mo., but lives in Bethany, Mo. He reports the birth of a daughter on March 22, 1949.

REILLY, JOHN G., JR., '49, is with St. Joe Lead Co. at Bonne Terre, Mo.

SHOBT, KEITH E., '49, is with the Illinois State Highway Comm. in Springfield, Ill., and lives at Apt. No. 1, 211 North Glenwood, Springfield.

WIDMANTAL, WILLIAM L., '49, has been taking law classes at the University of Iowa, in Iowa City.

KAPPA

LEUTWILER, O.A., Hon., Prof. Emeritus of the University of Illinois, was elected President of the Commercial Building & Loan Society of Urbana, for the second time.

WILSON, WILBUR M., '09, charter member of his chapter, retired this fall after 14 years on the faculty at the University of Illinois. During this period, for his work in engineering, he was awarded the Marston Medal by Iowa State College, he was twice awarded the Channing Medal of the Western Society of Engineers and the James J. R. Croer Medal by the A.S.C.E.

DUTTON, HERBERT BULL, '17, is with the Armstrong Cork Co., 217 East Ave., Rochester, New York, and home is at 221 Chestnut Hill Drive, Rochester.

ROBINSON, GEO. W., '24, is a project engineer for the Humble Oil & Refining Co., Baytown, Texas.

STARK, CLIFFORD S., '24, president of F.H. McGraw & Co., New York engineers and contractors was in South America early this year but left almost immediately for Iran, after his return to the U.S.

WOON, RICHARD N., '24, is president of A. C. Woods & Co., dealers in structural steel, 1129 Harrison Ave., Rockford, Ill., and lives at 112 Glen Road, Rockford, Ill.

TRUSSEL, JOHN MEREDITH, '25, is Supt. of Communications for the Illinois Central

System in Chicago, Ill., and lives 8414 South Dante, Chicago.

LENCIS, WAYNE EDWIN, '28, who is assistant mgr. of transportation, General Electric Co., 840 Canal St., Chicago, Ill., lives at 1318 N Dearborn St., Chicago.

PAULEY, GERALD F., '27, for many years manager of the organic chemical division for Monsanto Chemical Co. in Chicago, has been transferred to the St. Louis, Mo. headquarters.

BERT, PIERRE ALBERT, '29, is chief designer for Kahn & Jacobs, Architects, 2 Park Ave., New York City.

MUNTE, JACK HENRY, '30, is manager of Munte & Lea, dealers in electrical equipment, 618 West Jefferson, Rockford, Ill., and lives at 1172 Bolivar, Rockford.

BROWN, FRANKLIN STEWART, '31, is chief division engineer, U.S. Engineers, 4731 E Marginal Way, Seattle, Wash., and lives at 4828 Purdon, Seattle.

SEBORG, ERNEST YOUNG, '31, is design engineer for the Barnes Drill Co., 414 Chestnut, Rockford, Illinois, and lives there at 1123 Hoffman St.

LEUTWILER, RICHARD WALTER, JR., '36, is assistant professor of Mechanical Engineering at the University of Wisconsin in Madison, and lives there at 1111 University Ave., Madison 6.

LAMBDA

KETCHUM, RICHARD BIRD, Hon., retired, former Dean of Engineering at the University of Utah, is living at 801 West Illinois St., Urbana, Ill.

ALLEN, FRANK L., '12, has retired from his post as regional Forest Service Engineer after 27 years. During this period he surveyed many of the scenic highways in the

- Forest Reservation and built numerous important bridges. He has been a member of the Intermountain Alumni Association of Theta Tau for many years. Home is at 2819 Quincy Ave., Ogden, Utah.
- ROCHE, MAURICE AUGUSTINE EVERARD, '19, is with Hudson Bay Mining & Smelting Co., Flin Flon, Manitoba, Canada.
- KIMMER, KEITH C., '21, has office at 766 Dexter Horton Bldg., Seattle, Wash.
- CAULFIELD, JOSEPH PARNELL, '22, is general superintendent, Hudson Bay Mining & Smelting Co., and lives at No. 4, Creighton St., Flin Flon, Manitoba, Canada.
- PETT, LORENZO FERN, '22, assistant mine supt., Kennecott Copper Co. writes mail sent to 102 2nd St. West, Copperton, Bingham Canyon, Utah.
- RICHARDS, LELAND STANFORD, '24, is with the Franco Petroleum Co., 625 N. Avalon Blvd., Wilmington, Calif., and lives there at 127 West L St.
- SNIDAKER, R. LLOYD, '27, is an architectural engineer in the firm of Snidaker & McDonald, 315 Utah Savings & Trust Bldg., Salt Lake City, and lives at 778-11th Ave., Salt Lake City, Utah.
- PETTERKREW, MORIS WILLIAM, '38, Col. USA regular army is stationed in Washington and lives at 3143 Queens NW, Washington.
- CRUPPER, KENNETH FAY, '31, is mining engineer at the U.S. mine of the U.S. Smel-
- ing, Refining & Mining Co. of Salt Lake City, and lives there at 110 Elm Ave.
- SLOAN, RICHARD VIVIAN, '31, can be addressed at 61 Hillside, Mill Valley, California.
- PRICE, WALTER, '32, is engineer for the Larkin Plumbing & Heating Co. and lives at 603 Driggs Ave., Salt Lake City, Utah.
- BONSARD, GIBBERT EARL, '33, is an electrical engineer and lives at 1515 South 5th, Milwaukee, Wisconsin. He is reported to be with the Cutler-Hammer Corp.
- NELDEN, RICHARD MARINE, '36, is Supervisor of Research on Fluid Drive, American Blower Corp., 8111 Tireman, Detroit 32, Mich. Home is at 14411 Rutherford, Detroit 19, Mich.
- SUMMON, H.T., '38, has moved from Salt Lake City to Niagara Falls, New York, where he is a senior research engineer for the Carborundum Co.
- WORDEN, DONALD, '40, lives at 1709 Charles, San Diego, Calif.
- STEPHENSON, ROBERT ELDON, '41, is an instructor in EE at the Univ. of Utah, and lives at 985 1st Ave., Salt Lake City, Utah.
- MOULTON, HARRY D., JR., '44, is working for the Galagher Co., Monticello, Utah. His mail may be sent in care of the company.
- REYTES, JIMMIE A., '48, is assistant mining engineer for the Independent Coal & Coke Co., Kenilworth, Utah.

MU

- WOODMAN, LONGINO ALPHONSE, Hon., is assistant professor of CE at the University of Alabama, and lives at 1 Springbrook, Tuscaloosa, Ala.
- DAVIS, FRANK LAWRENCE, '22, is district engineer for the Southern Bell Tel & Tel Co. and lives at 3211 Kline St., Columbia, S.C.
- THOMPSON, ROBERT E., '22, is mfg. planning engineer, Western Electric Co. Inc., Hawthorne Station, Chicago, Ill., and lives at 1240 Lyman Ave., Downers Grove, Ill.
- FLIPPEN, JOSEPH W., JR., '27, is resident engineer with the Alabama State Highway Dept. in Tusculoosa, Ala.
- SPEAKE, PAUL M., '27, has office at 202 in the American Life Bldg., Birmingham, Alabama.
- ROBINSON, W.L., '30, is with Monsanto Chemical Co. and lives at 411 Goodwin Ave., Anniston, Ala.
- BUKFIELD, CHARLES ELMER, '32, is with Consolidated Edison Co. & Irving Place, New York 5, N.Y., and lives at 436 Birch Place, Westfield, N.J.
- LAPLEY, JOHN W., '33, is assistant engineer of the City of Anniston, Ala., and lives at 1923 Rocky Hollow Road, Anniston.
- SMITH, WALTER THOMAS, '34, is sales engineer for Southern Clays Inc., 33 Rector St., New York City, and lives at 30 Austin St., New Haven, Conn.
- DEFAZIO, PETER GEORGE, '35, is a project engineer for the National Lead Co., 111 Broadway, New York 6, N.Y., but lives at 2 Woolley Ave., Long Beach, N.J.
- MORGAN, PATRICK N., '39, Combustion engineer with Superheater Inc., lives at 601 Belvoir Ave., Chattanooga, Tenn.
- TANNER, WILLIAM B., '40, was four years in the army but is now with the Waterways Experiment station of the U.S. Corps of Engineers and lives at 804 Bowmar Ave., Vicksburg, Miss.
- TEAGLE, BEAL M., '40, is group engineer with Glen L. Martin Co. in Baltimore, and the family home is at 301-C Holly Drive, Baltimore 20, Md.
- MORRIS, ROBERT E., '41, who is with Chicago Bridge & Iron Co., can be addressed at 1309 Hunt Bldg., Tulsa 1, Okla.
- McKINNON, JULIAN, '42, is a supervisor with Proctor & Gamble and lives at 1405 Spring Field Pike, Wyoming 21, Ohio.
- BEAN, JACK MONTGOMERY, '43, is mechanical en-

- ginner for Avondale Mills and lives at 103 South Broadway, Sylva, Ala.
- READY, JOSEPH A., '43, has a new address. It is 38 South Fourth St., Aurora, Illinois.
- SNIPES, J. EDWARD, '45, can be addressed at P.O. Box 1797, Montgomery, Ala. He reports the birth of a daughter, Belton Yvonne, April 8, 1949.
- TOMPKINS, FRANK GOODLOE, '43, is electronic design engineer, Radio Corp. of America, Camden, N.J., and lives at 20 Jefferson Ave., Crescent Park, Gloucester, New Jersey.
- WYNESKI, PETER M., '43, has moved to 621 10th Avenue West, Birmingham 4, Alabama.
- BLANCHER, AMERSON E., '46, is actodynamicist for North American Aircraft and lives in Rehoboth Beach, California. It is reported that he was married in September 1948.
- CROCKETT, DAVID W., '46, lives at Route No. 1, Stephany, Conn. He married the former Sue Hodges. He is employed by the Chance-Vought Corp. in Hartford.
- REV, WILLIAM K., '46, gives his address as P.O. Box 864, University, Alabama.
- GREENLEE, PAUL C., '47, is employed by Chance-Vought Aircraft and now lives at 601 Duncannon Ave., Dallas 11, Texas.
- MOORE, JAMES H., '47, and family live at 118 Turfentine Ave., Gadsden, Ala., where he is in the employ of the Alabama Power Co.
- WALLACE, MARVIN, '47, is in the construction section of the Phillips Petroleum Co., and lives at 401 Kiefer Ave., Bartlesville, Okla.
- ELY, RICHARD EUGENE, '48, is engineer for the Stewart-Warner Corp., 1828 Diversey Parkway, Chicago, Illinois, but mail should be sent to 646 N. Beville Ave., Annapolis, Indiana.
- GOGAN, HARRY L., '48, is with NACA at Langley Field, Va., and lives at 64-D Elizabeth Road, Hampton, Va.
- HOWARD, LOUIS R., '48, is junior engineer California State Highway Dept. and lives at 2743 24th Ave., Oakland, Calif.
- HYND, JOHN P., '48, is with the Westinghouse Electric Corp., and lives at 4103 Lomidee St., New Orleans, La.
- McKENZIE, JOHN T., '48, jr. engineer with Alabama Power Co., lives at 3240 Old Shell Road, Spring Hill, Alabama.
- TAYLOR, ROBERT L., '48, civil engineer for the Humble Oil & Refining Co., is at 124 West Monticello, Brookhaven, Miss.
- WILKINSON, JOSEPH S., '48, lives at 848 Spearman Ave., Sharon, Pennsylvania.
- CALLANA, JOHN WOOD, '48, is draftsman for Commonwealth & Southern Corp., 600 N. 18th, Birmingham 2, Ala., and lives at 1112 1th Ave. W., Birmingham, Ala.
- STOUGH, FORTY EARL, '49, is test engineer for Pratt & Whitney Aircraft, 400 Main St., East Hartford, Conn., and lives at 313 Pearl St., Hartford, Conn.
- WHEELER, ROBERT HENRY, '49, is industrial engineer at the Mascooda Div. Tenn. Coal Iron & Railroad Co., Bessemer, Ala., and lives at 201 11th St., South Apts. 2-A, Bessemer, Ala.

NU

- CUTHBERT, WILLIAM R., '22, is chief engineer of the Valley Camp Coal Co., Elm Grove, Va.
- DARTNELL, W.W., '22, is in Europe with European Aid Program.
- BEUCHER, DONALD R., '23, is Vice President and manager of the West Virginia & Kentucky Gas Co., 801 Second National Bank Bldg., Ashland, Ky.
- FRENCH, WM., '23, sold his interest in The French Co. of which he was president and is traveling around for a while. His mailing address is 23 Crystal Lake Ave., West, Crystal Lake, Ill.
- KRAMER, DANIEL, '25, is still with the Delaware River Joint Comm. at Camden, N.J., and lives at 107 South Girard St., Woodbury, N.J.
- POWERS, STEWART A., '26, should be addressed c/o R.F. Goodrich Co., Miami, Okla.
- ESCHER, WILLIAM, '27, is zone manager of the Oldmobile Division, General Motors Corp., at Charlotte, N.C., where he lives at 2230 Lockhart Drive.
- GEMMELL, HAROLD M., '29, is now living at 710 Brookwood Road, Baltimore 29, Maryland.
- CONNELLY, R.F., '30, is with TVA and the family address now is 21 Woodvale Ave., Chathamoga, Tenn.
- TOMER, DAVID K., '30, is now assistant manager of the Chile Steel Plant Division of the Koppers Co., 37 Wall St., New York City.
- MCGREGOR, WILLIAM J., '31, lives at 3183 Consuelo Road, Maricopa Terr., Concord, California.
- HAGENLOCHER, WILLIAM J., '32, is now field engineer for the Portland Cement Association, in Ohio, and lives at 113 Pershing St., North Canton, Ohio.
- BUNNA, WILLIAM JULIAN, '33, is engineer in charge for Long Island Lighting Co., 230 Old Country Road, Mineola, N.Y.
- MILLER, HARRY P., '33, is at Kodak Park for

- the Eastman Kodak Co. and lives at Apt. 12, Ellington Road, Rochester 13, N.Y.
- BURTON, CHARLES D., '34, is now manager of the Chemaco plant of the Koppers Co., in Berkeley Heights, N.J.
- BAKKE, JOHN W., '34, wants mail sent to him at McCandless Road & Rural Ave., R. D. No. 1, Butler, Pa.
- DAVIS, MARION F., '34, is chief of electronics in the research division of the U.S. Naval Ordnance Laboratory, White Oak, Silver Springs, Maryland.
- HARRON, HARVEY T., '34, is manager of the aviation division Westinghouse Electric Corp. in Washington, D.C.; his home is at 4008 Laird Place, Chevy Chase 11, Md.
- NICKEL, ALFRED A., '31, gets his mail at 2670 Cherry Lane, Walnut Creek, California.
- STAFFORD, W.H., '31, is with the DuPont Co., Wilmington 98, Del., but that helps very little as a Gear mailing address.
- LIGHTCAP, RICHARD C., JR., '36, announced the birth of Richard C. Lightcap III, on June 3, 1948. He is general supervisor, Appropriations Control for Carnegie Illinois Steel Corp. in Youngstown, Ohio, and the family home is there at 313 Park Ave., Youngstown 4.
- McMASTERS, R.C., '36, is a supervisor at Battelle Memorial Institute on King St., Columbus, Ohio. Home is at 1773 Anderson Road, Columbus, O.
- MAKIN, WILLIAM WARD, '37, is located at the Sandia Base of the University of California at Albuquerque, New Mexico. He is a metallurgist and should be addressed at Route 4, Box 92, Albuquerque.
- BEARD, CHARLES IRVIN, '39, received his Ph. D. in physics at MIT in 1947. On June 20, 1948, "Dr." Beard married Miss Nancy Lee Jones in Dallas, Texas. He is now senior physicist for Magnolia Petroleum Co. in Dallas, where the family home is 2418 Rockcrest Drive, Dallas 11.
- GALBREATH, RICHARD M., '38, is with the Galbreath Machinery Co. in Pittsburgh and lives at 1419 Orchard View, Pittsburgh 20, Pa.
- HILLER, AUGUST, '38, is acting head of the metallurgical and chemical laboratories of the General Electric X-Ray Corp. in Milwaukee, and lives at 2018 N. 14th St., Milwaukee.
- EDWARDS, DAVID G., '39, has moved to 1631 Emma Court, Concord, California.
- GOSS, CHARLES J., '39, is now project engineer, Petroleum Refinery Division, Foster-Wheeler Corp., New York, 161 Broadway.
- ELDER, REX A., '40, was appointed head of the TVA Hydraulic Lab. at Norris, Tenn., in 1948.
- LOCK, JOE J., JR., '40, is a metallurgist consultant representative with the Bethlehem Steel Co. Mail reaches him at 2901 Dunmurray Road, Baltimore 22, Maryland.
- FRUEHLICH, WM., '41, graduated from the Yale Bureau of Traffic in 1948, and is now with the Pittsburgh Regional Planning Assoc. His address is 815 Gaskill Ave., Jeannette, Pa.
- WEIL, CARL W., '41, is doing graduate work at the University of Delaware, in chemical engineering. The family home is at R.D. 2, Newark, Del.
- HORRIGAN, DANIEL L., '42, announces the birth of a son, Mark Stevens, on August 10, 1949. He is sales engineer with the Lukens Steel Co. in Gettysville, Pa.
- MARGHEUM, GEO. M., JR., '42, is design engineer with Frederick Squire Inc., 233 Broadway, New York City.
- O'BRIEN, JAMES T., '42, and Miss Patricia Nolan of Somerset, Pa., were married on April 24, 1948. He is research engineer for Heyl & Patterson, Inc., in Pittsburgh. Home is at 710 E. Bush St., Washington, Pa.
- SHAND, MAURICE E., '42, recently completed his work for a Dr. of Science at MIT and is now assistant professor in metallurgy there. Home is at 18-6 Garden Circle, Waltham 14, Mass.
- O'NEIL, JAMES E., '43, received his M.S. at MIT in 1947. On a day in June 1948 he was married to Miss Ursula Neary. He is now senior engineer in charge of the supersonic wind tunnel for Packard Motor Car Co., 1130 Laney Road, Toledo 12, Ohio.
- WILLIAMS, MAX L., '43, has completed his thesis and expects to get his doctorate soon at California Institute of Technology in Pasadena.
- BELLAN, THEODORE M., '44, was married in Pittsburgh to Helen Elizabeth Wamersin on August 10, 1948. Home is at 8237 Argyle Ave., Overland, St. Louis 14, Mo.
- NEAR, ROBERT EARL, '44, lives at 9136 Shelley Ave., Overland, St. Louis 14, Mo.
- FERRILL, FRANK M., JR., '41, was married to Miss Emily H. Ware on July 30, 1948, in Baton Rouge, La. He is with the Esso Standard Oil Co. in Baton Rouge.
- BINGHAM, RICHARD S., '46, was married on June 21, 1949, to Miss Edith Mary Meyer of Floral Park, New York. They are now living at 46C Court Drive, Wilmington, Delaware.
- SCHWARTZ, B.L., '46, has a pre-doctoral fellowship at Brown University.
- BRIDGMAN, JUEL, '47, is engineer in Havana, Cuba, for the Cuban Telephone Co., a subsidiary of International Tel & Tel Co.
- KEYES, JOHN J., JR., '47, received his MS in Chemical Engineering at the University of Michigan in 1948. On July 3, 1948, he was married to Miss Charlotte Vaughn of Virginia and went to work for

the Brookhaven National Laboratories on Long Island. He has been awarded an Atomic Energy Commission predoctoral fellowship at the University of Delaware.

SEAKA, ROBERT C., Jr., '47, has moved to 129 Main St., Orange, N.J.

WEIL, RUBY, '47, is a member of the metallurgical faculty at Penn State and lives at 1817 S. Atherton St., State College, Pa.

ZANGER, MARTIN HENRY, '47, is office manager of the Holyoke News Co., Holyoke, Mass., and lives at 31½ Bridge St., Northampton, Mass.

HALL, HAROLD, '48, reports the arrival of a daughter, Marcia Ann, on May 2, 1949. The home address is 1145 Leyden St., Denver, Colo.

MORRISON, HOWARD, '48, announces the birth of a daughter, Wendy Williams, on May 12, 1949. The family home is at 10111 Ewell Ave., Kensington, Md.

PETTERREW, DAVID WERR, JR., '48, has moved his home to Field Club Road, No. 2 R.D., Pittsburgh 15, Pa. He is a research metallurgist with ALCOA in New Kensington, Pa.

SCHIEBERER, FRANCIS F., '48, and Miss Mary Alice Cocoran, were married on June 23, 1949.

SEWARD, JOHN EMMET, '48, is jr. metallurgist Wisconsin Steel Co. 2701 East 106th St., Chicago and lives at 3039 East 91st St., Chicago 17, Ill.

STEPHENSON, JOHN G., '48, is a student at the Harvard Graduate School of Business Administration but he wants mail sent to his home at 106 Douglas Place, Mt. Vernon, New York.

GRIMES, CHARLES, '49, graduated last June and is now settled in Minneapolis. His address is 5128 Hennepin Ave., Minneapolis 8.

OMICRON

CROFT, H.O., HONORARY, has left the University of Iowa to become Dean of the College of Engineering at the University of Missouri.

POSTLEWAT, JOHN C., '27, is employed by Kutzmann Construction Co., 313 Boulevard Road, Keokuk, Iowa.

MCCLEAREN, L.C., '32, moved to South America this summer. His address is Frigolito Armour de La Plata, Reconquista 314, Buenos Aires, Argentina.

BAKER, WILLIAM J., '49, wants his mail sent to Erika, Iowa.

GOODMAN, CECIL L., '49, is employed by

the Emerson Electric Manufacturing Co. at their Washington Park Plant. Mail reaches him at 1321 Baugh Avenue, East St. Louis, Mo.

KIDD, RICHARD, JR., '49, is a mechanical inspector for the Bureau on the Davis Dam. He gets his mail c-o General Delivery, Kingman, Arizona.

NICHOLS, ALAN D., '49, was married September 3rd at West Liberty, Iowa. He is with the Minneapolis Honeywell Regulator Co. of Minneapolis, Minn.

OVERBY, GEORGE S., '49, gets his mail at Box 70, San Carlos, Arizona.

PI

MURPHY, TIMOTHY HENRY, '23, is now vice president of Geo. A. Holder Co. 1217 Church St., Lynchburg, Virginia, and lives at 413 Elm Ave., Lynchburg.

HANCOCK, JOHN BEVERLY, JR., '35, seems to have deserted the engineering business as he is operating a Stamp and Coin Store at 112 North First St., Richmond 19, Va., and lives at 1203 West 42nd St., Richmond.

TALLEY, RICHARD WORTHAM, '35, is personnel mgr., Federal Reserve Bank, Richmond, Va., and lives at 4200 Dover Road, Richmond.

LAGUELLA, JOSEPH LOUIS, '36, is the owner and operator of two shoe stores in Norfolk, Va. Mail should be addressed to 114 Main St., Norfolk, Va.

BALLARD, LEONARD WILLIAM, JR., '35, is

sales engineer of heavy equipment for General Electric Co., 1401 Locust St., Philadelphia, Pa., and lives at 2939 Morris Road, Ardmore, Pa.

SCHROEDTUM, JOHN HERRERY, '40, is engineer for the Industries National Trade Association, Aircraft Industry, in Washington, D. C., and lives at 1400 Glenwood Road, Bethesda 14, Md.

BEYNER, JAMES VINCENT, '41, is engineer for the Glen L. Martin Corp. in Baltimore, and lives at 1500 North Gate Road, Baltimore 18, Md.

ASHBY, CHARLES WILLARD, '42, is with the Line Material Co. 1708 Vanderbilt Road, Birmingham, Ala., and mail should be sent to P.O. Box 314, Birmingham.

RHO

- LANCASTER, FORREST WESLEY, Hon., is associate professor of physics at N.C. State College and lives at 2403 Everett Ave., Raleigh, N.C.
- RADE, W. YANCEY, '70, should be addressed at 110 West Whitaker Mill Road, Raleigh, N.C.
- BARBER, BRUCE P., '24, lives at 421 Tetsholm Road, Columbia 19, S.C.
- FALCETTI, C.D., '24, gives his address at 1101 Dollar Ave., Durham, N.C.
- HIPP, WALTER N., '24, lives at 1817 Tenth St., Hickory, N.C.
- MEDFORD, HUGH L., '24, Director of Public Works for the City of Greensboro, N.C., recently completed 21 years in the employ of the city starting as a young engineer shortly after graduation.
- MOORE, W.S., '24, gets mail at Box 633, Kilgore, Texas.
- BICKERT, J.L., Jr., '24, now receives mail at 1310 William Dr., Raleigh, N.C. He is vice president of N.C. Power & Light Co.
- TRANHAM, FRANKLIN S., '24, is at 1621 Graymont Ave. W. Birmingham, Ala.
- WOOTEN, JAMES FREDERICK, '24, receives mail at 81 Eunice Ave., Worcester 6, Mass.
- FOR, WILLIAM HENRY, '21, is supt. for Blythe Bros., Fort Mill, S.C., and lives on Hill St., Fort Mill, South Carolina.
- KENDALL, HENRY E., '26, was recently elected president of the Alumni Association, North Carolina State College. His home is in Raleigh, at 2814 Easter Circle.
- MOORE, E.O., '26, has his home at 418 Lake Boone Trail, Raleigh, N.C.
- MOUNTCASTLE, E.L., '26, can be addressed c/o Elliott Co., 110 Hass-Howell Bldg., Atlanta 3, Ga.
- POTTER, J.M., '26, lives at 1801 Wills Ave., Raleigh, N.C.
- SUMNER, MARK, '26, former Colonel, USA, has been appointed postmaster at Asheville, N.C. The family home is at 29 Linden Ave., Asheville.
- DAVIS, JEFF C., '28, on the faculty at the University of Arizona, gives his mailing address as 1941 E. Desmond Lane, Tucson, Ariz.
- TURNER, FRANK B., '28, wants mail to go to Box 6115, Five Points Station, Raleigh, N.C.
- BARNHART, MARSHALL LUTHER, '29, can be reached c/o Phoenix Bridge Co., 912 Main St., Phoenixville, Pa.
- ELLEN, H.M., '29, is living at 2708 Hazelwood Drive, Raleigh, N.C.
- GRANT, THOMAS ALEXANDER, '29, gets mail at Box 828, Staunton, Va.
- HUBBARD, C.E., '29, lives at 1823 Arlington St., Raleigh, N.C.
- KOONTZ, KARL, '29, lives at 44 Main St., Hilton Village, Newport News, Va.
- MASON, JOHN T., '29, gets mail at Box 145, Charlottesville, Va.
- MAYFIELD, J.H., '29, lives at 1000 Jackson St., Roanoke Rapids, N.C.
- PARRISH, W.C., '29, Lt. COL., USA, wants mail sent to Box 253, Barksdale Air Force Base, Louisiana.
- SMITH, W. TILFORD, '29, lives at 129 James River Drive, Hilton Village, Va.
- TANFIELD, A.L., '29, is with the Southern Bell Telephone Co. in Nashville, Tenn.
- TAYLOR, JOHN ALEXANDER, '29, is on Route No. 1, Candler, N.C.
- TRIGG, WILLIAM R., '29, is district sales manager of the Standard Oil Co. of N.J., St. Paul & Franklin Sts., Baltimore, Md., and lives at 10 Garden Apts., Stonewall Run Lane, Baltimore, Md.
- FREEMAN, ARCHIE B., '30, lives at 2638 Corte de Flores, San Mateo, Cal.
- JONES, D.E., '30, wants mail for him sent to the Stephen F. Austin Hotel, Austin, Tex.
- BARNES, R.J., '31, is at 2125 Westmoreland Ave., Charlotte, N.C.
- GEHEGAN, JOHN T., '31, is vice president in charge of engineering for the Hoosier Cardinal Corp., and lives in Evansville, Ind. He was with DuPont for some years.
- GORHAM, FRANK W., '32, is serving with the 27th Transportation Truck Bn. of the army in Europe. He is a Major USA. Mailing address is APO 169 c/o Postmaster, New York.
- HOUSE, DANIEL MURRAY, '33, has office as a radio engineer 100 Wash Bldg., 116 South 4th, Louisville, Ky., and lives at 1308 Everett Ave.
- PETRIOT, BORN B., '33, sends in an address as 2716 29th St. SE, Apt. A-192, Washington 20, D.C.
- ROYAL, J.A., '33, lives at 231 49th St., Newport News, Va.
- TULLOCK, WILLIAM E., '33, is with Wanamaker & Wells Inc., Orangeburg, South Carolina.
- YONT, LUTHER FLOYD, '33, is engineer at the Sandia Air Base, on S Wyoming, Albuquerque, New Mexico, and lives there at 604 Wellesley Ave.
- BOYD, WILLIAM, '34, is located in Fort Laval, Texas, with the Aluminum Co. of America as electrical superintendent of the Ft. Comfort Works.
- BRADSHAW, R.A., '34, receives mail at Box 1099, Salisbury, N.C.
- COFFEY, JACK W., '34, should be addressed at Box 1089, Lumberton, N.C.
- KIHN, MYRON EARLE, '34, is a mechanical

- engineer living in Lincolnton, N.C.
- SEIDER, WM. FREDERICK, '34, lives in Whitesville, N.C.
- THOMPSON, WM. G., '34, lives at 601 Mont-leu Ave., High Point, N.C.
- ROGER, CHARLES N., '35, lives at 1722 Home Ave., Hattiesville, N.C.
- ROPER, ELLIS L., '35, wants mail sent to 721 Howard Road, Baltimore 8, Md.
- SCOTT, FREDERICK T., '36, lives at 13314 Kingston, Huntington Woods, Mich.
- DELANEY, CARL DAWSON, '37, is a research chemist for the Liggett & Myers Tobacco Co. in Durham, N.C., and lives at 707 Watts Ave., Durham.
- HELAK, SAMUEL M., '37, should be addressed at 32-B Packard Court, Niagara Falls, N.Y.
- SCARBOROUGH, HARTWELL VICK, JR., '37, Capt. USMC, is stationed with the Marines at Chantry Point, N.C.
- ANTON, ROBERT F., '38, lives at 81 Newfound St., Canton, N.C.
- BLACKWOOD, ROBERT S., '38, lives at 188 Probst St. South, Portland, Maine.
- CYRUS, HENRY NOBLE, '38, is an electrical engineer with the Western Electric Co., 191 Broadway, New York City, and lives at 350 E. 56th St., New York 22, N.Y.
- KILLAM, GEORGE R., JR., '38, gets his mail at 2501 1/2 Ave. S., Snyder, Texas.
- ✓ AUBRY, LOUIS H., JR., '38, lives at 1327 Quind Rd., Charlotte, N.C.
- CHACE, KENNETH VICTOR, '39, wants mail at 26 Middle Rd., Acushnet, Mass.
- ✓ HAYWORTH, M.S., '39, gives his address as 828 West Haven Blvd., Rocky Mount, N.C.
- LAILEY, JAMES BERNARD, '39, is mechanical engineer for Springs Cotton Mill Inc., and lives on Route 4, Lancaster, South Carolina.
- MOORE, C.N., '39, lives at 137 Talane Rd., Kenmore 17, N.Y.
- RANDOLPH, ELDRED O., JR., '39, gets mail at Box 718, Morganton, N.C.
- ROGERS, SIDNEY DAWSON, '39, is at 1109 Redwood Ave., Alcoa, Tenn.
- RUMMOND, ROBERT S., '39, announces the birth of a son in Raleigh on April 27, 1949. Home is at 1200 Cobb Ave., Burlington, N.C.
- WHITLEY, HENRIETTA STUART, '39, lives in Williamson, N.C.
- HALSTED, BRUCE, '41, is with the Clark Controller Co. in Cleveland, Ohio.
- HATHAWAY, J.B., '41, lives at 1910 C Lancaster Ave., Wilmington, Del.
- ANKERS, ROBERT EMMERSON, JR., '42, is radio engineer with Raymond E. Wilcocks Inc., 1469 Church NW, Washington, D.C.
- GRAY, THOMAS I., '42, and Miss Clara Eller of Charlotte, were married on April 16, 1949. He is with the Southern Railroad.
- JOHNSON, W.S., JR., '42, is in Ft. Worth, Texas, in the performance section of the Chance-Vought Aircraft Co. Home is at 3437 West 14th St., Ft. Worth.
- LAMBE, THOMAS WILLIAM, '42, is addressed c/o CE Dept. Mass. Institute of Technology, Cambridge 39, Mass.
- STURKEY, JAMES MILTON, '42, sends in a new address at 145-13 27th Ave. NE, Seattle, Wash.
- FARTHING, EDWIN HAROLD GLENN, '43, is living at 1001 Pamlico Drive, Greensboro, N.C.
- BAKES, FLOYD POWELL, '44, and Miss Alice Gertrude Harris of Concord, N.C., were married on September 18, 1948. Route 4, Henderson, N.C., is the mailing address.
- GOODRUM, W.J., '44, gives his mailing address as Box 377, Long Beach 1, California.
- GREENE, GEORGE P., '44, lives in Boone, N.C.
- HEFFERNAN, JAMES A., '44, is now associated with Sanderson & Porter, Louisville, Ky., Consulting Engineers, Bernheim Lane.
- HARPER, WALTER W., '44, can be reached c/o Mrs. C.A. Biddingsfield, Millbrook, N.C.
- HITCH, WILLIAM JOHN, JR., '44, should be addressed R-2, Norlina, N.C.
- KELLY, JAMES F., '44, lives at 16 N. Boylan Ave., Raleigh, N.C.
- URABH, ROBERT, '44, gets mail at Box 308, Biomark, N.D.
- STEWART, ARNER THOMAS, '44, is a chemical engineer with the Shell Chemical Co., Deer Park via Houston, Texas, and lives at 704 Cowan Ave., Pasadena, Texas.
- WHITEHURST, T.B., JR., '45, is now with the Fairchild Corporation, Hagerstown, Md.
- DYAS, JAMES E., JR., '46, is a chemical engineering trainee with the Industrial Rayon Corp., and is living in Covington, Va., at R-2, Parrish Court.
- FIDLER, CHESTER A., '46, states his mailing address is 32 N. Main St., Dayton 2, Ohio.
- GAYLIN, LUCIEN WILLIAMS, '46, and Miss Gene Emelyn Dinton were married in Charlotte on March 9, 1949. He is engineer for the Southeastern Underwriters in Charlotte. Mail should be sent to 2111 7th St., Charlotte, N.C.
- WOOTEN, ROBERT EDWARD, '46, is a construction engineer with the Nello L. Teer Co. of Durham, N.C.
- DILLON, C.A., JR., '47, is living at 1803 Hillsboro, Raleigh, N.C.
- JONES, RICHARD M., '47, is now located in Atlanta, Ga. Home is at 1061 West Marietta St. NW, Atlanta.
- MENON, E. PULLEN, JR., '47, lives at 831 S. Garrett St., Henderson, N.C.
- RICH, MARSHALL M., '47, junior draftsman, N.C. Highway & Public Works Commission, recently received a certificate in highway traffic from Yale University, Raleigh, N.C., 106 W. Aycock St., is home.
- WALKER, CARL H., JR., '47, and Mrs. Ruth

James Carter of Sharpburg, N.C., were married on May 12, 1949. He is an electrical engineer for the City of Rocky Mount, N.C.

WOODALL, W.L., '47, wants mail sent to Box A-2, Carter Fabric Corp., Greensboro, N.C.

BEKKER, JOE H., '48, can be reached via Route 1, Lexington, N.C.

CAMP, JESSE GRAY, JR., '48, and Miss Anna Jo Morgan of Raleigh were married on July 1, 1949. He is research chemist with the Union Bleachery Finishing Co. in Greenville, S.C.

HINKLE, ROBERT CLIFF, JR., '48, and Miss Kathryn Perry Tilley of Fuquay Springs, N.C., were married on August 20, 1949. They are at home in Badin, N.C., where he

is with the Carolina Aluminum Co.

PATTERSON, R.B. JR., '48, lives at 11 Hampton Heights, Canton, N.C.

LEE, JOSEPH M., JR., '49, wants mail sent to Box 1801, Raleigh, N.C.

LYONS, ROBERT T., '49, gets his mail at the YMCA, York, Pa.

QUEEN, RAY J., '48, lives in Morganton, N.C.

RICHARDSON, SEATON N., '49, lives at 2704 Ballantine Blvd., Norfolk, Va.

STOCKARD, BEN BRYAN, JR., '49, and Miss Elizabeth Campbell Easter of Greensboro, N.C., were married on June 21, 1949.

THOMPSON, WILLIAM R., '49, can be addressed at Box 83, Aurora, N.C.

YORK, JAMES M., '49, lives at 612 Greenland Drive, Fayetteville, N.C.

SIGMA

ZENKER, GEORGE E., '24, is examining engineer for the Reconstruction Finance Corp., 811 Vermont NW, Washington 25, D.C.

ANDERSON, JAMES, JR., '26, is now chief draftsman for the Kinnear Mfg. Co., in Columbus, and lives at 128 West Lowview Ave.

DUTKO, HAROLD L., '26, is Sales Mgr., Clay Craft Brick Co., in Columbus. Home is at 927 Gerard Ave., Columbus.

AMSTUTZ, GORDON, '27, is chief industrial engineer for Oil Well Supply Co., a division of U.S. Steel, in Columbus, and lives at 2292 Summit St., Columbus, Ohio.

DUNBAR, J.K., '28, is with the Luxtron Corp., experimental dept., in Columbus, Ohio, and lives at 886 Oxford St., Worthington, Ohio.

KAUER, THEODORE, '28, Director of Highways for the State of Ohio, lives at 2041 Beverly Road, Columbus, Ohio.

BECK, RICHARD MILLER, '30, is plant supervisor for the Chesapeake & Potomac Tel. Co., Charleston, West Va., and lives at 1401 E. Quattrio St., Charleston.

LEMAV, CURTIS E., '32, Lt. Gen., USAF, in charge of U.S. Strategic Air Command, makes his headquarters at Offutt Field, Omaha, Nebraska.

MOYER, GEO., '32, Capt., USA, who has been on an assignment with the electronics subdivision at Wright-Patterson Air Force Base, is now on overseas duty. Permanent address is c/o Adjutant General U.S. Army, War Dept., Washington, D.C.

DUNBAR, GEORGE KARL, '34, is research engineer for the Humble Oil & Refining Co. in Houston, Texas, and makes his home there at 1103 Bomar Ave.

FITCHER, WAYNE CLINTON, '34, is assistant mgr. Buckeye Overall Co., Versailles, Ohio, and lives at 301 N. 2nd St., Coldwater, Ohio.

LAMBROU, LAMBROU PETER, '35, is owner of the Lambrou General Printing Co., and lives at 901 Wales Road NE, Maillon, Ohio.

FUNKERMAN, JAMES EDWARD, JR., '36, is President of the Columbus Anvil & Forging Co., 117 West Frankfurt St., Columbus, Ohio, and lives at 89 South Dawson St., Columbus, Ohio.

SMITH, CHARLES BROWN, '36, new chapter adviser at Sigma is teaching in the C.E. Department at Ohio State, and lives at 1471 Ashland Ave., Columbus, Ohio.

BOERINGER, ELBERT JOHN, '38, is engineer for the Formica Insulating Co., 4614 Spring Grove, Cincinnati, Ohio, and lives at 1767 Cheviot Road, Cincinnati 24, Ohio.

HARTMAN, PAUL C., '38, is head of his Accounting Engineering Firm 60 East Broad St., Columbus, Ohio, and home is there at 1020 NW Blvd.

DEKENBERGER, ROBERT GRAY, '39, is engineer for the Flexible Co., Loudonville, Ohio, and lives there at 721 E. Main St.

SCHUEWE, NORMAN E., '39, is chief industrial engineer in charge of personnel in the Industrial Engineering Dept. of the Ford Motor Co., Dearborn, Mich., and lives there at 22811 Wilson.

SMEILER, JAMES WALLACE, '41, is a research engineer at Battelle Memorial Institute, 701 W. King Ave., Columbus 1, Ohio, and lives at 192 E. Beechwood Blvd., Columbus 2, Ohio.

BARTHOLOMEW, RUSSELL W., '48, is chief industrial engineer at the Delaware Plant of the Ranco Inc., 401 West 14th St., Columbus, O. Home is at 423 N. Liberty St., Delaware, Ohio.

MANNON, DAVID JENCKS, '47, is an instructor in mechanical engineering, Ohio State University, Columbus 10, Ohio, and lives at 42 N. Hampton Road, Columbus, Ohio.

KERO, DONALD ELMER, '48, who graduated from the School of Business Administration at Ohio State, is living at 14923 Prospect Ave., Dearborn, Mich.

WARRER, GEORGE, '48, received his M.S. in

Ceramic Engineering this year and is with the Porcelain Enamel Institute in Washington, D.C., which is at 1810 Vermont Ave. NW.

TAU

WHESE, CARL F., '21, was elected to the board of directors of the Lincoln National Bank and Trust Co. in Syracuse, N.Y.

WILSON, STANLEY H., '28, reports the birth of a daughter, Ruth Lee, on December 19, 1948.

HENDERSON, JOHN THOMAS, '31, is electrical engineer for the Commonwealth & Southern Corp., 212 W. Mich. Ave., Jackson, Mich.

LEE, PAUL H., '34, Lt. USA or USN, announces the birth of a son, Paul Ralph William Marquez, on June 21, 1947.

SCHEIDT, DONALD F., '38, has been elected president of William Schleg Inc., of Syracuse, New York. Home is at 246 Fellows Ave., Syracuse.

WIGGINS, RONALD LUTHER, '38, is industrial engineer for the Western Electric Co., P.O. Box 7, Elyria, Ohio, and lives at 119 Cataline St.

KULLANDER, DONALD EDWARD, '41, sends in his new address at 108 East Amherst St., Buffalo, New York.

MAYO, STERLING ELLIOTT, JR., '41, is engineer for the Federal Tel. & Radio Corp., 900 Pacific Ave., E. Newark, N.J., and lives at 4 Clinton Place, Metuchen, N.J.

ALLEN, BRUCE M., '47, gives his address as 31 Grand Avenue, Freeport, Long Island, New York.

HANESSIAN, JOHN, '47, can be reached at 710 Summit Avenue, Syracuse, New York.

SCHMIDT, LOTHAR M., '47, now resides at 320 Buckingham Avenue, Syracuse 10, New York.

BAUER, DAVID, '48, wants his mail sent to 1513 East 68th Street, Chicago, Illinois.

KULLANDER, DONALD E., '48, and Miss JEAN Montrose were married on October 30, 1948. Home is at 128 East Amherst St., Buffalo, N.Y.

GNEISEN, ALBERT J., '48, gives his address as 194 Dogwood St., Park Forest, Chicago Heights, Illinois.

UPSILON

MINNIN, HAL FLETCHER, HON., is vice president in charge of engineering for the Arkansas Power & Light Co., Little Rock, Ark., and home is at 206 Harding Ave., Pine Bluff, Ark.

STOUGH, GERALD DONOVAN, '28, is with the Gar Wood Industries in Detroit, Mich., and his mailing address is 16126 Perit Ave., Detroit.

BOWMAN, ROBERT A., '29, has been appointed engineering manager of the atomic power division of the Westinghouse Electric Corp. with headquarters in Pittsburgh, Pa. The family home is at 111 Old Clairton Road, Pittsburgh, Pa.

BURTON, EDWARD THOMAS, '29, has left engineering and is salesman for a wholesale grocery company in Patterson, Arkansas. Mail will reach him if sent to McCrory, Arkansas.

CARRUTH, HUGH BERNARD, '29, is distribution engineer, Southwestern Gas & Electric Co., DeQueen, Arkansas.

CLARK, ROBERT, '29, is with Warner & Sweeney of Cleveland, Ohio, and the family home is at Briar Hill, Solon, Ohio.

PETER, THEODORE E., '29, is chief of the Plant Branch of the Vicksburg Eng. Dist-

rice C.E. at Vicksburg, Miss. He has been with the Corps of Engineers since 1932. The family home is in Vicksburg at 1432 South St.

JAMISON, DANIEL B., '30, gives his mailing address as 114 Jewel St., Longview, Texas.

SCHROEDER, KENNETH FRED, '30, is engineer for the Turbine & Engine Div., Engineering Dept., Hartford Steel Boiler Inspection & Insurance Co., Hartford, Conn., and lives at 76 Prospect St., Hartford.

GORDON, WILLIAM M., '31, Commander USN, is with the Civil Engineer Corps of the Navy and has offices at room 2714, Arlington Annex, Navy Dept., Washington, D.C. The family home is at 210 N. Globe Road, Arlington, Va.

PITTMAN, WALTER D., '32, lives at 1804 Cataline St., Cheverly, Md.

ATKINS, ROBERT, '33, is with the Carter Oil Co. with office in the Apco Tower, Oklahoma City, and the family home there is at 2033 NW 27th St.

DEAN, CHESTER A., '34, has offices at 700 Commerce Trust Bldg., Kansas City, Mo.

FARRIS, GEORGE G., '34, is engineer for the Oklahoma Gas & Electric Co., and lives at 1624 Hayes St., Muskogee, Okla.

ELDRIDGE, ROLFE C., JR., '37, lives at 832 Smith St., Forest City, Ark.

MANLEY, EUGENE HARTLEY, '39, is district engineer, Arkansas State Highway Dept., Ft. Smith, Ark., and lives at 821 North 12th, Ft. Smith.

SCOTT, GEORGE H., '41, is a member of the electrical engineering faculty at the University of Arkansas.

SMITH, FRANK K., '41, is with Westinghouse Electric Corp. in Houston, Texas, and the home is at 4847 Underwood, Houston.

HELMs, FLOYD PARKER, '42, Major USA, formerly of Russellville, Ark., is now in command of a reserve unit at Texas City, Texas. He receives his mail at General Delivery, La Marque, Texas.

RANDOLPH, JOSEPH PEYTON, '42, was married on June 23, 1949, to Miss Helen Smith of Luthian, Md. He is employed at the Johns Hopkins Applied Physics Laboratory in Silver Springs, Md. He lives at 1718 1st St. NW, Washington, D.C.

HUGHSMITH, GEORGE, '43, lives at 1219 H St., Little Rock, Ark.

SMITH, NORMAN L., JR., '43, is a development engineer for General Electric Co. in Schenectady, N.Y. The Smith family lives at 2088 Caldecott Road, Schenectady.

BROWN, JAMES O., '43, gets his mail at Box 523, Falfurrias, Texas.

LaDUE, HAROLD G., JR., '45, is a Technical Engineer with the Carbide & Carbon Chemical Co., Oak Ridge, Tenn. The family home is at 101 West Vance Road, Oak Ridge.

DYKE, MARTIN T., III, '46, is with Dyke Brothers building materials business in Memphis, Tenn. Mail should be sent to P.O. Box 2445, DeSoto station, Memphis.

BOLLEN, AUSTIN, '47, is with the Arkansas Power & Light Co. and lives at 886 E. Black, El Dorado, Ark.

JOHNSON, GEORGE STANLEY, '47, is resident engineer for the Arkansas Fuel Oil Co., Box 1401, Little Rock, Ark., and lives at 91 Sherwood, Park Hill, North Little Rock.

SAMUELS, GARLAND, JR., '47, received his Masters in Mechanical Engineering at

Ames in August. Mail should be sent to 718 State St., Pine Bluff, Ark.

VINEYARD, HENGE J., '47, and Miss Lynn Bayless of Hope, Ark., were married on August 3, 1948. Home is at 1029 W. Washington Blvd., Ft. Wayne, Ind., where he is in the design section of the General Electric Co.

ALLISON, NOLAN BYRN, '48, is engineer for the Magnet Cove Barium Co. in Malvern, Arkansas, and lives at 111 Dyer St., Malvern.

BRANDON, HIRAM F., '48, is engineer for the Arkansas Power & Light Co. at Helena, Arkansas. The family lives at 152 Center St., West Helena, Ark.

McKEECHAN, McCLEYN, '48, spent the summer in Alaska and is now back at M.I.T. working on his doctorate in atomic physics.

BURLINSON, C.J., JR., '49, is a civil engineer with the Texas State Highway Dept., and lives at 5634 Bonnell, Houston, Texas.

COX, E.C., JR., '49, is with the Buckeye Cotton Oil Co., and lives at 1444 Guernsey St., Memphis, Tenn.

HAYNES, CHESTER L., '49, is with Arkansas Power & Light Co. and lives at 710 Cherry St., Pine Bluff, Ark.

MARTIN, DICK, '49, of Coweta, Oklahoma, has been awarded a fellowship to study at the Illinois Institute of Technology by the Institute of Gas Technology.

McGALLUM, ROBERT D., '49, is with A.T. & T. Co. and lives at 1039 A Waterman Blvd., St. Louis, Mo.

McFARLAND, DILL GUS, '49, and Miss Ann Davenport were married in the First Baptist Church of Fayetteville, Ark., on May 12, 1949.

MEER, R.G., '49, is a traffic assistant for the Southwestern Bell Telephone Co. Mail should be sent to 1181 Vernon Ave., St. Louis 12, Missouri.

MURRELL, WILBY, JR., '49, and Miss Betty Benton of Fayetteville were married on June 8, 1949. They are at home in Mountain Home, Ark., where he is with the U.S. Engineers on the Bull Shoals project.

SMITH, H.G., '49, is with Gulf Refining Co. in Lafayette, La., where home is at 1302 West College.

PHI

SOLBERG, HARRY LALAND, '21, is head of the School of Mechanical Engineering, Purdue University, Lafayette, Indiana, and lives at 630 Ross St., West Lafayette, Ind.

GRAY, WILLIAM ENOCH, '21, who is vice president of the Peerless Equipment Co., 332 S. Michigan Ave., Chicago 4, Ill., lives at 1731 East 80th St., Chicago, Ill.

DIVAN, LOUIS S., '28, is assistant to the works manager, Baldwin Locomotive Works, Paschall station, Philadelphia 42, Pa., and lives at 1811 Franklin Ave., Marion, Pa.

FEILINGER, ARTHUR ELLIS, '30, is engineer for the Girard Mfg. Co., and lives at 26 Lake St., Girard, Pa.

WHITEMILLER, DONALD EDWARD, '31, is steam

power design engineer, for Arthur G. McKee & Co., 2300 Chester Ave., Cleveland 1, and lives at 7407 Dellbank Drive, Cleveland 9, Ohio.

SIRTIMA, STUART JOHN, '31, Major U.S. Air Corps, is with the Air Material Command, at Wright Field, Ohio, but mail should be sent to RFD No. 3, Lafayette, Indiana.

CHI

BUTLER, BERT S., Hon., has retired as head of the geology department at the University of Arizona and should be addressed at his home, 1838 E. Drachman St., Tucson, Arizona.

DENNEY, FREDERICK F., '30, is with General Electric Co., 1400 Book Tower, Detroit, Mich., and home is at 2237 Pincrest, Ferndale, Mich.

BACON, FRANK ORVAL, '31, is Dupont Representative with Macondray & Co., Manila, P.I., and says no more detailed address is needed for mail to reach him.

BENNETT, EARL R., '31, Comdr., USN, returned from Japan and is now with the Public Works Dept. of the U.S. Marine Barracks, Camp Lejeune, N.C.

ERICKSON, JACOB, '31, gets his mail in care of the U.S. Bureau of Public Roads, 108 North 15th St., Phoenix, Arizona.

NORTON, WILLIAM FREDERICK, '32, is assistant manager of the Ceco Steel Products Corp., 1410 Mirasol, Los Angeles, Calif.

LAMB, FRANK D., '33, is metallurgist for the U.S. Bureau of Mines, College Park, Maryland, and lives at 1206 Tilden Road, Decatur Heights, Washington, D.C.

CLINTON, FRANK MARK, '34, is now assistant regional director, U.S. Bureau of Reclamation, in Boise, Idaho, and lives at 1016 Franklin St.

HOUSTON, GEORGE B., JR., '34, is fire prevention engineer for the 4th army at Ft. Sam Houston, San Antonio, Texas.

POTTER, GEORGE M., '35, has returned from Mexico to the Salt Lake City branch of the U.S. Bureau of Mines, 1600 E. First South St., Salt Lake City 1.

RING, CLINTON EUGENE, '35, is engineer for the General Electric Co. in Bridgeport, Conn., and lives at 17 Rockland Road, Milford, Conn.

DREIDINGER, WILLIAM, '36, has been promoted to acid plant foreman for the leaching plant of Inspiration Cons. Copper Co., Inspiration, Ariz.

ANDERSON, JOHN R., '37, and family have moved to the farming district between Prosser and Glendale, Arizona, where he is in the cattle business.

CONROY, THOMAS, '37, Lt. Col. USA, is now at the Command Staff School, Maxwell Field, Ala.

HILLER, JOHN D., '37, and family are living

in San Francisco now where he is with the Bechtel Corp., 220 Bush St., San Francisco.

PEARSON, ARTHUR A., '37, Capt. USAF, and Miss Billie Louise Wilson were married on May 26, 1949, in Tucson. He is stationed at Davis-Monthan Air Base and the family home is at 1828 E. Fifth St., Tucson, Arizona.

CANNON, ALTON H., '38, is with General Electric Co., 1801 N. Lamar St., Dallas 2, Texas, and lives at 3740 Holland, Dallas.

BEJCEK, OTTO JOHN, '39, is engineer for Wallace & Therman Sales Corp., and lives at 443 Segovia, San Gabriel, California.

CLARK, FREDERICK B., JR., '39, is office manager for the Aircraft Division, Weber Shoups & Fixture Co., 2001 Belgrave Ave., Huntington Park, Los Angeles, Calif.

LAMOTHE, CHARLES, '39, Major USA, is at Maxwell Air Force Base, Alabama.

SHORM, HENRY M., '39, reports the birth of Henry Martin II on Jan. 24, 1949, in Phoenix, Arizona.

STEVENS, VICTOR D., '39, has just completed his 10th year with Central Arizona Light & Power Co., in Phoenix, Arizona.

GARRETT, A. RICHARD, '40, has bought a home in Tucson for himself and family. He is manager for the J.B. Metz Specialty Contractor Co.

GARRETT, H.J., '40, is farming cotton and citrus fruits in southern Texas except when he is flying with the air corps reserve at Randolph Field. Home address is Harlingen, Texas.

DUFFY, ALFRED R., '42, has a son, Christopher Matthews, born December 4, 1948, in Ft. Wayne, Indiana.

EPELV, ROBERT H., '42, Lt. USN, is on duty on the USS Spokane. Home for himself and family is at Norfolk, Va.

FRAISER, JAMES, '42, is a Westinghouse representative in San Francisco, Calif.; 410 Bush St., is the company address. Mail should be sent to his home, 975 9th St., Richmond, California.

STEPHENS, ROBERT A., '42, is now with the Mountain States Telephone & Telegraph Co., in Denver, Colorado, in the Commercial Personnel Dept.

WEST, H.B., '42, Lt. USN, has recently completed flight training as a naval aviator. He is now executive officer on patrol squadron

21, based at Argentia, Newfoundland, flying from Patuxent River, Md., to Greenland and Labrador.

THOMAS, THEODORE E., '43, reports the birth of a daughter, Judith Elaine, on August 31, 1948. He is with Genl. Electric Co. in Schenectady, N.Y.

KINKHEAD, JOSEPH C., '44, LL. U.S.A., has been taking a course in engineering sciences at the USAF Institute of Technology, Wright-Patterson Air Force Base, Dayton, Ohio.

KONRADSON, GEORGE A., '44, reports the arrival of a daughter, Sharon Ann, on Feb. 9, 1949, in Joplin, Mo. Their home address is at 1104½ E Central, Miami, Oklahoma.

BRITTAIN, RICHARD, '47, and Miss Lucine Gray were married in Los Angeles on Sept. 7, 1949. He is with Goldfields American Development Co. Ltd. in New York City, and the home address is 4 Edward St., Apt. 2E, Roubyn Heights, New York.

KNUTSON, HAROLD M., JR., '47, has been working as design engineer for Southern California Edison Co. in Los Angeles for several years and now lives in Huntington Park, Calif.

VAIL, HERBERT P., '47, is field engineer for General Electric Co. in San Francisco, Calif., 231 Montgomery St.

COULSON, ROY E., '48, and Dr. Dolly Delno were married in Phoenix on Dec. 18, 1948. Originally of the class of 1944, he received his degree in electrical engineering in 1948.

HENDERSON, RAYMOND E., '48, is an en-

gineer with the General Electric Co., in Schenectady, N.Y.

HOWE, DANIEL, '48, is assistant physical testing engineer, Calif. State Division of Highways in Sacramento and the family home is at 8131 37th Ave., Sacramento.

NELMS, CARTER E., '48, and Miss Marie Jensen were married at Phoenix, Ariz., on June 11, 1949. They are at home in Inspiration, Ariz.

SOULE, VAN H., '48, is with the San Manuel Mine at San Manuel, Ariz.

BARR, RICHARD CRONER, '49, is a junior engineer with the Pitman Co. of America in Carlisle, New Mexico.

BELL, LAWRENCE EDWIN, '49, is an electrical engineer with the test training program of the General Electric Co. Mail should be sent to P.O. Box 811, Bldg. Arizona.

BOCKERTSTAFF, JAMES J., '49, a mechanical engineer, is living at 848 31th St., Douglas, Arizona.

DICKERSON, ELMO LEON, '49, is living in Thatcher, Arizona.

FENTON, NORMAN L., '49, is working for Radio Corp. of America in the new Marion, Indiana, plant. His address is 924 S. Washington, Apt. C, Marion, Ind.

KING, EDWARD, '49, not only received a \$500 scholarship from the Kennecott Copper Co., but Phelps-Dodge added a \$1000 for use in graduate work.

WILLIAMS, ROBT., '49, received a \$1000 scholarship from the Kennecott Mining Co. for his senior year.

WENZEL, ROBT., '49, received a \$1000 scholarship from the Phelps Corporation.

PSI

BLIXT, JOSEF E., '32, is District Geologist for the Wyoming-South Dakota-Idaho District of the Texas Co. His address is c/o The Texas Company, P.O. Box 1144, Casper, Wyoming.

SHERMAN, KALPH JOHN, '33, is Mine Foreman Sherman Mine of Day Mines Inc., Wallace, Idaho, and lives at 801 N 8th Ave., Coeur d'Alene, Idaho.

WILLIAMS, MELVIN E., '36, is with the Vulcan Mining Co., Teller, via Lima, Peru, S.A. CHAMBERLAIN, VIRGE RALPH, '38, is studying for his Ph.D. in geology at Leland Stanford University, Palo Alto, Calif.

COKE, DON QUINCY, '40, is working for an export company in San Francisco, and lives there at 830 California St., Apartment 20.

DODD, KENNETH L.M., '40, is now manager of the Canadian Allis-Chalmers Ltd., in Vancouver, B.C.

ECK, LAWRENCE THEODORE, '40, is senior development engineer, National Lead Co., Ti-

tanium Division, South Amboy, N.J., and lives at 758 Canby Blvd., Perth Amboy, New Jersey.

GOODING, MATTHEW ERNEST, '40, is supervisor of engineering development, Carbon Electrode Plant, Aluminum Co. of Canada Ltd., Arvida, Quebec, and lives at 811 5th St., Arvida.

GREENE, THOMAS ALEXANDER, '40, is now an assistant engineer, Engineering Dept., Anaconda Copper Mining Co., Butte, Montana, and lives at 2601 Princeton Ave., Butte.

JANK, THOMAS, JR., '40, is supt. of the Butte Mt. Division, Phelps Dodge Corp., Tyrone, New Mexico.

KAPPEL, STANLEY ERNEST, '40, is safety engineer for the Federal Mining & Smelting Co., 102 Bank St., Wallace, Idaho, and lives at No. 6, Tennis Ave., Mullan, Idaho.

LARE, HAROLD EDGAR, '40, is general mine superintendent of the Eldorado Mining &

- Refining Co. Ltd., Port Radium, N.W.T., Canada. Mail is addressed to P.O. Box 140, Edmonton, Alberta, Canada.
- LUTHERN, THOMAS E., '40, is now research engineer for the Helget Zinc Co., in Danville, Illinois.
- RAMERON, AUGUST F., '40, is now with Phelps-Dodge Corp. in Tyrone, New Mexico.
- HAMILTON, FRANK A., '41, is with Ingersoll-Rand Co. in Toronto, and his home address is at 19 Airley Crescent, Toronto 6, Ont., Canada.
- HUXLEY, JOHN H., '41, is engineer for the Universal Zoneline Co., P.O. Box 784, Libby, Montana.
- HEPPA, REINO E., '41, is employed by the Gravity Meter Exploration Co. of Houston, Texas, and his address now is Box 5144, Sonoma, Texas.
- LINQUIST, DEAN H., '41, is lubricating engineer for the Term Co. in Butte, and lives at 2818 Banks, Butte, Montana.
- NEUBAUER, HERMAN, '41, employed by the Gravity Meter Exploration Co. can be reached via Box 481, Valmora, Texas.
- PICKARD, JOSEPH W., '41, gives his home address at 152 Grove St., Plainfield, N.J.
- PUCMALA, PABLO, '41, is with the Ruby Gulch Mining Co., Zortman, Mont.
- ROSTAD, ORA H., '41, who was at Jardine and later at Metaline Falls, Wash., is with the New York and Honduras Rosario Co., San Juanico, Honduras, C.A.
- SAPPAH, CARL, '41, gets mail at 216 11th Ave., Edg., Calgary, Alberta, Can.
- STODDEN, KENNETH J., '41, is a research assistant at Penn State College, and lives on Main St., Central Hill, Penna.
- WARD, CAROL, '42, formerly located at Daer Lodge, Montana, has moved to Helena where he can be addressed at 1184 Leslie St.
- PETT, RAY WATKINS, '41, who received his degree at the University of Wisconsin, is at the Geneva Plant of the U.S. Steel Co., and lives at 765 North 8th East, Provo, Utah. He is the son of L. Fern Pett, Lambda '22, supt. of Kennecott Copper Co. in Bingham, Utah.

OMEGA

- MCCLEAN, L.C., '32, moved to South America this spring and can be addressed as follows: Frigorifico Armour de La Plata, Reconquista 314, Buenos Aires, Argentina.
- SCHMELING, KENNETH ELMER, '33, is with Brown & Biglow in St. Paul, Minn., but lives at 1021 Tyler NE, Minneapolis, Minn.
- GAMSTETTER, NOEL A., '34, gives his address at 4200 Brannon Street, Minneapolis 18, Minnesota.
- GROWN, RICHARD, '35, announces the birth of a daughter born January 23, 1948. He is with Northwestern Bell Telephone Co. in Iowa Falls, Iowa.
- BORKE, JAMES, '37, is the owner of the Watertown Foundry, Watertown, S.D.
- VERAAR, F.R., '37, is with the Shell Oil Co., 411 Denham Bldg., Denver, Colo.
- FENNER, OTIS, '39, is geologist with the Pacific Western Oil Co. in Casper, Wyoming, and his permanent address is 111 South Center St., Casper. He announces the birth of a son, Greg Randall, born January 7, 1949.
- LUBKE, ROBERT, '40' reports a new son, James Frederick, born April 26, 1949, in Parkersburg, West Virginia.
- HUBBARD, EARL J., '42, has left Baltimore and is now in charge of Labt. Foundry and Heat Treatment for the Janney Cylinder Co., 7421 State Road, Philadelphia, Pa.
- DAVID, ARTHUR LLOYD, '43, is with the Davis Construction Co. in Aberdeen, South Dakota.
- WINKLER, ROBERT, '43, reports the birth of a son, Alan Greg, on May 26, 1949, in Holbrook, Nebraska.
- DANIEL, LLOYD, '44, has a son, Brian Lynn, born September 9, 1949, in Palestine, Illinois.
- GRIFFITH, WILLIAM A., '47, and Miss Gracie Frances Hinnan of Pierre, S.D., sister of William Hinnan Jr., Omega '45, were married in Trinity Church, Boston, on January 27, 1949. He received his M.S. at M.I.T. and is now with the New Jersey Zinc Co., Palmerton, Pa.
- STEINBERG, WESLEY, '47, has completed his graduate work at the University of Washington, and is now with the Sperry-Grynscope Co. at Lake Success, New York.
- BENNER, FRANCIS ROBERT, '48, announces the birth of a daughter on March 24, 1949. He is with Westinghouse Electric Corp. in East Pittsburgh, Pa.
- HICK, MARVIN R., '48, Byron H. Sezaadell, '48, and Helmut Udager, '48, are all with Scott Engineering Co., Midland National Life Bldg., Watertown, S.D.
- JONES, ROBERT, '48, and family have moved to Corpus Christi, Texas, where he is with the A.S. & B. Co. zinc plant.
- PETERSON, MARVIN E., '48, is employed in the Kodacolor Print Department of Eastman Kodak Co. He is living with Don Schoessler, Omega '49, at 144 Devon Road, Rochester, New York.
- WILKARTH, VERL RICHARD, '48, and Miss

Aline Jensen were married on March 29, 1949. He is with the United States Geological Survey at Carter, South Dakota.

BUTLE, ROBERT, '49, can be found at 8311 S. Maryland Avenue, Chicago 19, Ill.

JUNENSON, ROBERT G., '49, is working with the Corps of Engineers on the Fort Randall Project. His address is Box 78, Pickstown, South Dakota.

SCHOFER, DON H., '49, since graduation has been employed by Eastman Kodak Co., Rochester, New York, in the Kodacolor Print Department. His address is 144 Devon Road, Rochester 11, N.Y.

TAYLOR, HARVEY, '49, is now with the Montana State Health Dept., in Helena, Montana.

GAMMA BETA

LYLE, FIRMEN P., '32, lives at 2297 Forest Drive, Pittsburgh 21, Pa.

EDSON, FRANK W., '48, is with the Lester V. Johnson Engineering Associates of Arlington, Va.

BLANCHARD, DON, '49, the new chapter adviser, is the new business manager at G.W. U.

BRAUGH, FRANK, '49, is with the A.C. Spark Plug Plant in Milwaukee, Wis.

COLE, WALLY, '48, is with the Bureau of Reclamation in Idaho.

LETTER, PAT, '49, is working on the new western extension of the Pennsylvania Turnpike.

MCGEE, HULIA, and BALLOWE, GLEN, '49, are employed at the Blue Plains Sewage Plant.

MICHAEL, JERRY, '49, is working on a Master's degree at John Hopkins after working this summer at Blue Plains Sewage Plant.

DELTA BETA

BAKER, RICHARD JAMES, '41, 1st Lt. U.S. Air Corps, is with the 3333 Bomb Training Wing, 3333 Group Bombing, Mather Air Base, California.

KANNAPPEL, PAUL ALBERT JOHN, '42, is plant manager, Syn. Detergent Division, Monsanto Chemical Co., St. Louis, Mo., and lives at 1160 Pershing Ave., St. Louis.

FLOCK, EUGENE V., '42, gets his mail at P.O.

Box 1068, Richland, Washington.

SCHULER, FOSTER R., '45, Ensign, USN, is addressed in care of Fleet Post Office, Navy 100, New York, New York.

REYNOLDS, J. CARTER, '48, is now living at 1028 Sherbrooke Road, Louisville 3, Ky.

MAYNARD, JACK, '49, gives his mailing address as 1106 Bludgett, Apt. 2, Houston 4, Texas.

"Judge," said the waiter in a Washington restaurant, "I notice you always drink tea at lunch. Haven't you ever tried gin and bitters?"

"No, I haven't," smiled the judge. "But I've tried a number of fellows who have."

"Good morning," said the telephone operator, "this is Barton, Thompson, Green, McTavish, and Peck . . ."

"Oh," said the voice on the incoming call, "well, good morning, good morning, good morning, good morning, and good morning."

A young fellow applied for a job delivering milk, and the manager of

the milk company asked his name.

"Jefferson," said the young man.

"And your first name?" inquired the manager.

"Thomas."

"Well," commented the manager, "that's a pretty well-known name, isn't it?"

"I suppose so," said the applicant. "I've been delivering milk in this town for over three years."

Jones had a very homely wife, but on all his travels he took her along. To a friend he said, "I have to take her along—it's better than kissing her goodbye."

To All Life Subscribers

Fill out the form below and send it to THE GEAR. The magazine can be sent only to those alumni or inactive life subscribers whose addresses are in our files.

THE GEAR cannot be forwarded on the original postage.

Name _____

Chapter _____ Class _____

Mailing Address _____ Street

_____ Post Office

_____ State

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

_____ Street

_____ Post Office

_____ State

KEEP US INFORMED OF YOUR CORRECT ADDRESS

Send to

THE GEAR OF THETA TAU

210 Engineering Bldg.

Iowa City, Iowa



More Pages than Ever Before

in the

New 1950 Edition

BALFOUR BLUE BOOK

P R E S E N T I N G

Crested rings in 10K gold and sterling silver—Charms and Keys—Compacts, bracelets, pendants — Cuff links, chains, knives.

Cigarette lighters and cases — Cowhide and Morocco billfolds — Wall skins, banners, memory book or guest register — Plaques and awards.

OFF THE PRESS IN OCTOBER

Mail post card NOW to reserve your *Free* copy!

BALFOUR SERVICES FOR YOUR FALL REQUIREMENTS

PLEDGE BUTTONS OR PINS . . .
Order your fall supply early.

INVITATIONS TO MEMBERSHIP:
Crested with engraved or printed wording. See Balfour representative or write for samples.

STATIONERY engraved with your crest—both social papers and chapter business styles. Write for samples.

BALFOUR REPRESENTATIVES contact every chapter a minimum of four times a year to display fraternity jewelry.

BALFOUR OFFICES are located in educational centers throughout the country for your prompt service.

OTHER BALFOUR MERCHANDISE: Dance programs, party favors, crested rings and jewelry, medals, cups, trophies, banners, gavels.

Official Jeweler to Theta Tau

L. G. BALFOUR COMPANY

ATTLEBORO

MASSACHUSETTS

* In Canada, contact your nearest Birk Store *

