

# THE GEAR

OF Theta Tau



*SIGMA CHAPTER'S NEW HOUSE*

Fall, 1951

VOLUME XLI

NUMBER 1



*The* GEAR *of*  
THETA TAU



FALL, 1951

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# Theta Tau Fraternity

Founded at the University of Minnesota October 15, 1904

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ERICH J. SCHRADER

ISAAC B. HANKS

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ELWIN L. VINAL

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## THE GEAR OF THETA TAU

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# Chapters

- ALPHA, *Founded October 15, 1904* - - - - University of Minnesota  
(Chapter house) 324 Walnut St., S. E., Minneapolis, Minn.
- BETA, *Established March 26, 1906* - Michigan College of Mining and Tech.  
(Chapter house) 1405 College Ave., Houghton, Michigan
- GAMMA, *Established November 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. Nehon S. Fisk, Col. of Eng., Columbia University, New York City
- IOTA, *Established February 5, 1916* - - - - Missouri School of Mines  
c/o Prof. J. B. Butler, Missouri School of Mines, Rolla, Mo.
- LAMBDA, *Established April 29, 1920* - - - - University of Utah  
c/o George W. Carter, College of Engineering, Univ. of Utah, Salt Lake City
- MU, *Established January 3, 1922* - - - - University of Alabama  
P. O. Box 2043, University Alabama
- 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. H. L. Kinnier, Col. of Engr., University of Virginia, University, Va.
- RHO, *Established February 16, 1924* - N. C. State College of Ag. and Eng.  
c/o Prof. T. C. Brown, M.E. Dept., N. C. State College, Raleigh, N. C.
- SIGMA, *Established November 29, 1924* - - - - Ohio State University  
(Chapter House) 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 Storer 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  
Student Union Office Bldg., George Washington Univ., Washington, D. C.
- DELTA BETA, *Established May 20, 1939* - - - - University of Louisville  
(Chapter house) 2022 S. First St., Louisville, Ky.
- EPSILON BETA, *Established May, 19, 1951* - - - - Wayne University  
c/o Prof. Harold G. Donnelly, College of Engr., Wayne Univ., Detroit, Mich.

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TO ALL MEMBERS OF THETA TAU

IN MEMORY

Theta Taus everywhere were especially saddened this year by the loss of two of our former executive council members, Benjamin Bennett Walling and Fred Coffman. Both of these men had made generous contributions of their time and efforts to the Fraternity and while they were no longer active in the every day affairs of our body, as elder statesmen they were relied upon for help and advice in times of need. We shall be forever grateful to them for their work and deeds and for the example they set for those of us who follow.



*Benjamin Bennett Walling, Alpha '09*  
First Grand Treasurer  
Born in Monmouth, New Jersey,  
May 2, 1885  
Died Minneapolis, Minnesota,  
February 24, 1951

*Fred Coffman, Lambda '18*  
Past Grand Regent  
Born in Springville, Utah,  
March 24, 1894  
Died near Norfolk, Virginia,  
April 5, 1951

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## *Epsilon Beta Chapter Installed at Wayne University*

The Eighteenth Biennial Convention at Kansas City approved the petition of Epsilon Sigma, a local professional engineering fraternity at Wayne University in Detroit and authorized its installation as Epsilon Beta Chapter of

tion for a situation in which a great many members lived in the city.

Grand Regent Curtis arrived in Detroit on May 17, 1951, and inspected the Engineering College with Dean Carr. Brother Curtis was soon joined



Petitioning Group

Theta Tau. The local maintained a fine chapter headquarters in a University building which served as a convenient meeting place and was a practical solu-

by Grand Vice-Regent Dexter Hinckley, Past Grand Regents Hopkins, Glass, and Ames, and the Secretary of the Central A.A., Jack Dumbauld.



Wayne Campus

Also on hand for the installation were three Beta alumni, one Tau alumnus, and six Sigma actives. The visiting team of Grand officers initiated the petitioners and the remainder of the group including faculty members and Alumni were initiated by the six Sigma actives. Brother Jim Reed did outstanding work in the ceremony.

The chapter members of Epsilon Beta were:

1. Robert W. Brown
2. Robert B. Windet, Jr.
3. John F. Christopher
4. Charles W. Greening
5. Stanton Clarke
6. Emery Davies
7. Jack M. Schmid

20. Richard Lynch
21. James R. Moden
22. Charles E. Walls
33. Robert R. Miller
42. Robert B. MacArthur
43. Richard G. Welch

Active members initiated were:

23. Howard M. Hen
24. Harold G. Donnelly
25. Gordon R. Stone
26. Archibald H. Laird
27. James M. Mount
28. Henry A. Fredrickson
29. Alexander R. Ross
30. Wendell D. Trudgen
31. John C. Palmer
32. Stanley J. Lonski
34. Carl A. Olin
35. Luke Rash
36. Murphy D. Shull
37. Paul J. Blinkilde



First Section, New Engineering Building, Wayne University

8. Samuel Smith
9. Charles D. Gillice
10. Clayton W. Good
11. James N. Lauron
12. John E. Lukas
13. Richard W. Mickelson
14. William A. Monticelli
15. Paul Ortiz
16. Robert N. Pesse
17. Nicholas Berar
18. James T. Congliere
19. William J. Fognini

18. Norman Smith
39. Carl E. Olesko
40. Becher C. Eaves
41. Glen Howell

Following the initiation an installation Banquet was held at the Lee Plaza Hotel. The party was augmented by several Theta Tau alumni living in the area. Past Grand Regent Russell Glass started the after-dinner talks with a



short but effective speech. He was followed by Grand Regent Curtis who gave the main address of the evening. It was well adapted to the occasion, beginning with a description of the fraternity's objects and principles and leading to the problems which would beset the chapter. He paid a fine tribute to Erich Schrader, not only for his great talent in founding and fostering the fraternity but for his many personal qualities which have made him a revered and respected figure in Theta Tau for nearly half a century. The Grand Regent told of Dr. Louderback and J. Sidney Marine who rendered outstanding service as Grand

Regents and of many prominent alumni who had enjoyed national recognition for their work. He cited the benefits to be derived from Alumni Associations and urged the formation of an association in Detroit. The address closed with a description of the Professional Interfraternity Conference and the part which Theta Tau has played in the work of that organization.

Following the banquet, the new officers met with the national officers in a two-hour session in which a full understanding of the course of action for the new chapter was established.

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## *The Case for the Engineer*

by WALDO G. BOWMAN

There is an old saying in the editorial offices in which I work that only two things can be safely attacked editorially—without fear of contradiction and usually with assurance of acclaim. One of these is the man-eating shark. No one likes him. The other is engineering education. Few seem satisfied with that either.

Criticism of engineering education is as old as engineering, and is indulged in by engineering educators no less than by others. Indeed, they are usually the principal protagonists, although those who hire engineers are only slightly less vocal.

By and large this continuing controversy has been healthy. It has put a brake on the engineering educator whose own particular specialty seems to him the quintessence of all that is good for an engineering student to be taught. And it keeps within bounds those industrialists—not infrequently

influential alumni—who visualize the engineering college as a factory that should turn out products ready-made for their particular businesses.

These checks and balances, plus free and open discussion, have permitted engineering education, despite its shortcomings, if any, to do some pretty wonderful things for this country and the world. I, for one, have benefited so greatly from it that criticism would be ungracious. In any event, to be too critical at this particular period would be unsportsmanlike, for engineering education is in serious trouble. Its trouble is not of its own making, not related to curricula or methods of teaching, not even of a type that colleges and universities can do much about.

### *Shortage of Students*

The trouble is a lack of enough high school graduates to assure harvesting a large crop of engineers and other

scientists to operate the technical economy that is our current pride and joy.

The trouble then is—in a low birth rate—that existed 18 years ago during the depression. The babies born in the mid-thirties are just now of college age—and there weren't enough of them.

The resulting situation is this: There is a need for 30,000 engineering graduates this year, increasing to perhaps 38,000 in 1960. To get that many graduates requires twice that number of freshmen. Actually we will be getting only about the same number of freshmen as we need graduates, so that by 1954 we will have only 17,000 engineering graduates when the country needs 34,000.

If the need is so great, can't more freshmen be induced to take a scientific course? Some help perhaps may be found in that direction, but the experts express doubt that there are enough high school graduates with the necessary aptitudes to complete an engineering course.

My purpose in outlining this present problem of engineering education is merely to enhance your appreciation of a situation that affects all of us. It is the cause of the proposal to exempt technical students from military service until they have completed their education. From it stems industry's efforts to develop technical skills in its non-technical employees. Because of it, engineers are being paid more than ever before—which is its one good feature. But in the meantime our economy becomes more technical. A shortage of engineers is not good for that.

You may say that what is true of engineering education is true of all other kinds. If there aren't going to

be enough technically trained graduates there also won't be enough graduate psychologists, librarians, investment counsellors or editors.

#### *Editors Are Expendable*

Isn't that something to be concerned about, too? It is, but not in the same degree. Even I must admit that editors are expendable. It would take a good many of them to equal the economic importance of a good nuclear physicist, a technically trained plant manager, a guided missiles expert, a sanitary engineer or a structural specialist. In this day and age only the medical student can lay claim to the same essentiality as the student of engineering and the sciences.

But if the technical man is to be granted such an important place in our lives he will need to assume certain responsibilities that he has heretofore been able to shirk if he chose—and with no great harm to any one but himself . . .

One of these responsibilities relates to his concern for the economic justification of his projects. He will still be concerned with the appearance and safety of the structures that he builds or the projects that he sponsors, but will have to be more steadfast in opposing undertakings whose soundness is highly questionable.

Another responsibility will be to assume managerial tasks when he would rather stick to his test tubes. Dr. Oppenheimer, who headed the atomic bomb scientists, furnished a superb example of a scientist willing and able to make such a sacrifice.

A third responsibility will arise in the realm of civic, state and national affairs. In a technical age, technical leadership will be absolutely necessary in these realms of activity.

And now we get back to engineer-

ing education, for the technical man able to assume these broadened responsibilities will have to be educated as well as trained. Engineering educators have, of course, recognized this fact for some time, but without being able to do much about it . . .

Some colleges have sought a way out of the dilemma by lengthening the four year term to five . . . The difficulty is that the majority of students—and their parents who pay the bills—think four years is enough.

#### *Put Culture in Courses*

One possibility—which so far as I know has not been seriously enough explored—is revamp and re-orient the technical courses to bring in more cultural background. Without doubt the success of such a scheme would depend more on the professor than on what the catalog said a particular course would cover. Yet it should, for example, be possible to bring principles of economics into almost any engineering subject. Literature is a natural complement for a course in English or report writing. Hydraulics, in the phases concerned with rivers, could bring in world geography. In every course there is much to be learned that has a foreign origin, and is therefore related—or can be related—to comparative government.

By such means the normal four-year course in engineering and the sciences could be broadened, and the student broadened with it. From the very beginning of his technical studies, he would gain an appreciation of how each seeming narrow specialty fits into the general scheme of things . . .

A final facet of engineering education is now perhaps worthy of brief consideration. It relates to preparation for foreign service. When I was in school South America offered the prin-

cipal attraction as a potential field of activity. But it was largely an attraction based on romanticism—and it soon faded away for most of us. Anyway, there weren't many jobs available.

Today the situation is radically changed. Not only is the U.S. a great creditor nation with huge investments abroad, but it has assumed commitments for increasing the economic strength of our allies in a potential war. All this generates not only opportunities but pressing responsibilities for American engineers on every continent in the world. By the same token it places a new demand on engineering educators to prepare their students for these foreign responsibilities.

The broadened cultural background about which I spoke earlier is perhaps the greatest necessity. Languages, geography, government, even philosophy and psychology, take on new meaning as a part of engineering education when the whole world is the stage.

#### *Foreign Competition*

It has been my good fortune during the past eight years to have traveled quite extensively abroad, and to have become well acquainted with a good many foreign engineers, particularly British, French, Belgian and Dutch. Not always, but frequently these men have the broad background and view points that seem so necessary and desirable. Some of this stems from the educational systems of their homelands, but a good deal of it is a natural result of environment.

Just how much foreign educational systems contribute to these attributes it is difficult to say. I do not believe it is as much as those who would have us copy Europe's methods frequently maintain. And even if one grants that these foreign systems place better em-

phasis on broad education than we have yet done, they have two glaring faults; they educate far too few men, and they put them, upon graduation, into social and technical stratification from which it is almost impossible for them to break away.

The American educational system with whatever fault it may have is far better—for us at any rate—and it seems much better attuned to the

times. As it grows by evolution—as it seems certain to do—it can provide the large numbers of well educated and carefully trained engineers that our technical age requires. In any event, no type of engineering education that I have seen has ever made me wish I had graduated anywhere else but at the University of Kansas. Today, this gratitude to K.U. is greater than ever.

*The Alumni Magazine*

## Waldo Bowman, Zeta, Honored

Because of his skill in the science of engineering, his gift as a reporter and editor, and his capacity in human relations, Waldo Gleason Bowman, graduate with the engineering class of 1923,

Record", one of the nation's foremost engineering magazines. Annually he has written reviews on civil engineering for encyclopedia publications and during World War II he and his staff



Waldo Gleason Bowman

is cited for distinguished service by the Alumni Association of the University of Kansas. As an undergraduate this Douglas county young man earned highest honors both as a student and as an athlete. After further training at Harvard, he moved steadily forward in the engineering profession in positions of ever widening responsibilities in such fields as railroading, industrial commissions, state highway department operation, and bridge building. He next turned to writing and editorial work with the McGraw-Hill Publishing Company, rising to the editorship of "The Engineering News-

tourted the world to compile a comprehensive report on war engineering, as carried into practice so spectacularly by United States forces. His reports resulted in the publication of two books of lasting value. As a consultant on engineering projects he last year represented the United States government on a tour of India and other far-off countries; and as a member of the Board of Directors of the American Society of Civil Engineers, he is a recognized national authority on construction procedures and practices,—one of K.U.'s men of destiny.

*The Alumni Magazine*

## Who's Cheating in Examinations?

Much has been said about cheating in examinations recently—but little has come out of the current ruckus to help the student and teacher who are the principals in the process. Blame for cheating is laid in many places—the student's character, his early training and environment, panic, his fear of failing, his desire to get more than he deserves, and elsewhere.

But cheating in examinations cannot be stopped by imposing curbs and penalties for getting caught.

Only three "things" enter into cheating in an examination: The student, the teacher and the examination. It is obvious what the student can do to stop cheating—but it may be less clear what teacher and examinations have to do with it.

**TEACHER'S JOB**—The teacher's job is to do the best he can with a student whenever they are together, and to help the student get some satisfaction from the gains he has made. So before we lay all of the blame on the student who gets caught, let's look at the teacher and his examination.

There is a big difference between teaching subject matter to a student and helping a student learn the same subject matter. The second is much the more difficult job because it involves (1) finding out where the student is in his field of learning, and what interests him there (this is examination of a personal kind that will

uncover something of mutual interest); (2) getting him to move on his own mind—power—not memory; (3) throwing a little light and encouragement on the mind-track he has made, however feeble it may be on an absolute scale; and (4) stimulating a mutual desire to make more mind-tracks while momentum is up.

Therefore, of many objectives of examinations in a given subject I would stress three: (1) to find out what a student knows; (2) to rank a student according to how much he knows or how well he knows it; and (3) to help a student find out what he doesn't know. The first two imply end

points rather than education, but the third embodies continued learning.

**MEMORY TESTS GOOD?**—One need not be a teacher to test memory of published "facts" and of procedures leading to "one answer."

Examinations of this type are commonly prepared by teachers and by others who would advise teachers how they should do their job. These examinations are usually "closed-book" examinations which aim to sample much of what has been discussed in the course, and it is these examinations which tempt some students to glance furtively up their sleeves or around the room.

One advantage of these examinations is that each question has one

This article by Brother F. T. Mavis, Omicron Hon., appeared in the September 13, 1931 issue of *Engineering News-Record*. Several numbers have asked us to reprint it because of its sane evaluation of a present dilemma. Brother Mavis is now Head of Civil Engineering at Carnegie Institute of Technology.

"accepted answer" (it may be right or wrong), and it is implied that a mental process can be scored mechanically—even by machine. These examinations are prepared secretly, kept in locked files, proctored alertly, scored mechanically, marked rigidly.

**A BETTER TEST**—But a teacher can prepare a better examination—one which his students from top man to flunker will discuss with interest, and accept without post-mortems to raise grades.

After some years of observing and experimenting in civil engineering and applied mechanics subjects I am persuaded that examinations in these areas can be made so that proctoring is unnecessary. Questions are few (often only one situation), but the student must be able to draw on all of his background to reach a decision, to support it with a chain of reasoning and evidence, and to test it for adequacy. He may use any books or notes in the examination.

The "open-book examination" is no novelty. By encouraging students to bring their notes, textbooks, or any other aids, to examinations we have done much to control the panic factor in examinations—a factor that may be closely correlated with cheating. Students are urged not to cram for examinations, and word soon gets around that last-minute surveys of examinations in fraternity or library files might better be forgotten in favor of a little sleep.

What about cheating in open-book examinations? It would take time and a rare kind of genius to cheat if the examination is a test of mind rather than memory, because the open-book examination begins to test where the book ends.

Naturally, teaching must be geared

to make open-book examinations worthwhile to student and teacher as they review civil engineering problems together. The teacher must not overload the student with too much subject matters. He must stress fundamentals and reasoning from them with a minimum of emphasis on factual knowledge and vocational knowhow. In a continuum of informal examinations he sets and resets the stage on which the student develops his initiative and originality. In these settings the student understands that he is being examined, and that he is examining someone else every time he talks about his field and whether with teacher, another student or a future employer.

**ACCENT ON LEARNING**—In brief, I would accent learning rather than being taught; I would accent testing myself rather than examining others. I would put it up to the student (and teacher) to learn to think and speak for himself—and to learn to work with others. From this perspective the student and teacher are on the same side of the table—both can gain much by looking at learning (teaching) and testing (examining) as necessary steps in educational teamwork. These steps can be interesting, stimulating, and exciting if both maintain that perspective.

Formal examinations may well be examinations of much the same "open-book" type—tests of reasoning, chain thinking, and reaching a decision where there are many answers—right and wrong. Here, too, the student must make a decision, choose his position and defend it.

The biggest job a teacher has is to help a student learn to think and speak for himself—individually; and to help students to work together.

As a civil engineer-teacher, I am

convinced that teachers can do much to prevent cheating among their students by reducing the temptation to cheat in examinations. I would urge being resourceful and sincere—(1) in helping each student to learn to think and speak for himself; (2) in helping students to work together in teams; (3) in removing the burden of memory during examinations by opening books and notes freely to anyone; (4) in trying to find out how the future engineer uses his mind under pressure freed from panic—and to help him use

it better.

As teachers, we have a good bit to do in developing either thinking citizens or smart quiz-kids. Whether we help to develop men who are capable of reasoning their way to decisions they will stand for, or whether we develop glib grown-ups who can repeat "the accepted answer" is in our hands. Here we must choose—because we can't do both. Let's not cheat the student by giving him an examination that tempts him to cheat.

### *James May Reports on His Scholarship Year*

James Edward May, Pi '42, has returned to the University of Virginia to resume teaching. He was in the Navy from May '43 until February '46, and then went to work for Curtis Wright (Columbus, Ohio) Structures Division until September '46, when he became an Assistant Professor of Mechanical Engineering at the University of Virginia. In June '49, Brother May went to Purdue on the Theta Tau Fraternity Graduate Scholarship, and the following year he received his M.S. in Aeronautical Engineering. He then returned to the University of Virginia where he at the present is teaching aeronautical subjects.

Dear Brothers of Theta Tau:

This report on my year in the Purdue University Graduate School is very late in its appearance, not because of my lack of appreciation, but simply due to my not realizing that I would have this opportunity to thank each of you in this manner.

First I should explain that, like so many others, I was in dire need of funds to finance a year away from my established home, with my wife and

daughter as company. Of course there was the G.I. Bill, but all you veterans know that the amount received needs to be supplemented if one cares to eat very often. I managed to find another source of small income, but still didn't have quite enough to swing the deal. Then from another Pi alumnus I heard of the Theta Tau Scholarship of \$100.00 which is offered each year to a deserving brother of Theta Tau who wishes to attend a graduate school of his own choosing. The fact that I am now (and was then) a faculty member in a state university does not by any means indicate that I was a brilliant undergraduate student. As a matter of fact, only my extreme desperation caused me to apply for a scholarship. However, much to my surprise and elation, I was notified very shortly that upon registration at Purdue University (my stated choice) I would receive the first installment of \$250.00 and upon registration for the second semester, the final installment of \$250.00. And yea, it all came to pass. The information given above concerning my mental abilities is a part of this report to you simply in order that you

all may know that the Scholarship Committee is evidently weighing need as well as grades in their choice of the award recipient. You fellows have furnished the money for these awards, and should take advantage of what they offer. To the best of my knowledge there was one applicant for the year 1948-49, and he was ineligible only because he did not plan to attend a graduate school for the complete year.

For the three years prior to my leave of absence I had taught Aeronautical Engineering subjects at the University of Virginia, and had been in contact with members of Theta Tau constantly. In fact, several younger Theta Tau members returned from the service when I did and became my first students. However, I must confess that until I traveled to West Lafayette, my relation with Theta Tau had been more that of an outsider, than an active participant. There I was warmly welcomed to Phi Chapter, given a room in the Chapter house, and really made a part of the group.

It was necessary that I do a little apartment hunting before my family could join me, and thus for the summer of 1949 I was a temporary Phi Chapter man. Since returning, I have seen a copy of *The Link* which has an architect's drawing of the proposed new Phi Chapter house, but I will always retain fond memories of the old one and its occupants. Apart from helping Phi's present regent, Bob Mahaffey with his calculus, Andy Lesko with his problems of the heart, and "Moose" Natali with his grammar, and liberating bats which seemed to somehow be trapped in my desk drawer, it was a quiet and very profitable summer. It was during this period that I "got rid" of the mathematics courses required for the degree of Master of

Science in Aeronautical Engineering. Near the end of that summer I found quarters nearby in West Lafayette, and at the beginning of the fall semester, brought my family up.

My purpose in attending Graduate School was to supplement my meager knowledge of aerodynamics in particular, and of Aeronautical Engineering in general. Since I had been called on to present this knowledge every day at the University, it soon became obvious that I needed a great deal of supplement. It seemed absolutely necessary to me that I take every course I could possibly cram into one year, and it was for this reason that I chose the degree not requiring a thesis. To convince you that I was serious in this resolve, during the year I registered for all of the required 33 credit hours, attended classes for 11 more non-credit hours, and for experience assisted one of the faculty in the School of Aeronautics in the preparation of a laboratory manual on Aerodynamic design. As you may well imagine, this did not leave time for engaging in many of the social whirls for which midwestern universities seem to be famous, (and rightly so). I do not wish to bore you with a summary of the courses taken, but would like for you all to know that the year away has enabled me to feel much more "at home" when teaching than before, and has bittered (in my opinion) every course that I now teach. This is what your help has enabled me to do for myself, my students, and my school.

The members of Phi were surprised to know of the existence of the scholarship I held, and prior to my departure several expressed an interest in applying for it the following year. I would like to take this opportunity to request all chapters to publicize the



award so that others who are in need of help but ignorant of its existence may enjoy the experiences I have had.

I would also like to thank again the officers and committee members who made the award possible for me, and

who gave me the opportunity to get "the feel" of a really great national fraternity.

Yours in H & T

James E. May 15 '43

## "Slats" Cole in South Africa

"Smelters and refineries are his life," says Mrs. Cole. Now Lawrence E. "Bob" Cole, Zeta '16, remembered by thousands of Jayhawker basketball rooters as "Slats" Cole is in South Africa, coordinating metallurgical



Lawrence Cole

practices for the American Metal Co. Since the first of the year he has been in the New York office of his company as a consultant. He had been 27 years with the U.S. Metals Co., a sub-

sidary of the American Metal Co., twelve years of which he served as a plant manager. Since joining the N.Y. office, Bob has visited practically every copper plant in the U.S. and Canada and many in Mexico. He also spent 13 weeks in the advance management program in the Harvard School of Business. Through all these busy years, he has managed to carry on his share of civic activities, including membership of the board of governors of the Rahway, N. J., hospital. Iolene Cox Cole, '22, is with him in Africa. They will return this fall. Their daughter, Nancy, fs '31, has been married since leaving KU, and both she and her husband were graduated from Bradley University this spring. The Coles' home is 666 Pierpont St., Rahway, N. J.

*The Alumni Magazine*

## Paul Reeves Timken Official

Paul J. Reeves, Nu '27, has been Director of Sales for the Timken Roller Bearing Co., Canton, Ohio. He went with Timken in 1929, served as sales engineer in the company's Chicago office, was industrial district manager in the San Francisco branch office and sales promotion manager in the Canton home office. When this country

entered the war, he was put in charge of government priorities to handle contacts between the company and Washington. Reeves was appointed Advertising Manager in 1943 and in 1949 was named "Industrial Advertising Man of the Year" by Industrial Marketing.

*Carnegie Alumnus*

## The Grand Regent Says

Near the middle of the year, some reminding or advice to the chapters seems appropriate.

For the officers, certain matters of business need careful handling. Most important of them, payment of semi-annual dues, initiation fees, and official jewelry orders (of which the badge is the largest part) are to be made to Brothers Erich Schrader, Grand Scribe and Executive Secretary-Treasurer. Two forms are used for these, the Chapter Initiation Financial Report (Form C) and the Official Jewelry Order Form for Theta Tau. In both cases two copies of the form must be sent to the Grand Treasurer and one is to be kept for the chapter's files. Payments, accompanied by the forms, must be made promptly, and all data must be complete and consistent. In particular, the scribe and treasurer must see that each member's initiation number, as assigned on the badge order form, agrees with that on the roll book page and on the pledge form.

Second in importance, pledge forms must be executed by the scribe and sent to the Grand Marshal immediately after initiation. These are used for making the initiates' cards for the permanent card index maintained in the Gear office, and for the lists for preparation of shingles. A third duty is distribution of shingles to the members, getting correct addresses for mailing to such as have left school before shingles have come from the Grand Marshal.

Every spring the chapter scribe is required to make a detailed annual report, in prescribed form, to the Grand Scribe, and it should be done promptly and fully to expedite his work.

Chapters should realize their obligations to their alumni. They need to keep the alumni informed on the chapters' affairs, and two ways are available: information by way of Chapter Letters and Alumni News in the Gear.



D. D. Carris

and alumni letters, such as the Garnet of Alpha, the Rhombobedron of Beta, the Link of Phi, and others. A criticism of some of these chapter letters to alumni is that they give too few matters interesting to alumni.

Every chapter should work constantly at keeping alumni addresses up to date. A source of information for this, generally overlooked by actives, is the College Alumni Office and magazine.

Professional meetings deserve the chapters' best efforts. One of the prime purposes of Theta Tau is the fostering of professional attitude among its members. Frequently, at least half a dozen times a year, professional programs should be given for the members, either experiences of alumni

or actives, or technical talks by engineers having long experience, high qualifications, or contact with projects of special significance. Managers of local power company offices, telephone company officials, county or state engineers, faculty members,—any may be able to furnish worthwhile professional talks. Often active members are able to contribute.

Social meetings are necessary for the chapters, too. House chapters can do a good deal in this regard, often informally and with small expense. Some of our chapters sponsor large parties jointly with other groups. One chapter has picnics at the country place of one of its faculty members; another has an old Western days party at the house every spring; still another stages an annual canoeing picnic.

All our chapters should fall in line with the trend of fraternities toward having pledge week duties contribute in some way to charitable, civic, or fraternal projects rather than to furnish doubtful amusement by the out-moded practices of "hell week." Current fraternity periodicals are full of examples of real contributions pledges have made by charitable work, clean-up of campuses, crusades for safety and such. These endeavors create a good will attitude in the public, both college and general, a valuable by-product indeed.

A chapter should have continuity in

its offices. Election just before the end of the school year gives the set of officers no time to become familiar with their duties before the out-going senior officers have left, and causes confusion in the starting of the group's business at the beginning of the next year. A much better policy is that of election of officers fairly early in the spring semester and careful coaching of the new officers by the out-going ones. Some of our most successful chapters have had the custom of passing down a book of instruction on office duties and practices to assure that new men get into the swing of effective conduct of the business smoothly and promptly.

One chance too little used for betterment of fraternal attitude and practices is visiting between chapters. The biennial convention and the biennial regional conferences do a great deal, but less formal get-togethers by neighbor chapters give a greater number of men the opportunity to become acquainted with the Fraternity. All initiations should be shared with other chapters and alumni associations anywhere within reach.

There's a good deal to the successful running of a chapter of Theta Tau. The rewards are correspondingly commensurate, however. I wish all of you full measure of success.

Donald D. Curtis  
Grand Regent

## *Welding Specialist*

Through the courtesy of Earl W. Obringer's, Nu '44, best booster—Mrs. Betty M. Obringer—we learn that he has been promoted to be Weld Design Consultant and Supervisor of Technical Training for the Lincoln Electric

Co. of Cleveland, Ohio.

After a career in the Air Force, Earl did some teaching at Carnegie and joined the Lincoln Electric Co. in June, 1947.

*Carnegie Alumnus*

## *H. B. Smith Heads Research Lab*

Dr. Henry B. Smith, Jr., Rho '38, has been appointed director of General Foods, engineering research laboratory at Hoboken, N. J.

Since 1948, Dr. Smith has been professor of chemical engineering at Bucknell University, Lewisburg, Pa., and manager of the Pilot Engineering Company, a consulting firm, also at Lewisburg. From 1946 to 1948, he was supervisor of chemical research engineering for the Air Reduction Sales Company and acting supervisor of carbide research for the National Carbide Company. He was also a chemical engineering consultant with the Atomic

Energy Commission during the same period.

Dr. Smith is a graduate of North Carolina State College. He received his M.S. degree from Virginia Polytechnic Institute in 1939 and a Ph.D. degree in chemical engineering from the University of Cincinnati in 1942. He is a member of the American Chemical Society, American Institute of Chemical Engineers, Electro-chemical Society, and American Society for Engineering Education.

At Bucknell, Dr. Smith served as president of the university's Technical Conference in 1949-50.

## *Zeta Alumni Honored*

Geologists all. Honors went this year to Dean A. McGee and William W. Clawson, Zeta Alumni, when the Erasmus Haworth Awards for Distinguished Service in Geology were voted. A large gathering of K.U.

As a good citizen, a successful industrialist, and a geological scientist of attainment, Dean Anderson McGee, graduate in engineering with the class of 1926, is cited for distinguished service by the Alumni Association of



Notre Isenberger, W. W. Clawson, Mrs. McGee, R. M. Dreyer, Dean McGee

geologists met April 25 at the Jefferson Hotel in St. Louis in connection with the American Association of Petroleum Geologists. There Prof. R. M. Dreyer, head of the Department, extended the awards to Clawson and McGee.

the University of Kansas. As executive vice-president of the Kerr-McGee Oil Industries and associated companies in Oklahoma City, he directs far-flung and fast-growing operation in such diversified fields as oil production and refining, radio broadcasting, and air

transportation. Yet somehow he finds time to lead the community chest of his home city, to serve as trustee and elder in his church, to head the municipal symphony association, and to preside over the destinies of the Men's Dinner Club, a society of historic import founded and forwarded by another Jayhawker, the late Dr. Angelo Scott; he serves also on bank boards, on the boards of regional and univer-

sity research institutes, and of national professional societies. The Department of Geology of the University of Kansas has just conferred on him the highest accolade for its graduates, the Erasmus Haworth Award for outstanding service as a geologist; the Alumni Association is now honored to recognize him as a man of leadership in business and industry.

*The Alumni Magazine*

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## George H. Ripley Manager at Sunflower

George H. Ripley, Gamma '36, was appointed early this year by Hercules Powder Company as manager of the Sunflower Ordnance Works in Lawrence, Kansas. The company operated this plant during World War II when their production record and efficient operation drew commendation from Secretary of War Robert Patterson and numerous military leaders. Last fall when the Ordnance Corps of the U.S. army started a rehabilitation program and announced a  $3\frac{1}{2}$ -million-dollar contract to get the plant ready for operation, they awarded it to the Hercules company. The contract calls for limited production of smokeless powder.

Brother Ripley has been associated with the company since his graduation from MINES, first at their explosives plant at Hercules, California, where he served, successively, as acid shift supervisor, assistant resident engineer, and as ammonia supervisor. He was transferred to the Missouri Ordnance Works (Anhydrous ammonia plant) in 1942, as superintendent of operations. Two years later he was advanced to assistant plant manager in charge of production and then to manager.

Except for several months of 1946

spent at the Hercules-operated Badger Ordnance Works in Wisconsin, Brother Ripley remained at Missouri Ordnance Works until 1947 when he transferred to the Explosives Department offices in Wilmington as technical assistant. A month later, he moved to the company's cellulose products plant at Parlin, New Jersey, as project engineer. Nine months later he became plant manager of the San Jacinto Ordnance Works in Texas, which Hercules had contracted to operate for the government. At the completion of this contract, a year and a half later, Brother Ripley returned to the Explosives Department offices in Wilmington.

During World War II, the plant produced rifle, rocket and cannon powder, and employed more than 12,000 persons at peak operation in the 4,700 buildings. Hercules operated the plant during that period.

Construction of the plant began in May, 1942; the first explosives were shipped out early in 1943. The plant was placed on a stand-by basis in 1946, although Hercules manufactured ammonium nitrate for fertilizer there until April, 1948.

*The Mines Magazine*

## *F. C. Roberts to Join Point-Four Mission at Beirut, Lebanon*

Frederick C. Roberts Jr., a public health service engineer at Dallas, Texas, has left the United States for Beirut, Lebanon, to join a Point Four reclamation mission. The assignment was announced by Federal Security Administrator Oscar R. Ewing.

The mission is making a three-month's study of the possibility of developing the water resources of the Litani river. It was requested by the Lebanon government under the U.S. program for helping underdeveloped areas of the world. The program is called Point Four because of its position in President Truman's 1949 inauguration address.

Roberts, 44, is a native of Tucson. With the public health service since 1942, he served with the Pan American Sanitary Bureau in Brazil.

A graduate of the University of Arizona in 1928, when he received a degree in civil engineering, Roberts

also attended Massachusetts Institute of Technology, graduating in 1932 with a Bachelor's degree in sanitary engineering.

He was also educated at Tucson high and local elementary schools.

Following his graduation from M.I.T. Roberts went to work with the Arizona state sanitary department, which he headed until his appointment with the public health service.

While at the University of Arizona, Roberts was noted for his swimming and polo playing abilities. With the nom de plume of "Horned Toads" he and his swimming teammates defeated a University of California team.

Roberts' parents live at 925 North Tyndall Avenue. His mother is also a native Tucsonan. His grandfather came to this city in 1865. Roberts is married and has three children.

*Arizona Daily Star, April 15, 1951*

## *Technicians Maintain Oil Industry*

by DEAN A. MCGEE

I was graduated from the Engineering School and immediately went to work in the oil business in the geological and exploration field. As late as 1926 the industry was largely managed and operated by people who had learned it in the "school of experience". In the intervening twenty-five years I have seen the oil business become more and more technical in every phase until today it can truthfully be said that it is run by the technologists. Management of oil companies, large and small, is in the hands of technical

men. The industry is composed of groups of specialists.

Because of this development, the industry is greater today than at any time in its 90 year history. It has been able to meet all demands made upon it both in war and peace.

The universities and colleges of this country have supplied the trained manpower which has made possible this tremendous growth.

The future of the oil industry is inevitably woven into the future of our universities and colleges and their educational programs. It is true that oil

and gas are exhaustible natural resources and the public and our government are concerned from time to time, as they should be, about their depletion. However, in my opinion there should be little cause to worry so long as we maintain the same large, college-trained reservoir of American youth who, as in the past, will be accessible to the industry's call.

*The Alumni Magazine*

## *Nevada Miner Goes to Brazil on Bureau Job*

William Robert Marshall, who recently resigned his position with the Austin Jumbo Mines, Inc., in Winnemucca to join the bureau of mines, has been sent to Brazil on a cooperative point four mission in connection with important mining and metallurgical problems, Secretary of the Interior Oscar L. Chapman announced.

He will serve as consultant on matters concerning Brazil's mineral resources and will cooperate with the national department of mineral production of Brazil on beneficiation and treatment of mineral materials that may be produced there, Secretary Chapman said.

Brother Marshall and his wife left New York City August 23, on the SS Brazil bound for Rio de Janeiro.

Minerals development is one of the fields being studied by the joint commission for economic development in Brazil, the secretary's announcement continued. Composed of a Brazilian and United States commissioner, the commission was established under the president's point four program at the request of Brazil to assist in planning and carrying out an extensive program of economic redevelopment.

The possibility of increasing important strategic mineral resources in Brazil for the benefit of that country and the free world are very great, Secretary Chapman said. New reserves of vitally needed iron and manganese continue to be uncovered there through cooperative efforts of Brazil and the United States. Increased production of tungsten, nickel and cobalt, columbian and tantalum, beryl, mica, quartz-crystals and industrial diamonds is of strategic importance, he said.

Brother Marshall holds bachelor of science and master's degrees from the University of Utah. He has had experience in mining in the United States and in most South American countries.

## *T. G. Gerow President of Coal Corporation*

T. G. Gerow, Alpha '18, recently became president of the West Virginia Coal and Coke Corporation. He moved



Theron G. Gerow

from Chicago to Cincinnati to accept the new post. His office is at 805 Atlas Building, Cincinnati 2, Ohio.

## *LeMay, "Man of Year", Cited*

In August 1943, Lt. Gen. Curtis E. LeMay, Sigma '32, leaped into national prominence when he led the famous shuttle mission of Flying Fortresses from England to Africa, the first such mission made. (Target: Regensburg, Germany.) Unlike many other war heroes, he has remained in the spotlight, providing front-page copy for the American press at frequent intervals. In late August 1951, he did it again.

The stocky, colorful commanding general of the Strategic Air Command was singled out by the Air Force Association for its 1951 H. H. Arnold award as "Aviation's Man of the Year." He was cited for "distinguished service toward the peace and security of the United States through the application of airpower."

Actual presentation of the coveted award followed a mighty airpower

pageant staged in Hollywood Bowl before 20,000 AFA convention delegates—Air Force veterans and active personnel.

The Buckeye airman refused to take personal credit for the honor; the citation was addressed jointly to LeMay and the men of his command. Following the ceremony, the General promptly dispatched a message to the personnel of SAC: "I accepted the trophy on behalf of the Strategic Air Command. You earned it the hard way. It may seem unusual that SAC should receive a trophy for its contribution to peace and security. Air Force Association members appreciate our aims are not war but peace."

Previous winners of the top airman award included W. Stuart Symington, the Air Force's first secretary; and Maj. Gen. William H. Tunner, of Berlin airlift fame.

## *Gilruth, Alpha '35, Receives Award*

One of aviation's highest honors, the Sylvanus Albert Reed Award for 1950 has been presented to Robert R. Gilruth '35 AeroE, '36MS, chief of the Pilotless Aircraft Research Division of Langley Aeronautical Laboratory, National Advisory Committee for Aeronautics. He formerly lived in Duluth.

The citation was given to Gilruth for his research on pilotless aircraft at Langley Air Force Base, Va. Gilruth and his crew turned out rocket powered models for aerodynamic research at very high speeds. Data collected on flights of these research models has proven valuable in designing highspeed airplanes and missiles.

*Minnesota Alumni*



R. R. Gilruth



### *George Binder Promoted*

George P. Binder '20, has been appointed chief engineer of the East Ohio Gas Co., Cleveland. He was formerly superintendent of the Cleveland operating division.

After graduation, Binder joined the East Ohio Gas Co. as an engineer in the Cleveland operating division. In 1922, he became head of the engineering department of the Youngstown division. Two years later he returned to Cleveland to be an electrolysis engineer with the firm. In 1928, Binder was placed in charge of the engineering department of the Akron division. A year later he was appointed superintendent of the Cleveland operating division. In addition to this position, he was also purchasing agent in 1933-34.

*Case Alumnus*



Geo. Binder

### *C. C. Haug in Charge of Folsom Dam Project*

Clarence C. Haug, an Omicron alumnus, vintage 1932, appeared in the accompanying picture in the Sep-



Col. C. C. Haug, Wm. Denny

tember 27 issue of *Engineering News Record*. Since leaving the *Engineering College of the State University of*

Iowa where he was also a member of Theta Xi and Tau Beta Pi, Brother Haug has worked up to the rank of Colonel in the U.S. Engineer Corps and is now District Engineer of the Sacramento, California District. The picture was taken as Col. Haug congratulated William Denny of New York, Vice President of Merritt-Chapman & Scott Corp. who, jointly with the Savin Construction Corp. of East Hartford, Conn., submitted the low bid—\$29,440,000—for the construction of the Corps of Engineer's Folsom Dam on the American River in California. Seven firms submitted bids at this letting. Folsom Dam will be 340 feet high and more than two miles long. Over 1,000,000 cubic yards of concrete and nearly 10,000,000 cubic yards of excavation are required on this large project.

## *Earl Bastian Writes Lubrication Guide*



Earl L. Bastian

Earl L. H. Bastian '31, staff engineer in the products application department, Shell Oil Co., 50 W. 10th St., New York City, is the author of "Metalworking Lubricants," a book just published by the McGraw-Hill Book Co. The new book furnishes a practical but adequately technical introduction to the nature and formulations of metalworking lubricants, the properties influencing their selection for specific operating requirements, their proper application in the plant and means of lubricants in service. Bastian has become a recognized authority on lubricants, fluids and coolants used in all phases of metalworking and processing. He is the author of numerous technical articles in his field.

*Case Alumnus*

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## *A. V. Wiebel Corporation President*

The election of Arthur V. Wiebel, Nu '28, to the presidency of Tennessee Coal, Iron and Railroad Company was announced recently. Mr. Wiebel, who has served as vice president in charge of operations since 1947, came to the Tennessee Company from Pittsburgh, where he had been assistant to the

vice president in charge of engineering and operations, United States Steel Corporation of Delaware. He joined the Corporation as an estimator in the Engineering Department of the Carnegie-Illinois Steel Company's plant at Youngstown in 1933.

*Carnegie Alumnus*

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## *Dan House Re-elected President of "Planned Music"*

Dan House, Rho '33, has been re-elected president of Planned Music of Kentucky, Inc., with offices in Louisville. Dan is very active in civic and alumni affairs in Louisville, having recently been elected to the board of directors of the downtown Louisville

Kiwanis Club. On May 24th he was elected president of the Pastime Boat Club, an organization of approximately 200 members, with spacious quarters for all kinds of sports and facilities for docking around fifty craft.

*N. C. State College News*

## Outstanding Young Man of the Year

"Outstanding Young Man of the Year" is the title Bartlesville, Oklahoma's Junior Chamber of Commerce nodded to W. C. (Bill) Douce, Zeta '41, this year. A city commissioner, Bill retired last June from the presidency of the Bartlesville Jaycees. When Bill was in office the club won awards as first in the state and third in the

nation. With Phillips Petroleum Co. since he left school, Bill is the engineer in charge of the patent, employee suggestion, waste disposal and product loss section of the Refining department in Bartlesville. Bill's held down more civic responsibilities than you can count on both hands.

*Kansas Alumni Magazine*

### Tom L. Underwood Receives Theta Tau Scholarship

Tom L. Underwood, Sigma '51, the recipient of this year's Theta Tau Scholarship has elected to remain at Ohio State and work for an M.S. in



T. L. Underwood

Civil Engineering. Structural design, with timber, steel, and concrete is his field of major interest, the thesis to be either on the design of a two-way slab or a study of light gage sections as structural members. Brother Underwood expects to complete his work in the fall quarter of 1952.

### Alfred Bochenek News Editor of Mechanical Engineering

Alfred F. Bochenek, Iota '37, a member of the editorial staff of The American Society of Mechanical Engineers since 1945, was recently named news editor of MECHANICAL ENGINEERING, official journal of the ASME. A graduate mechanical engineer, Brother Bochenek is currently managing editor of the Journal of the American Rocket Society.

Prior to joining the staff of the ASME, Bochenek was with the Babcock and Wilcox Company, Barberton, Ohio, and New York, N.Y. As a marine service engineer during the last war, Bochenek represented his company on guarantee trials of naval and merchant ships built in many shipyards on the East Coast. He was active also in emergency repair work of war damaged vessels and in the training of personnel in the care and operation of marine boilers.

Brother Bochenek received his engineering training at the U.S. Coast Guard Academy, New London, Connecticut, and the Missouri School of Mines, Rolla, Missouri, graduating with a Bachelor of Science degree in Mechanical Engineering in 1937. He

is a member of the American Society of Mechanical Engineers and the American Rocket Society.

MSM Alumnus

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*Frank Losee, V. P.  
Arizona A. A.*

Frank Losee, Chi '34, President and General Manager of Fountain Supply Company is Vice-President of Arizona



Frank Losee

Alumni Association. Brother Losee was formerly President of Salt River Valley Association.

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*T. W. Lambe Writes  
Book*

A new book in the field of experimental soil mechanics, "Soil Testing for Engineers," has been written by T. William Lambe, '42, Assistant Professor of Soil Mechanics, at Massachusetts Institute of Technology. In his textbook, he covers the derivation of the formulas that are used, the methods of handling soil samples, the significance of the test results, typical

values for comparison, a general discussion of the various principles of the test apparatus. Dr. Lambe is a son of C. M. Lambe, '08, Assistant Professor of Civil Engineering at State College, and is married to the former Catharine Cadbury of Boston. They have one son, Philip Cadbury Lambe, 18 months old.

*North Carolina State College News*

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*Carroll Mann Appointed  
R. R. Inspector*

Gov. Keer Scott has appointed Carroll L. Mann, Jr., Rho '32, of Greensboro as inspector-engineer of the Atlantic and North Carolina Railroad Co. Mann fills the unexpired term of L. V. Morrill whose term expires August 10. The state owns the railroad but leases it to a private company to operate between Goldsboro and Morehead City. The 1951 General Assembly appropriated money to buy diesel engines but refused to grant any improvements until an engineer surveys the condition of the roadbed.

*N. C. State College News*

New York City officials decided that warning signs on parkways were too wordy. They read, "Caution—pavement narrows," "Slow — merging traffic," "Drive carefully — narrow bridge," and so forth.

All these signs were replaced by one. It reads: "Squeeze ahead."

The window of a store which went bankrupt after only a few weeks of business carried the following sign. *Opened By Mistake.*

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

## In Memoriam

*Benjamin Bennett Walling, Alpha '09*, first Grand Treasurer of Theta Tau, died unexpectedly in Minneapolis, Minn., on February 24, 1951. He was born in Monmouth, New Jersey, on May 2, 1883, and came to the University of Minnesota from Winona in 1901, graduating as an electrical engineer in 1909. During his later years as a student he was employed by the University Bookstore Inc. near the University and after graduation was offered the position of a department manager, and a short time later was made general manager. In 1911 he and some friends bought control of the company and then organized the Minnesota Co-Operative Co. of which Ben was President and General Manager, until 1914 when he sold out his interest and entered the real-estate business in Minneapolis. From 1914 until 1917 he operated as the Rehnke-Walling Real Estate Co. and in 1917 he became manager of the Real Estate Department of the Bankers Trust & Savings Bank in Minneapolis. In 1920, he joined the firm of Confor Brothers, later joined the Thorp Brothers, one of the largest firms in Minneapolis and at the time he left them to establish his own firm in 1940, he was Vice President. He was very successful in business real property, was a past president of the Minneapolis Board of Realtors, a member of the Minneapolis Club, and active in many associations. While Ben never practiced engineering, he was for many years one of the most active members of Theta Tau. He was Regent of Alpha in 1909, and when the first three chapters organized an informal national organization, he acted as treasurer. In 1911, he was unanimously chosen as the first Grand Treasurer and served as such until 1918. He was a past president of the Twin City Alumni Association, helped install Zeta chapter, and was always ready with sound advice for the Fraternity and Alpha chapter and the Conventions he attended. Surviving are his widow, Edna Lampert Walling, a daughter, Mrs. C. A. Geffink Jr., a son, Willis Lampert, and four grandchildren all of Minneapolis. He was a fine man and a loyal brother. He was one of the outstanding builders of Theta Tau in its early years and his contributions to the Constitution and other Laws and Customs of Theta Tau were a tribute to his interest in our Brotherhood.

*Howard Nelson Edemiller, Alpha '14*, died in Calumet, Michigan, on May 14, 1951. He was born in Minneapolis, Minnesota on March 7, 1890. After completing his High School education he attended the University of Wisconsin for two years and then came to the University of Minnesota where he was initiated by Alpha in January 1912. He gradu-

ated as a mining engineer at Minnesota in 1914 and then returned to Wisconsin for graduate work in geology for several years, and was on the Wisconsin geological survey under Dr. Hitchcock the State Geologist for five years, after which he became geologist for Benj. C. Neely in Crystal Falls, Wisconsin, until 1922 when he became geologist for the Cattle Mining Co. at Ramsay, Michigan. Later he was superintendent of the company until January 1934 when he joined the geological staff of the Calumet & Hecla Cons. Copper Co. at Calumet, Michigan, and was employed there until his untimely death. On November 4, 1919, he was married to Miss Marguerite Adams of Negaunee, Michigan. Surviving are his widow living at 1109 Calumet Avenue, Calumet, Michigan, and three children, Richard Adams Edemiller of Cedar Rapids, Iowa, Mrs. Margery E. Erickson, and Alan Mitchell Edemiller, of Detroit, Michigan, and four grandchildren. He was buried in Calumet, Michigan.

*Stanley Clarke, Epsilon Beta '11*, was killed in an automobile accident in Detroit when he drove through a red light and struck another automobile on August 2, 1951. He was a charter member of Epsilon Beta. After completing his High School work, he entered the University of Detroit and then transferred to Wayne University where he graduated as a civil engineer. He was born in Detroit, January 24, 1924. On June 9, 1951, he was married to Miss Kathryn Dunn. After graduation he was employed as an engineer appraiser by the Liberty Mutual Insurance Co., 226 Bagley, Detroit, Michigan. Surviving are his mother, Mrs. Elizabeth T. Clarke of Detroit, and his young widow living at 17374 Parkside, Detroit, Michigan.

*Charles Richard Woodfill, Kappa '31*, died suddenly of a heart attack on July 24, 1950. He was born in Aurora, Missouri, on June 21, 1912, the son of Mr. and Mrs. J. R. Woodfill, of 16 East Locust. At Illinois, he studied mechanical engineering and he immediately entered the employ of the Commercial Solvents Company, and until he entered the army, was district manager in Cleveland, Ohio. He served over three years in the army as a Lt. of Engns. After the war, he resumed his work with Commercial Solvents and at the time of his death was manager of Industrial Chemicals at the main office in New York City. Surviving are his wife to whom he was married in 1934, and one daughter Barbara Lee. Funeral services were held in Aurora, Missouri. The family home was at 43 Glendale Road, Glimbrook, Connecticut, but has now been sold and Mrs. Woodfill has moved to Florida.

*George Edward Silver Bayless, Beta '17, died at his home on February 16, 1931. He was born in Harford County, Maryland, on August 23, 1891, the son of Mr. and Mrs. William H. Bayless. He attended the Boy's Latin School and the Baltimore Polytechnic Institute in Baltimore. He then entered Hobart College where he was a star football player and a member of the Kappa Alpha Society. After being at Hobart, he was at the University of California a short period for some engineering courses and then joined a brother who was a lawyer in Juneau, Alaska. He decided to study mining and entered the Michigan College of Mines in 1914. Shortly after his initiation by Beta chapter his mother died and he did not return to college. In 1918, he joined the Maryland Naval Militia. He was called to active duty by the Navy in April 1917, in the submarine service. He was transferred to Cape May and there he had a severe attack of rheumatic fever that affected his heart and his whole life thereafter. On account of this he was sent to Princeton and to the University of Pennsylvania to study government insurance and finally to the Naval Academy to lecture in this field. He was discharged in 1922 and joined the National Life of Vermont and in 1924, his doctor advised him to leave the city and he bought Fairfield Farm at Ellicott City, Maryland, in September, and remained there until his death by a coronary occlusion. He was buried in the Yard of Harmony Presbyterian Church in Harford County. This land was formerly part of the Bayless home place. On April 7, 1917, he was married to Corrine Talbot Clark at Fairfield Farm by the Bishop of the Episcopal Church, in Maryland. She and three children, William H. Bayless, Corinne Talbot Bayless, and George E. S. Bayless Jr. survive and live at Fairfield Farm.*

*Clark Wesley Moore, Gamma '12, died in a Fallonia, Texas, hospital May 29, 1931. He was born in Trinidad, Colorado, on April 20, 1904. After completing his High School work there moved with his mother, Mrs. Alice E. Moore, to Golden, Colorado, where they lived at 1109 Twelfth Street, until he graduated as a petroleum engineer in 1932. After graduation, he joined the staff of the Mills Bennett Co., in Houston, Texas, with offices in the Gulf Bldg. and later he was sent to Bruni, Texas, where he made his home for 14 years. At the time of his death, he was Supt. of the Lopez Oil Field for the Mills-Bennett Production Co. Surviving are his wife, Mrs. Edith Moore, two daughters, Evelyn and Mary Jane Moore, his mother of Trinidad, Colorado, one sister and one brother.*

*Edwin Selas Wells Jr., Kappa '23, died unexpectedly at his home on September 10, 1930.*

He was born in Chicago, Illinois, on February 24, 1902, and graduated from the University of Illinois, as a mechanical engineer in 1923. He joined the engineering staff of the General Electric Co. that year and had been with them continuously to the time of his death. He remained at Lynn and Schenectady in the testing department until 1927, when he joined the staff in Chicago as a turbine specialist. Ross Parker, Zeta '17, wrote to the Grand Scribe that "his sincerity and ability had endeared him to all of his associates." Surviving are his widow and two children, the oldest being a girl now a college student. The family home was at 327 Gale Avenue, River Forest, Illinois.

*John Maurice Gaffney, Beta '10, died in York, Pennsylvania, on May 12, 1931. He was born in Negaunee, Michigan, on July 26, 1897, and graduated from the Negaunee High School after which he entered Michigan State College at Lansing. After two years he transferred to the Michigan College of Mines and Technology and was there initiated by Beta chapter. He graduated as a mechanical engineer in 1919, and received his master's degree in 1931 and served as an instructor in the mathematics department until 1930, when he joined the staff of the Read Standard Corporation in York, Pennsylvania, and at the time of his death at the age of 33 was manager of design engineering for the company. Surviving are his widow, and a son and daughter. The family home was at 424 Linden Avenue, York, Pennsylvania.*

*Freeman McMillan Wade, Pi '12, Corporal U. S. Marine Corps, was killed in action in Korea, November 26, 1930. He was with the Marines trapped at the Changjin Reservoir, in northeast Korea, and was almost instantly killed by rifle fire. He was a member of Company E, Marine Reserve Unit and left college for camp, in July 1930. Born in Charlottesville, Virginia, August 27, 1929, he was the son of Mr. and Mrs. Neal O. Wade and studied Civil Engineering at the University of Virginia. Surviving are his parents and a brother Neal O. Wade Jr., Pi '48. The family home is at 2616 Jefferson Park, Charlottesville, Virginia.*

*John Beverly Hancock Jr., Pi '18, died in Richmond, Virginia, August 31, 1930. He was born in Richmond on August 30, 1913, the son of Mr. and Mrs. J. B. Hancock and after attending Virginia Polytechnic Institute entered the University of Virginia where he graduated as a chemical engineer. He entered the employ of the E. I. DuPont de Nemours Company, in Wilmington, Delaware and before his late illness was chief chemist of the DuPont Plant in Richmond. Surviving are his widow and a*

small daughter living at 411 Maple Avenue, Richmond.

*Robert Miller Garvin, Pi '44*, 1st Lt. U.S.A., 187th Airlborne Regimental Combat Team, was killed in action near Suizerajak, South Korea, on February 3, 1951. He was born in Steubenville, Ohio, the son of Mr. and Mrs. James R. Garvin, on September 1, 1924. After attending Washington and Lee, he entered the Engineering College of the University of Virginia. He graduated to join the army. Letters from his commanding officer, Brig. Gen. F. S. Bowen Jr., and others, to his parents, stated that Bob was in command of a tank company and was standing in the open turret of a tank exposing himself so that he could direct the gunners how to place more effective fire on the enemy position they were attacking. He was shot in the shoulder by a sniper but got up again to continue directing the fire when he was instantly killed by another shot. He was buried in Korea. The various letters to his parents all indicate that he was admired and respected by all who came in contact with him, and his death was a personal loss to all the company. General Bowen wrote, "We will all be better people for having known him". Surviving are his parents living at 1324 Ridge Avenue, Steubenville, Ohio.

*Clarence Wells Jr., Phi '48*, Captain USAF, was killed in an airplane accident in Alaska, April 2, 1951. He was born in St. Joseph, Missouri, November 23, 1921, the son of Mr. and Mrs. Clarence Wells Sr. Originally a member of the class of 1943, he entered the army in 1942 and received a commission in the air-force in May 1948. He piloted a B-24 bomber in Italy during World War II. He returned to college after the war and received his degree in 1948. He then entered the employ of the Anaconda Copper Mining Company, in Anaconda, in the Research Department and re-entered the service in 1949, and was at a school in Rantoul, Illinois, before being assigned to Alaska in March, 1950. He was piloting a "jet" on his last flight and apparently a sudden snow storm caused him to lose his bearings and he crashed at full speed. Surviving are his parents living at 133 Spruce Street, Anaconda, Montana, his widow, the former Virginia Campbell of Anaconda, a daughter four years old, and another daughter Marcia Marilyn, born in Alaska, on December 22, 1950, and a number of brothers and married sisters. The funeral was held in Anaconda, Montana.

*Alfred Edward Bawitex, Eta '13*, died March 18, 1951, of a coronary occlusion. Born and raised in Duluth, Minnesota, he went to grade schools there and then entered Hill

School at Pottstown, Pennsylvania, and, after graduating there entered Cornell University, at Ithaca, New York. After a few years at Cornell, he transferred to the Massachusetts Institute of Technology where he was initiated by Eta chapter. After leaving MIT, he returned to Duluth, Minnesota, and for many years was manager of the Banner Mills in Duluth. About 20 years ago, he moved to Algonac, Michigan, and remained there until his death at the age of sixty. Surviving are his widow and two sons, Alfred Jr. and Chester, both of Algonac. Burial was in Duluth, Minnesota where he had many relatives. The family home was at 9291 North River Road, RFD Algonac.

*Quincy Monroe Crater, Phi '27*, age 48, died of a heart attack in his office on March 8, 1951. He was born in Michigan on September 18, 1902, and attended schools in Edinburg, Indiana. He then entered Purdue University where he graduated as a mechanical engineer in 1927. He represented the local Torque fraternity at the 1927 Convention of Theta Tau, at which the charter was granted to Phi chapter of Purdue. Shortly after graduation, he joined the engineering staff of the Westinghouse Electric Corporation, in Chicago, and, in 1934 was sent to the plant in East Pittsburgh. He was marine, aviation and transportation manager of the Central Division of Westinghouse and except for four years from 1944 to 1948, when he was in Detroit, was at the East Pittsburgh plant, until his untimely death. Surviving are his widow, Rabue Shumaker Crater, two sons, Quincy Monroe Crater II, and Thomas Neil Crater, and a sister, Mrs. Lee Lertz living in California. Burial was in Homewood Cemetery. He was also a member of Tau Beta Pi and of Scabard & Bada. The family home was at 294 Orchard Drive, Mt. Lebanon, Pittsburgh, Pennsylvania.

*Kenneth Hervey Mooney, Iota '43*, and his wife were instantly killed in an automobile accident near Salina, Kansas, on August 4, 1951. Kenneth graduated as a Ceramic Engineer in 1943 and joined the armed forces immediately thereafter. He was born on November 14, 1926, in St. Louis, Missouri. After discharge from the army, he entered the employ of the Shell Oil Company at the refinery in Wood River, Illinois. He was called back to service last year and was stationed at Camp Carson, Colorado, with the rank of Captain. In August, he left for the University of Notre Dame, South Bend, Indiana, where he was to be an R.O.T.C. instructor. His untimely death occurred on this fatal trip. Surviving are two little sons living with Dr. Wood, at 4111 West Rosalie Avenue, St. Louis, Missouri.

*Wolcott Pratt Stanton, Epsilon '12, age 60, died of a heart attack in Louisville, Ky., on July 21, 1951. He was one of the first group of initiates at Epsilon after the chapter was installed in 1911. He was born Sept. 11, 1890 in New York City, the son of Mr. and Mrs. Charles Stanton and his father was for many years editor and publisher of the San Francisco Examiner and part owner of the Bulletin. Wolcott graduated as a mining engineer but never practiced the profession. After graduation, he entered the employ of the City of San Francisco as a Civil Engineer and later became President of the Fresno-American Basin Company. In 1928, he was president of the Bay bridges. About fifteen years ago, he joined the Federal Land Bank as an engineer appraiser and for several years was in Fresno and Visalia, California. Then he was attached to the bank in Berkeley until 1941 when he was sent to the headquarters in Washington, D.C. and was attached to that office as Assistant Chief of the Farm Credit Administration's Engineering Section. He was an expert authority on irrigation. His work took him in a supervisory capacity to projects throughout the country. The chief of his department wrote to his sister as follows: "As my associate and good right arm in administering the engineering work of the Land Bank System throughout the country, Stanton's passing leaves a void that will never be filled completely. During his career with the government he made a host of friends throughout the nation, and established a reputation as an authority in his field. His Engineering appraisal manuals were the official text books for the department. He was the outstanding specialist in his own field in the entire country." In 1917, he married Mary Riley of Berkeley. Surviving are his widow, a daughter Mary; two sons, Peter Thomas and Jernold; a sister, Mrs. Arnold Waybur of Sacramento, a nephew and a niece. The family home was at 23 Panoramic Way, Berkeley, California.*

*John F. Boesch, Zeta '12, died suddenly on July 16, 1951, age 61 in Kansas City, Mo. He was born in Gaylord, Kansas, on Jan. 1, 1890. He graduated as a Civil Engineer from the University of Kansas in 1912, and was one of the group of first initiates after the charter members of the chapter. Then he returned to Gaylord and for some years was County Engineer of Norton and Mitchell Counties. He also served for a period as City Engineer of August, Kansas. In 1918, he was engineer for the A.T. & S.F. Ry., but left there in 1918 to become a valuation engineer for the Interstate Commerce Commission in Kansas City, and for the past 12 years he was Hydraulic Engineer for the U.S. Engineers in Kansas City, Mo. Surviving are his wife, two sons and*

*two daughters. The family home was at 4612 West 62nd Terrace, Mission, Kansas.*

*A. Harold Blake, Lambda '20, charter member of the chapter, died of a sudden heart attack on October 29, 1951. He was born in Salt Lake City on April 3, 1896, the son of John J. and Ber R. Blake and after high school entered the University of Utah where he graduated as a mechanical engineer in 1920. In 1926, he obtained an M.E. degree at Cornell University. Immediately after graduation he joined the engineering faculty at the University of Utah as an instructor and advanced in rank until 1946 when he was made full professor of mechanical engineering which position he held at the time of his death. In World War I, he served as a 2nd Lt. in the 91st Division from 1917 to 1918 and retired as a captain. In 1940, he was called back to the service with the rank of Major and was Acting Adjutant General of the third military area until 1941. From 1941 to 1942, he was G-1 of the 7th Corps. As a Lt. Col. he was commanding officer of the West Virginia Ordnance Works and retired in 1946 as a full Colonel of the Ordnance Corps, Reserve. Surviving are his widow Lucille F. Blake, 1619 Yale Avenue, Salt Lake City, three sons, Ensign Robert H. Blake, (Lambda '50) aboard the aircraft carrier "Phillipine Sea" in San Diego, California; William F. Blake, and John J. Blake of Salt Lake City. He was a fine Theta Tau always interested in the Fraternity. He was also a member of Tau Beta Pi and Pi Tau Sigma honor societies.*

*William Lewis Hughes, Beta '13, died in Cleveland, Ohio on July 27, 1951. He was born November 21, 1891, in Philadelphia, Pa. and later graduated from the University School in Cleveland, Ohio. He came to Houghton from Wissachickon, Pa. where his father was a professional engineer and had attended college in Pennsylvania where he was a member of Chi Phi. He was the son of William D. and Sarah Culp Hughes. After attending Michigan College of Mines for several years he returned to Cleveland and was with the Wellman-Seaver Morgan Company making the Hughes Mechanical Gas Producer. Surviving are his wife, Freda Goetz Hughes and several children. The family home was at 1517 Clarence Avenue, Lakewood 7, Ohio.*

*Walter Adin Marshall, Gamma '18, died in a hospital in Denver, Colorado, on April 12, 1951, as the result of injuries received in a tunnel at the Blue River Project of which he was in charge. He was born in Fort Cobb, Oklahoma, on June 8, 1910. He studied at the Colorado School of Mines and graduated as a mining engineer in 1938. During his senior year he was Treasurer of Gamma chapter and*



at the Commencement was awarded a number of graduation prizes. Immediately after graduation he moved to Victor, Colorado, to become superintendent of the Vindicator Group of the United Gold Mines Co. and remained there until 1910, when he was made superin-

stant of operations of the Blue River Tunnel Project of the Jardine Construction Co. of Alma, Colorado. Only 40 years of age, his untimely death ended a promising engineering career.

## Chapter Advisers

- ALPHA—Prof. Miles S. Kersten, C.E. Dept., University of Minnesota, Minneapolis, Minn.
- BETA—Prof. L. F. Duggan, Michigan Tech., Houghton, Mich.
- GAMMA—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. T. F. McMahon, 10A Sunnyside, Lawrence, Kan.
- THETA—Prof. Walter LaPierre, E. E. Dept., Columbia U., New York 27, N. Y.
- IOTA—Prof. J. B. Butler, C. E. Dept., Mo. School of Mines, Rolla, Mo.
- LAMBDA—Prof. G. W. Carter, 1886 Lincoln St., Salt Lake City 5, Utah.
- MU—Prof. J. M. Faircloth, C. E. Dept., Univ. of Alabama, University, Ala.
- XI—Prof. G. A. Rohlich, 9 Hydr. Lab., Univ. of Wis., Madison, Wis.
- OMICRON—Prof. Ned Ashton, C. E. Dept., University of Iowa, Iowa City, Iowa.
- PI—Prof. Henry L. Kinnier, C. E. Dept., University 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—Mr. Manual Chansovsky, M. E. Dept., Syracuse U., Syracuse, N. Y.
- USILON—Mr. J. R. Bissett, C. E. Dept., Univ. of Arkansas, Fayetteville, Ark.
- PHI—Mr. P. James Thorson, Purdue University, West Lafayette, Indiana.
- CHI—Mr. Philip B. Newlin, C. E. Dept., Univ. of Arizona, Tucson, Ariz.
- PSI—Mr. J. G. Grunenfelder, Montana School of Mines, Butte, Montana.
- OMEGA—Prof. J. Kammerman, S.D. School of Mines, Rapid City, S.D.
- GAMMA BETA—Dr. H. A. Miklofsky, School of Eng., George Washington U., Washington, D.C.
- DELTA BETA—Prof. M. G. Northrop, E. E. Dept., Univ. of Louisville, Louisville, Ky.
- EPSILON BETA—Prof. Harold G. Donnelly, Eng. Col., Wayne U., Detroit, Mich.

## Letters To the Editors

81 Lake View Avenue  
Cambridge 18, Massachusetts

To the Editors of The Gear:

Gentlemen:

While I am still active, I think that it is about time for another small contribution to The Gear, which is hereby enclosed.

Also for the past 16 years, very nearly, I have had nothing to do with engineering matters, as such, I have frequently found my professional training of value, and I certainly enjoy reading about what the Brothers have been doing. Theta Tau has certainly been a very valuable addition to our national life and I never cease to admire the foresight and ability of my old friend Erich Schrader.

Yours in H & T,  
Thos. L. Hinckley  
(Hon.) Alpha

Your comments will mean a great deal to the thousands of younger men who have become members since 1904, Brother Hinckley. Thank you for writing and for your gift.

The Gear of Theta Tau,  
Iowa City, Iowa.

Gentlemen and Brothers:

The last "GEAR" reached me in its brilliant red cover Volume XXXIX No. 2, for Spring 1910. I have thumbed through it reading various and diverse articles; makes me wish I were twenty years old again.

This is to ask you to change my address for the year and also for the address book to read as follows:

Frank H. Storms, Vice-President,  
Iron Mines Company of Venezuela,  
Apartado Postal No. 2271,  
Caracas, D.F., Venezuela.

I was particularly pleased to get this last number, since under my Chapter "Gaming" I saw the addresses of some of my old friends, whom I hope to write to before many months. They are mainly Baron Bugger, Don Dyrenforth, Harold Evans, George Gallagher, Bert Amolden, ex-roommate G. Harold Crossin, who beats my finger wrestling (it is still best), Freddie Nelson, and Ben Zwick, whom I had the luck to see down here.

With best wishes,

Fraternally yours,  
Frank H. Storms

Your letter reveals one of the principal reasons for publishing The Gear, Brother Storms. Thanks for your comments.

The Gear of Theta Tau

210 Engr. Bldg.  
Iowa City, Iowa

Dear Brothers:

Just a short note to bring you up to date on my recent activities.

I was married to Miss June Miller on April 1, 1911.

At the present time, I am working for the Haughton Elevator Company, at Cleveland Branch Office. I am a service sales engineer.

This is about all there is to report at this time.

In H & T.

Glenroy W. Barnett

Is there more significance than meets the eye in that last line, Brother Barnett?

The Gear of Theta Tau

210 Engr. Bldg.  
Iowa City, Iowa

Gentlemen:

Reference to ritual and ritualistic perfection in the Spring 1911 Gear brings to mind the column "Speaking of Ritual" in the New York Masonic Outlook in which there is much clear thinking about ritual. A perusal of back issues will no doubt bring to mind something you can use to encourage good ritual. The magazine is published by the Grand Lodge of the State of New York.

Yours in H & T.

John F. Zietlow, Jr.

Omega '31

P.S. The Library of the Grand Lodge may have a complete set.

Thanks for the tip, Brother Zietlow. Some of our readers may like to browse in this fertile field.

3811 Nixa Place

St. Louis, Missouri

The Gear of Theta Tau

210 Engineering Hall  
Iowa City, Iowa

Dear Brothers:

I recently changed positions and cities and am enclosing my new address. I am now employed by Svedrup and Parcel, Consulting Engineers, of St. Louis, Missouri, in their Structural Department. The job is a good one and with a very progressive and highly rated company.

I was pleased to find several brother Theta Tau's working in the Structural Department

of my new employer. They were from Iowa Chapter of Rolla, Missouri.

I read each edition of The Gear with interest and then wait eagerly for the next one. Keep them coming.

Yours in H & T,  
James Rayburn, Phi '49

We are on the verge of bursting into  
"Oh what a beautiful morning . . ."  
Brother Rayburn.

Westinghouse Ed Center  
Ardmore Blvd. at Britton  
Pittsburgh 21, Pennsylvania

The Gear of Theta Tau  
210 Engineering Building  
Iowa City, Iowa

Dear Brother How:

I would like to inform you of my new address. Enclosed you will find the form from The Gear with my address. I hope this letter reaches you in time for the fall edition of The Gear.

Since graduating from the South Dakota School of Mines and Technology this spring, I have been working with the Westinghouse Electric Corporation at East Pittsburgh, Pennsylvania. At the present time, I am on the resident training course and will remain on the course for several months.

Carl Tilon, Steve Baruch, Russell Griffith, and Earl McClerney are all Omega men of '41 who are working for Westinghouse at the present time. I have occasionally seen some of these brothers during the last month or so. Also, I have met three brothers here at Pittsburgh who were at the Convention last winter at Kansas City: Brothers Dick Harris, Bob Mahaffey, and Norman Carroll, who were initiated at the Convention, all are with Westinghouse.

I would like to hear from any of the Brothers or Alumni from Omega Chapter who might have the time to drop me a line to the above address.

Next Monday will be Founder's Day and since there is no active Alumni Club in this area, I have written a letter back to my chapter in observance of Founder's Day. There seem to be enough Alumni in this area so that an active Alumni Club could be started in Pittsburgh if someone would get the ball to rolling.

Yours in H & T,  
Arnold A. Ulmer  
Omega '41

You are a compliment to Omega Chapter, Brother Ulmer. Your idea of an alumni association sounds like a very feasible one.

The Gear of Theta Tau  
210 Eng. Bldg.  
Iowa City, Iowa

Dear Brothers and Editors Mercer and How: In a few days, I will finish my work on my Master's in Public Health Engineering out here at Berkeley. Then I go back to Kansas as District Engineer for the Kansas State Board of Health and can be reached at Box 377, Chanute, Kansas. Please record the change of address.

I have been kept busy out here but did take time to sit in on a meeting with the folks of Epsilon and want to say that they treated me very nicely. Keep the GEAR coming, its good.

In H & T,  
Hermin A. Janzen,  
Zeta '49

Epsilon members may take a bow!  
Thanks for keeping us abreast, Brother Janzen. Better get a set of water wings for use in those Kansas floods.

509 Columbine St.  
Golden, Colorado

The Gear of Theta Tau  
210 Engineering Bldg.  
Iowa City, Iowa

Dear Sir:

I received the Spring 1930 edition of The Gear at the above address but the Fall 1930 and Spring 1931 did not arrive, so, I had better check up and see if my address got placed in the round file somehow.

Another brother would like to get back in the fold—

J. Russell Chambers Gamma '49  
2347 Garrison  
Lakewood, Colorado

In H & T,  
Clifton W. Mehring  
Delta '50

Welcome to the fold Brother Meh-  
ring. Don't know how you got out.

24 Sunset Road  
Hilton Village, Va.

The Editor  
The Gear of Theta Tau  
210 Engineering Bldg.  
Iowa City, Iowa

Dear Sir:

I have recently moved from my old address of 1061 Families Drive, Greensboro, N.C., to the above address and will appreciate your changing your records accordingly as I am quite anxious to continue receiving The Gear. I am an alumnus of North Carolina State College, Class of '41, where I was a member of Rho chapter of Theta Tau.

In Greensboro I was employed as Air Conditioning Engineer by Burlington Mills Corp-

oration. My move to Virginia is as a result of my having been recalled to active duty as a Captain in the Army Transportation Corps.

In the event that I am included in the alumni notes in your next issue, you might state that I have two children, Edwin, age four, and Betty, age one.

The arrival of *The Gear* is always a high spot, and I always enjoy the many fine articles and especially the feature on the important figures in the public eye who are Theta Tau. Keep up the good work!

Sincerely,

E. H. Glenn Farthing  
P.S. My Army assignment is Tactics Instructor at the Army Transportation School, Fort Eustis, Virginia.

It is a pleasure to serve readers like you, Brother Farthing. However, we do not get concurred when we read letters like yours for we also get sharply critical letters such as the next one.

Mr. J. W. Howe  
210 Engineering Hall  
Iowa City, Iowa  
Dear Brother Howe:

I have been reading through the Spring issue, 1911 of *The Gear* and I am struck by the number of misspellings. Have you had some change in clerical staff and are having to break in a new proof-reader?

For example, even on such a special thing as the official notice on page 30, the final "n" has been left off the name of the Sigma member being dropped from the fraternity. Again in the Alumni notes, page 87, the initial "S"

has been left off the name of Lewis Skillman, '37. On page 66, the final letter on the name of Frank A. Zorko, '49 should be an "o". Another one which struck me was locating Brother Peterson with Curtis-Wright at "Calf-wall", New Jersey which appears on page 23. And that J. R. Van Pelt recently moved from "Columbia", Ohio; on page 23.

I don't know whether little things like these bother other readers of *The Gear* as much as they do me, I sincerely hope not. I have taken the liberty to call these to your attention in the hope that the situation may soon be improved.

Yours in H & T,  
Edgar C. Clark  
Professor of Mechanics

We assure you that these errors bother us too, Brother Clark. Wish we had your sharp eyes.

412½ Glenmar  
Monroe, La.

Dear Brother Howe

I am writing to repair the birth of a red-headed daughter July 14, 1911.

I eagerly await every issue of *The Gear*, hoping that I can find some more Theta Tau in this locality. They are scarce around here. Please continue the splendid work.

In H & T  
Ray Hedgecock  
Upsilon, '48

Hope some Louisiana Theta Tau's see your letter and contact you, Brother Hedgecock.

## Letter to the Grand Scribe

Zurich  
August 11, 1911

My dear Etich:

I hope you can read my writing on this thin paper. One has to use it as postage is so darn expensive. Air mail is 80 centimes for 7 grams.

We reached Zurich, July 13th after a nice steamer ride to Naples and five hectic days in Capri, Rome, Florence, Pisa, and Milan. It is quite a change from home. Only Thursday did we move into an apartment as quarters are scarce. And prices, generally, are high.

My situation at the Swiss Federal Institute of Technology looks very interesting and "snuggly". Right now I am studying German furiously as I must attend German speaking classes in October. Everyone has been wonderful to us.

It seems that I have been away for ages and we left New York June 10th! I've heard

nothing from Theta Tau except a letter from Paul which was forwarded by GWU and reached me yesterday. I do hope everything is fine with you all and that you will have a grand year. I feel like a slacker so far away and I do miss it. A Theta Tau would look 4— good now.

The Swiss are really grand people and smart engineers. I hope to benefit greatly from the time with them. I must go out and visit a number of the leading engineers as part of my work.

Please pass the word around to the Executive Council and others as to my whereabouts. I'll get around to them as soon as I can.

With all good wishes to all.

In H & T,  
Norman Ames  
Bergstrasse 121  
(We'd call it 121 Berg St.)

# Additions to Membership

## ALPHA

- 187 Willard Frederick Frantz, Jr., St. Paul, Minn.  
 198 Edward John Zugschwert, St. Paul, Minn.  
 199 William Atkins Cammons, Clara City, Minn.  
 400 Cecil Hubert Suter, Clara City, Minn.  
 401 William Baldwin Hamon, Spring Valley, Minn.

## BETA

- 489 Leon Paul Anglich, Oconomowoc, Wis.  
 490 Eugene Hastings Sheldon, Muskegon, Mich.  
 491 Harold Sherwood Jensen, Detroit, Mich.  
 492 Donald Richard Vrederseld, Canton, Ohio  
 493 Donald Francis McMaster, Rockland, Mich.  
 494 William Warren Allard, Sault Ste. Marie, Ontario  
 495 Ford Bond Lusher, Jr., Ossining, N. Y.  
 496 Ronald Lee Mathwich, Wausau, Wis.  
 497 Joseph Condon Treu, Jr., Detroit, Mich.  
 498 Raymond Lauri Pato, Sudbury, Ontario  
 499 James Burns Bay, Ontonagon, Mich.  
 700 Ronald Raymond Hocking, Ishpeming, Mich.  
 701 James Gordon Wark, Detroit, Mich.  
 702 Charles Edward Gumbert, Jackson, Mich.  
 703 Karl Richard Meyer, Jamaica, N. Y.

## GAMMA

- 744 Albert John Cornish, Golden, Colo.  
 745 Wallace Stewart Arnold, Canon City, Colo.  
 746 James Franklin Huff, Oklahoma City, Okla.  
 747 John William Miley, Arvada, Colo.  
 748 John Bowman Serration, Colorado Springs, Colo.  
 749 Adam Neale Thomas, Montrose, Colo.  
 750 Howard Elton Wiswell, Jr., Bradford, Mass.  
 751 Charles Phillip Young, Glenview, Ill.  
 752 James Stanley Ault, Golden, Colo.  
 753 Richard Burdette Banks, Golden, Colo.  
 754 David Rodney Cole, White Plains, N. Y.  
 755 Kenneth Andrew Dunn, Delta, Colo.  
 756 Paul David Hinrichs, San Francisco, Calif.  
 757 Thomas Edwin Johnson, Butte, Mont.  
 758 Charles Nathan McCollough, Yucaipa, Calif.  
 759 Stuart Spalding Merwin, Wallingford, Conn.

## DELTA

- 770 William Austin Beck, Lakewood, Ohio  
 771 Ralph Carter Brainard, Strongsville, Ohio

- 772 Dwight Owen Churchill, Cleveland Heights, Ohio  
 773 Len Leonard Cifelli, Conneaut, Ohio  
 774 James Thompson Dunn, Cleveland, Ohio  
 775 Robert Howard Foxall, Cleveland, Ohio  
 776 Low Eastman Gallaher, Falconer, N. Y.  
 777 Robert Dale Halverstadt, Cleveland, Ohio  
 778 John Thomas Jackson, Louisville, Ohio  
 779 Robert William Kusacke, Cleveland, Ohio  
 780 Carl A. Lindblom, Jr., Auburn, Ind.  
 781 Robert Martin Linn, Bay Village, Ohio  
 782 Richard John Matt, Kent, Ohio  
 783 Jack Garner McArdle, Lakewood, Ohio  
 784 Robert William Nowack, Rochester, N. Y.  
 785 John Stephen Petro, Cleveland, Ohio  
 786 Norman Edward Prochaska, Cleveland, Ohio  
 787 Norman Elmer Festiva, Cleveland, Ohio  
 788 Donald Leroy Shiner, Olmsted Falls, Ohio  
 789 Edward Anthony Suizergwald, Cleveland, Ohio  
 790 Robert Happer Sweeney, Youngstown, Ohio  
 791 Eugene Bonislaw Ulanowicz, Midland, Mich.  
 792 Joseph Clarence Wellington, Jr., Euclid, Ohio  
 793 Howard Lee White, Cleveland Hgts., Ohio  
 794 Gerald James Winchell, Cleveland, Ohio  
 795 Donald Arthur Zalomeni, Ashtrabula, Ohio  
 796 Arthur Kenneth Boydell, Lyndhurst, Ohio  
 797 William Roland Dawson, Cleveland Hgts., Ohio  
 798 Ralph Raymond Herrin, Ashtrabula, Ohio  
 799 Robert Edward Heaton, Indiana, Pa.  
 800 John Francis Hon, Mantua, Ohio  
 801 Thomas Gordon Kennedy, Cleveland Hgts., Ohio  
 802 Charles Ellis Lindahl, Shaker Heights, Ohio  
 803 Joseph Carlisle Madsen, Barnevillle, Ohio  
 804 Richard Kellogg Patton, Ashland, Ohio  
 805 Richard Dean Ruback, Lakewood, Ohio  
 806 Howard James Tholling, Cleveland, Ohio  
 807 Leonard William Ziska, Cleveland, Ohio

## ZETA

- 144 William Grant Richey, Kansas City, Kan.  
 145 Bill Earl Rae, Kansas City, Kan.  
 146 Lawrence Alan Heinrich, Kansas City, Mo.  
 147 James Robert Hall, Kansas City, Kan.  
 148 Thurmal Francis McMahon, Lawrence, Kan.  
 149 Robert Lee Smith, Lawrence, Kan.

## THETA

- 103 Richard Gregory Delagi, New York, N. Y.  
 104 Frank Edward Evers, Brooklyn, N. Y.  
 105 Richard William Fatten, Jamaica, N. Y.  
 106 Robert Condit Jagel, Hollis, N. Y.  
 107 Robert Allan Lewis, Forest Hills, N. Y.  
 108 Frederick Luciano Maccardi, New York, N. Y.  
 109 Walter Edward O'Leary, New York, N. Y.  
 110 Robert Alfred Signorelli, Tarrington, Conn.  
 111 Remo Stella, Long Island City, N. Y.

## IOTA

- 443 Ronald Albert Hoffmann, St. Louis, Mo.  
 444 John Edward Evans, Laguna Beach, Calif.  
 445 Harold Glenn Forrester, Greenville, Mo.  
 446 William Marshall Baldwin, Greenville, Mo.  
 447 Charles William Harman, Springfield, Mo.  
 448 Connolly Sanders, Jr., Tulsa, Okla.  
 449 Robert Franklin Grady III, Mason City, Iowa  
 450 Byron Lee Keil, Springfield, Ill.  
 451 Jack Herrick Thompson, Normandy, Mo.  
 452 John F. Bruskotter, Ottawa, Ohio  
 453 Robert Philip Schafer, Edwardsville, Ill.  
 454 Gene Anson Huffman, Rolla, Mo.  
 455 Robert Lee Proctor, Zeigler, Ill.  
 456 William Conrad Ute, Gillespie, Ill.  
 457 John E. Mullolland, Sparta, Ill.

## LAMBDA

- 441 Marvin Arthur Jarvis, Salt Lake City, Utah  
 442 Lester Moreton Hartmann, Salt Lake City, Utah  
 443 Dexter Dee Penman, Salt Lake City, Utah  
 444 Frank Bagley Hills, Magna, Utah  
 445 Paul Alfred Larson, Salt Lake City, Utah

## MU

- 161 John Herman Beyer, Meridian, Miss.  
 164 Donald Kelly Bryant, Panama City, Florida  
 167 Leopold Joseph Cantafino, Brooklyn, New York  
 168 Mark Charles Gregoire, Kenmore, N. Y.  
 169 George Robert Kilpatrick, Gadsden, Ala.  
 170 Frank Weldon McAbow, Jr., Gadsden, Ala.  
 171 Carlino Maurice Turner, Birmingham, Ala.

## XI

- 130 Milton Anton Behrens, Milwaukee, Wis.  
 131 James Charles Friedrichs, Chilton, Wis.  
 132 Allan Erwin Heinrich, Wausau, Wis.  
 133 Edward Martin Jagodzinski, Milwaukee, Wis.  
 134 Frank Charles Marshall, Kenosha, Wis.  
 135 Richard Carl Meyer, Wauwatosa, Wis.

136 George Vincent Pokorsky, Milwaukee, Wis.

137 Robert William Watke, West Allis, Wis.

## OMICRON

- 402 Francis Boniface Callahan, Rock Island, Ill.  
 403 Jack William Clement, Amasa, Iowa  
 404 Edward Frederick Dickman, Ottumwa, Iowa  
 405 Raymond Michael Flanders, Wellman, Iowa  
 406 Vern Elmer Halverson, West Union, Iowa  
 407 Oden Francis Jester, Jr., Wilmette, Ill.  
 408 Charles Frederick Lenthe, Iowa City, Iowa  
 409 Melvin Roy Lincoln, Mascow, Iowa  
 410 James Earl Madison, Correctionville, Iowa  
 411 Gary Dwight Moon, Des Moines, Iowa  
 412 Harry William Nelson, Manchester, Iowa  
 413 Marvin Frank Sedlack, Fairfax, Iowa  
 414 Gorman Gail Tutsch, Sibley, Iowa  
 415 Wayne George Zellmer, Lawton, Iowa  
 416 Laurence Allen Divine, Larchmont, N. Y.  
 417 John William Dinzole, Omaha, Neb.

419 William Carter Sinclair, Alexandria, Va.

411 Charles Thomas Bradshaw, Norfolk, Va.

412 William Howard Cox, Ashboro, N. C.

413 Walter Allen Gurley, Seven Springs, N. C.

414 Edwin Ruffen Malin, Jr., Raleigh, N. C.

415 Samuel McManus, Albemarle, N. C.

416 Sydney Narvey, Winipeg, Manitoba, Canada

417 Robert Charles O'Neal, Mantoloking, N. C.

418 William Colton Parks, Greensboro, N. C.

419 John William Schlief, Winston-Salem, N. C.

440 Paul Eugene Smathers, Canton, N. C.

461 Van Wyck Williams, Jr., Greensboro, N. C.

462 Thurman Dewey Womble, Jr., Rocky Mount, N. C.

463 Philip Jackson Bough, Jr., Charlotte, N. C.

464 Leonard Rubin, Springfield, Mass.

465 Maxwell Reid Thurman, High Point, N. C.

## SIGMA

- 162 Richard Michael Deminski, Cleveland, Ohio  
 163 Jack Henry Kinnear, Avon Lake, Ohio  
 164 Gordon Francis Aloysius Kobb, Fort Jennings, Ohio  
 165 Melvin Albert Liville, Youngstown, Ohio  
 166 Arthur Edwin Morse, Euclid, Ohio  
 167 Edward Paul Priebe, Cleveland, Ohio  
 168 William James Role, McArthur, Ohio  
 169 Robert William Thomas, Cleveland, Ohio  
 170 Tommy Lee Underwood, Rockland, Ohio  
 171 Philip Arthur Walben, Fremont, Ohio

- 372 Elbert Vinson Gutzwiller, Huntington, W. Va.
- 373 Harold Duane Hannah, Smithfield, Ohio TAU
- 374 Thomas Eugene Manwarren, Fenwood, N. Y.
- 375 Anthony Carmen Del Vecchio, Philadelphia, Pa.
- 376 Alexander Lee Nail, Belle Vernon, Pa.
- 379 James Ribes, Staten Island, N. Y.
- 380 William Thurston Newell, De Bary, Fla. UPSILON
- 372 James Rance Bowen, Perryville, Ark.
- 373 Hiram Whittington Cooper, Hot Springs, Ark.
- 374 Alfred Brinkley Herren, Pine Bluff, Ark.
- 375 Bonnie Joe McCoy, Dermott, Ark.
- 376 Charles Rhea Mariel, Magnolia, Ark.
- 377 James Hontapies Stewart, Fayetteville, Ark.
- 378 William Albert Townsend, Crossett, Ark.
- 379 James Harold Bennett, Snackover, Ark.
- 380 Berle Eldon Browne, Fayetteville, Ark.
- 381 Adair Dean Farmer, Mena, Ark.
- 382 Auburn Douglas Kendall, Jr., Booneville, Ark.
- 383 Walter Carl Natho, Jr., Gillett, Ark. PHI
- 281 William Louis Berner, Indianapolis, Ind.
- 282 Jesse Ketchum Brennan, Hammond, Ind.
- 283 James Martin Carman, Fort Thomas, Ky.
- 284 Robert Lee Loomis, Chicago, Ill.
- 285 Richard Buf Newberry, Argyle, Iowa
- 286 Robert Bruce Scott, Jr., Detroit, Mich.
- 287 Edward Herbert Brandoin, Rexford, New York.
- CHI
- 397 Vernon Buckley Dale, Tucson, Ariz.
- 398 Charles Ostrom Defendief, Coolidge, Ariz.
- 399 William Maurice Gemmill, Jr., Hayden, Ariz.
- 400 William Donald Loveliss, Tucson, Ariz.
- 401 Joseph Clifford Major, Stamford, Ontario, Canada.
- 402 Ernie Richard Ruterman, Douglas, Ariz.
- 403 George Arthur Scholey, Prescott, Ariz.
- 404 Jack Smith, Tucson, Ariz.
- 405 Harold George Watson, Phoenix, Ariz.
- 406 Loren Morris Wood, Tucson, Ariz. PSI
- 297 Robert James Cowlin, Williston, N. D.
- 298 King Harold Ives, Los Angeles, Calif.
- 299 Winston Martin Sabines, Butte, Mont.
- 300 Charles Earnest Jones, Butte, Mont.
- 301 Frank Lennidas Hickich, Jr., Clinton, Iowa
- 302 Robert Emmett Murray, Anaconda, Mont.
- 303 Thomas Hugh Malone, Spokane, Wash.
- 304 Francis Marion Merrill, Lima, Mont.
- 305 Robert Erwin Perkins, Sorsauz, Wis.
- 306 Keith Robinson Bock, Billings, Mont.
- 307 Darrall Edward Bodie, Saskatchewan, Canada
- 308 Vernon Dale Longdo, Saskatchewan, Canada
- 309 Emil Bazarnicki, Butte, Mont.
- 310 Francis Allen Crowley, Butte, Mont.
- 311 William Lucy, New York, N. Y. OMEGA
- 374 Robert Eugene Bangs, Rapid City, S. D.
- 375 Elmer Emanuel Bierwages, Mileville, S. D.
- 376 Lyle DeVroe Clark, Rapid City, S. D.
- 377 Anthony Joseph DePaola, Yonkers, N. Y.
- 378 Robert Vance Helling, Rapid City, S. D.
- 379 Marvin Eugene Kiel, Cottonwood, S. D.
- 380 Francis William Lyons, Yankton, S. D.
- 381 Clyde Eugene McPharlin, Buffalo, S. D.
- 382 Thomas Carl Mohr, Garden City, S. D.
- 383 Duane Robert Olberts, Gray, Iowa
- 384 James LaVern Orvelap, Rapid City, S. D.
- 385 Grove Alan Rathbun, Noland, S. D.
- 386 Raymond Dale Sauer, Java, S. D.
- 387 Victor Hugo Schwab, Sinton, S. D.
- 388 Kenneth Cecil Urban, Rapid City, S. D.
- 389 Edwin Daniel Varling, Omaha, Neb.
- 390 Mack James West, Jr., Rapid City, S. D. GAMMA BETA
- 272 Frederick Hugh Battle, Jr., Arlington, Va.
- 273 Robert Samuel Burns, Washington, D. C.
- 274 Thomas Gilbert Flanagan, Jr., Washington, D. C.
- 275 John Carl Held, Washington, D. C.
- 276 Herman Norwood, Jr., Hyattsville, Md.
- 277 Carl Lann Rose, Arlington, Va.
- 278 Robert Dilman Smith, Arlington, Va.
- 279 Joel Simon Sonnenband, Riverdale, Md.
- 280 Benjamin Ernst Anderson, Jr., University Park, Md.
- 281 Robert Coile Baumann, Alexandria, Va.
- 282 Peter James Caffey, Hyattsville, Md.
- 283 Lowell Edwin Finch, Washington, D. C.
- 284 William Abbiert Woldridge, Arlington, Va.
- 285 Harold Levern Ziegler, Arlington, Va. DELTA BETA
- 241 Francis Roger Huch, Bethlehem, Wheeling, W. Va.
- 242 Harold Leroy Waking, Louisville, Ky.
- 243 John Matthew Knadler III, Louisville, Ky.
- 244 Jefferson Augustus McIntyre, Louisville, Ky.
- 245 Arthur Edgar Hubbard, Louisville, Ky.
- 246 Sidney Hale Birdsbeys, Jr., Valley Station, Ky.
- 247 Robert Leigh Bradley, Louisville, Ky. EPSILON BETA
- 1 Robert Warren Brown, Detroit, Mich.
- 2 Robert Brown Wonder, Jr., Detroit, Mich.
- 3 John Francis Christopher, Detroit, Mich.
- 4 Charles William Greening, Detroit, Mich.
- 5 Stanton Clarke, Detroit, Mich.
- 6 Emery Davis, Morton Grove, Ill.
- 7 Jack Max Schmid, Detroit, Mich.

- |   |   |
|---|---|
| 8 Samuel Smith, Detroit, Mich.                | 27 James Maynard Mount, Detroit, Mich.              |
| 9 Charles Daniel Gilboa, Detroit, Mich.       | 28 Henry Albert Fredrickson, Detroit, Mich.         |
| 10 Clayton Wmley Good, Detroit, Mich.         | 29 Alexander Ramsay Ross, Detroit, Mich.            |
| 11 James Nelson Lauson, Detroit, Mich.        | 30 Wendell Dexter Trudgen, Detroit, Mich.           |
| 12 John Emil Lukas, Detroit, Mich.            | 31 John C. Palmer, Detroit, Mich.                   |
| 13 Richard Wilbur Mickelson, Detroit, Mich.   | 32 Stanley Joseph Loncki, Detroit, Mich.            |
| 14 William Andrew Masticello, Detroit, Mich.  | 33 Robert Kay Miller, Detroit, Mich.                |
| 15 Paul Ortiz, Detroit, Mich.                 | 34 Carl Albert Ofin, Royal Oak, Mich.               |
| 16 Robert Nathaniel Pease, Detroit, Mich.     | 35 Luke Raik, Detroit, Mich.                        |
| 17 Nicholas Berar, Detroit, Mich.             | 36 Murphy DeForest Shell, Detroit, Mich.            |
| 18 James Thomas Congelliere, Royal Oak, Mich. | 37 Paul James Blinkilde, Detroit, Mich.             |
| 19 William Joseph Fognoni, Detroit, Mich.     | 38 Norman Smith, Detroit, Mich.                     |
| 20 Richard Lynch, Detroit, Mich.              | 39 Carl Eugene Orlino, Detroit, Mich.               |
| 21 James Russell Modes, Rochester, Mich.      | 40 Buscher C. Laves, Detroit, Mich.                 |
| 22 Charles Edward Wain, Detroit, Mich.        | 41 Glen Hiatt Howell, Grosse Pointe Woods, Mich.    |
| 23 Howard Martin Hess, Detroit, Mich.         | 42 Robert Bruce MacArthur, Detroit, Mich.           |
| 24 Harold George Donnelly, Dearborn, Mich.    | 43 Richard Gerald Welch, Grosse Pointe Farms, Mich. |
| 25 Gordon Reed Stone, Detroit, Mich.          | 44 Peter Samuel Davidovich, Detroit, Mich.          |
| 26 Archibald Harry Laird, Detroit, Mich.      | 45 Robert Charles Cook, Royal Oak, Mich.            |
|   | 46 Duncan William Preece, Detroit, Mich.            |
|   | 47 Leonard Stanley Stokes, Detroit, Mich.           |

A St. Luke's girl wrote home:

"... and I am gaining on this awful food they serve, too. I weigh 120 stripped, but I don't know whether those scales down in front of the drug store are right or not."

Two men, neither very bright, were helping to build a house. One kept picking up nails, looking at them, keeping some and throwing the others away.

"Why are you throwing away so many nails?" asked his companion.

"Because they are pointed the wrong way. They have the head on the wrong end."

"You fool. Those are for the other side of the house."

Across the facade of the Washington edifice which houses the national archives is the inscription: "What is Past is Prologue."

A couple of tourists asked their taxi driver what it meant and he replied:

"It's government for 'You ain't seen nothin' yet.'"

"This Institute turns out some great men."

"When did you graduate?"

"I didn't graduate. I was turned out."

"Daddy", asked the little boy, "what was your greatest ambition when you were a kid?" "To wear long pants, son, and I got my wish. I don't know anyone who wears his pants longer than I do."

"A Scotchman is a guy who goes out to lunch early, before his appetite develops."

A large organization hired several young college men for part-time work and because of business pressure gave each full responsibility for the collection of several bad debts. One of the young men reported an amazing percentage of collections, and when asked how he did it replied: "Why I just send them this letter." The letter read: "Dear Sir: If you do not pay your bill immediately, we will take steps that will astonish you."



*T b e* G E A R *o f* T H E T A T A U  
OFFICIAL PUBLICATION OF THE FRATERNITY

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

*Editors*

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IOWA CITY, IOWA

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Number 1

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A REMINDER.

One of the disheartening discoveries of our day is the continuous addition of names to the list of citizens prominent in public life who have violated a trust in order to make a fast dollar. Some are hard boiled politicians who were brought up under the spoils system and are ignorant of any other type of behavior. Some are young athletes who have a vague uneasiness about their arrangements but who rationalize their situation until black and white become an indistinguishable gray. Others are respected bank presidents enjoying the trust and confidence of whole communities who have chosen a hypocritical existence in order to attain greater wealth.

The reaction of the public to these daily incidents is one of three typical attitudes—a shrug of the shoulders, a vague feeling that "something should be done", or an outright indignation which leads to positive action of some kind. It is easy to take the first attitude—and *dangerous*. If the next generation wants to live in a society in which graft, injustice, and terrorism reign, all the young men of today have to do is shrug off the present evidences of increasing dishonesty. If such actions are condoned, then the general moral standard of our society will be swept away like a flimsy levee in the face of a mighty flood.

Most of us will agree that we do not want to live in the moral jungle which would result from wide spread dishonesty and graft. Surely such conduct is contrary to all principles of our fraternity. However, we will find ourselves in that spot unless we actively combat these tendencies. It is not enough just to "keep our own noses clean." We must stand up and be counted in the fight for better ethics in our society.

What can one man do? Well, he can have a lot more influence than he realizes! He can quit shrugging these things off, and let his friends and associates know that he doesn't like them. He can write letters to the editor and to his congressman. He can help the Boy Scouts and the Church Schools and see to it that the kids are brought up to believe that dishonesty is wrong. He can be careful in his voting to make sure that he is backing honest office seekers. He can influence honest men to run for office. He can join and give financial support to those organizations whose influence is against moral degradation and as a member he can stand for constructive policies and programs.

Yes, one man can do a lot, and he will find many ready to join him when he makes his position known.

Think it over, young men; what

kind of a society do you want your kids to live in?

JWH

#### REGIONAL CONFERENCES

The committee headed by Jack Dumbauld has been very busy this fall preparing plans and specifications for a round of 1951-1952 Regional Conferences. At this time it appears these will be held early in the coming spring. Also, it seems probable that there will be some reshuffling of chapters for a new arrangement into regional groups for this purpose. Especially in the far west, the problem of grouping is not easily solved and some experimenting seems in order.

Past experience has repeatedly demonstrated that these conferences have been a rich source of ideas for chapter improvements. For best results they call for much careful planning. This needs to be done at the chapter level as well as by the national committee, who can offer a general road map to follow but cannot cover the myriad of details which are peculiar to local situations.

#### SHE DID

Pretty Teacher: If you make another mistake in grammar, I'm going to kiss you.

Young man: You ain't neither.

A grumpy looking man boarded a train, called for a pillow, made himself comfortable and, just before closing his eyes for a nap, extracted a sizable sign from his brief case and propped it on his lap. It read:

"I don't trust Stalin; I hope we won't have another war; I think prices will start down in about a year, but that we won't have another depression. Wake me up at Schenectady."

It is therefore essential for each host chapter committee to get on the ball and do their share of planning too. Time is always very limited so that schedules must be carefully tailored to take advantage of available facilities and opportunities. Periods for fellowship and relaxation as well as those for business sessions and the more formal entertainment should be planned in advance.

Since these meetings are especially useful for improving our internal operations, it behooves each chapter to select its delegates with a thought to the future as well as to the present. Thus some men who are expecting to return to school for the 1952-1953 year should be included as delegates, though present officers, who can best explain policies which have been helpful in their administrations should attend where possible, too.

A final word of admonition to those delegations who are traveling by car: Drive with care, "the life you save may be your own."

PLM

A golfer, trying to get out a trap, said to a fellow player:

"The traps on this course are very annoying, aren't they?"

The second golfer, trying to putt, replied:

"They are indeed, so would you please close yours?"

In a small fight club the fans were disgusted with the lack of action in the ring. The two battlers did nothing but circle each other, with no punches being thrown. A forbidding silence mounted in the arena. Then—

"Hit him now, yuh bum," a spectator called, "you got the wind with yuh!"

# Letters from the Chapters

## Power Failure Brightens Up Alpha Party!



We at Alpha send greetings to all Brothers of Theta Tau wherever you may be.

Last spring Engineers' Day activities served as an outlet for all of our excess energy. Three new trophies were added to our growing collection.

They were for first place in the chariot race, first place in the individual bowling tournament, won by Alex Kovalchuck, and second place in the softball tournament. A bigger and better year is coming up too.

Spring quarter was topped off with the annual spring formal, held at the Forest Lake Country Club. Unfortunately, it rained all day so our plans to spend the afternoon golfing and swimming had to be canceled. There is a bright side though, the storm continued on into the night and the power line finally blew down. Then the party hit on all four

Historians; and Richard Bakes, Corresponding Secretary.

Dr. Miles Kersten of the Civil Engineering Department is our faculty adviser. That may be the reason for the large number of Civils here at Alpha; whatever the reason may be, it is good.

Since school has started this fall the only major activities have been The Founders' Day Banquet, and Homecoming. Of course, we have had the usual number of picnics to complete our well rounded social life.

The Founders' Day Banquet was held at the Criterion, in St. Paul, and was attended by 61 active and alumni. All of those present who wished to send Brothers Erich Schradex and Dr. Holman a personal message had the opportunity to do so, thanks to Bob Adeson. He furnished a tape recorder so the messages could be recorded and sent to Erich and Doc.

On October 20, a Homecoming Party was held. It was attended by two alumni, Walt Mattson and Remus Betrai, besides all the actives. A merry victory celebration was held to honor the occasion.

A big circle has been put around the date, December 22, for that is the date of our annual Christmas Semi-Formal. Any of you alumni who can, please attend. You are cordially invited, just drop us a card.

Matrimony has become a fad here at Alpha. Those actives who have stepped in line are Richard Bakes, John Mieras, William Cummings, and Elaine Himmelman. Two recent alumni also decided to try married life. Who are they? Why Paul Slight and Walter Mattson of course.

Keith Graham from Omega Chapter is our counsellor for this year. Keith is doing graduate work here at the University.

So far this fall, two smokers have been held, and the turnout was swell. We plan to pledge some men this fall and initiate them in the winter quarter. Our membership was depleted by graduation, which took eight, and we started fall quarter with 23 actives. So this should be a good year for us.

Yours in H & T

Donald Van Prossen, Scribe



Alpha E-Day Float

cylinders via candle light. At this party we also welcomed five new members into the fraternity, they were Willard Franza, William Cummings, William Hanson, Cecil Suter, and Edward Zugschwert.

The present chapter officers are the same as were reported last spring, in The Gear: Robert Meyer serves as Regent; Maurice Angvall, Vice Regent; Donald Van Prossen, Scribe; Thomas Leonard, Treasurer; Carl Gordon,

## Beta Tops In Scholarship and Extra-Curricular



The members of Beta Chapter spent many hours this summer with paint brushes and sprayers in hand putting a new coat of paint on the chapter house. The result is a much improved

appearance. For the most part the colors remained unchanged. The bottom half was painted yellow instead of the beige which it replaced. Also, many of the fellows redecorated their rooms during the summer.

Beta began the fall term with a fine group of officers who were newly elected last spring. They are as follows: Atilio Berduson, Regent;

John Simmons, Vice-Regent; Wright Sheldon, Scribe; Robert Grant, Treasurer; Donald Gerkey, Steward; and Richard Senoka, Pledge Captain. We are fortunate in having the continued guidance and judgment of Professor L. F. Duggan who remains as our chapter adviser.

An initiation was held April 21, and the following men became members of Beta Chapter: Leon Angelich, Eugene Sheldon, Harold



Beta House Repainted

Jemen, Donald Vredeveid, Donald McMaster, William Allard, and Ford Ludner. Another initiation was held on June 2nd at which time the following men became members: Ronald Mathwich, Joseph Trise, Raymond Paris, James Bay, Ronald Hocking, James Wark, Charles Gumbert, and Karl Meyer.

Our Spring Banquet was held June 3rd at Geno's Restaurant. Professor Duggan spoke on house problems and what the fraternity could look forward to in the coming year. The guest speaker was Captain F. E. Mack who

gave an enlightening talk on the present world situation.

The annual Spring Formal, honoring the graduating seniors, was held on May 26th at the Masonic Temple. A large crowd attended and danced to the soothing music of the "Collegians."

Beta Chapter continues to lead the campus in scholastic activities having a large percentage of its members in national honorary organizations. Beta had the highest scholastic average of any organization on campus for the 1950-51 school year.

Professor Barrett, Theta '54, gave the members of Beta "things to think about" in his talk at the Founders' Day Banquet which was held at Gino's Restaurant.

Brother Bob Whitney, '49, returned this fall for a year of post-graduate work. This summer and fall, Brothers Jerry Mattson, '51; Don Scufca, '50; Bud Larson, '51; Bob Storm, '51; Bill Forth, '49; Gene Knasbol, '51; George Bianchini, '49; and Bob Pierce, '49 paid visits to the house.

At the Homecoming Parade this fall Beta Chapter took top honors for the third consecutive year with the winning float.

The Rhombodragon will be in the mail in a few weeks. Any alumni who have changed their address please let us know your whereabouts so you will be able to receive a copy.

In closing, Beta extends its best wishes and fraternal greetings to all brothers of Theta Tau.

Yours in H. R. T.

Bob McMaster  
Kent Mulholland,  
Corresponding Secretary

## Epsilon Receives Building Lot



Fraternal greetings and best wishes are extended to all members of Theta Tau from Epsilon Chapter.

The active membership of our chapter was depleted greatly by graduation last June, but through the hard work of all the actives, Epsilon pledged 21 men this semester. They are: L. W. Abel, Bill Bauer, Paul Bowtell, John Cochran, C. L. Cole, Rudy Epic, Pete Fisher, E. Furrerter, Don Franco, Bill Gibbons, Hal Hody, G. C. Jansen, Herb Klezme, Rowland Laxon, Cliff Perry, Jerry Raydon, E. J. Rubin, Clyde Walker, Glenn Wells, Herb Wheeler, and Harry Wise.

The rush smoker was held at the Abbracadabra House. After a very interesting talk by Dr. Wells, beer was served and a good time was had by all.

The initiation banquet was held at Lucan Restaurant in San Francisco. A full evening was provided which included making the rounds at the International Settlement in the city.

The officers elected last spring are as follows: Regent, Thomas O'Neill; Vice Regent, Marshall Maddock; Scribe, Dave Rowland; and Treasurer, Henry Herlyn; Bob Morel remains as our Corresponding Secretary. Professor E. Winter continues very capably as our faculty adviser.

At the beginning of this semester, Regent Tom O'Neil was forced to leave school very unexpectedly and Marshall Maddock stepped into the office of Regent. Congratulations are due to Marshall as he has been doing a very good job besides working on his Ph.D.

A number of activities are being planned for the fall semester. Among these are football games with other organizations on campus, a dance, and a "get together" at one

of the local social fraternities on campus.

The very generous offer of Dr. Louderback to give Epsilon chapter a lot one block from

Last semester the awarding of a plaque for the outstanding senior in Mineral Technology was renewed for the first time since 1947. This



Epsilon Initiation Banquet

the campus gave hope to all members of finally having a "home". We at once formed a committee to start the gears rolling for building a much needed meeting place where all members will be able to get together, study, and relax. We express sincere thanks to Dr. Louderback.

year it was awarded to Ken Zerda of the Mining department.

We of Epsilon are looking forward to a very prosperous and successful year.

Yours in H & T  
Bob Morel  
Corresponding Secretary

## Zeta Leads Engineering School

LAWRENCE  
KANSAS

Zeta chapter sends its warmest fraternal greetings to all brothers of Theta Tau.

The Fall semester has found many changes in Zeta chapter. Complete house remodeling and increased leadership in the Engineering School is the topic this Fall. Mrs. R. Cole, from Kansas City, has taken over the House-mother's duties at Zeta and is doing a very nice job. The entire house has been painted and remodeled. A new kitchen and house-mother's quarters are among the changes.

Spring elections placed Keith Smith at the head of the house as Regent; Robert Kipp as Vice-Regent; Bill Gartung as Secretary; Glen Beauchamp as Treasurer; and Lawrence Heinrich, Corresponding Secretary. This Fall, we are again fortunate of having as a very capable chapter adviser, T. F. McMahon, Professor of Civil Engineering.

The Fall election found five new initiates becoming brothers in Theta Tau. They are Vernon Johnson, Don Lloyd, Alex Cantor, Gene Rogers, and Charles Craig. The total active chapter membership is now 18. The prospects for the coming year look extremely well with a fine group of 10 pledges on hand now and several prospects.

A Fall smoker was held at the start of the school year with Dean Woodruff, Dean of Men at the University of Kansas giving a fine talk. A rousing Halloween party was also held with a fine attendance and plenty of fun.

Zeta chapter is very proud of five of its men who were recently initiated into Schem, men's honorary society. This was by far the highest percentage among the organized houses. The

five men are Keith Smith, Bill Gartung, Bob Kipp, Bob Pipe, and Bill Stinson. Zeta men are also members and officers of Sigma Tau, Tau Beta Pi, ASME, AIChE, Sigma Pi Sigma, and many other engineering organizations.



Zeta Red Dig Party

The coming months hold much for Zeta. Among the many activities to come are the Thanksgiving banquet, Triad Dance, and the Christmas Formal.

Congratulations are in order for three of our outstanding brothers: Keith Smith, Bill Gartung, and Bill Richey who will receive their sheepskin this February.

With the coming year bright in the future of Theta Tau, Zeta chapter sends best regards to all brothers with an invitation to visit the chapter house whenever possible.

Yours in H & T  
Lawrence Heinrich,  
Corresponding Secretary

## Theta Membership Goes Up and Down



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

Our chapter has shown a large rise and fall in membership since the last letter to *The Gear*. Nine new brothers were initiated last April to bring the number of actives up to thirty-eight for the end of the spring session. Only fourteen actives remain for the fall term. However, due to the large number of graduating members, we intend to pledge over a dozen men in the next couple of weeks to bring our forces back up to strength. Our officers, elected last spring are: Charles R. Lindquist, Regent; Kenneth Jagel, Vice-Regent; Alfred Petrick, Jr., Treasurer; Richard G. Dalagi, Scribe; and Remo Stella, Corresponding Secretary. Professor Walter LaForte of the Electrical Engineering Department was nominated Fraternal Adviser.

The highlight of the School's social calendar last spring was the Engstrom's Formal. Theta Chapter reserved a large section of the hall and had very good attendance both by actives and alumni. Eleven members of the chapter were active on the School's Social Affairs Committee, including Joe McCormick, Chairman. According to the usual tradition, the chapter provided a gimmick for the Dance which this year was a mechanical man devised by Al Petrick with the aid of some of the other brothers. Gerry Gadarion headed a committee to design a window decoration for Theta Tau to compete with nine other professional and fraternal groups for a keg of beer as prize. The committee is to be congratulated for an excellent showing in a losing cause.

Theta joined with the Columbia chapter of Tau Beta Pi to aid in the School's development program. Most of the graduating students were contacted personally in an effort to get donations for construction of the proposed Engineering Center. Through hard work

on the part of the brothers, the drive met with great success.

A successful venture in the field of social activities was a picnic held on the Nevins Estate just after final exams. A large number of the brothers, both active and alumni turned out for an afternoon of ball-playing, picnic lunches, and the customary beer drinking. Although part of the day was cloudy, it certainly did not darken the spirits of those attending and a good time was had by all. This may well prove to be a traditional way to celebrate the end of the school grind and bid farewell to the parting graduates.

Wedding bells were ringing out for Theta Tau's this summer. Congratulations are in order on this account for Ed Clarke, Gus Gustafson, Ken Jagel, Lou Urban, and Ray Stella.

The present term was started with a dinner and smoker in honor of Founders' Day. Brother "Dex" Husekley, Grand Vice-Regent, addressed the brothers in an informal talk. There was a good turnout of alumni and actives in spite of the fact that it is inconvenient for many of the brothers to get out on a Monday night.

First on the calendar for the coming term is another Theta Tau Dinner-Dance. There have come to be a tradition here at Columbia and we look forward to them with much interest. The affair will be held on November 10th after the Columbia-Dartmouth game.

As usual the brothers of Theta Chapter are active in the extra-curricular activities at Columbia. Among the organizations in which our brothers are active are: Tau Beta Pi, the Owls and the Society of Dumbbells, as well as the various professional societies. Also Theta Tau's are active on the Student Council, the Social Affairs Committee, and the Yearbook and the Newsletter. The chapter can be proud of its support of extra-curricular activities.

Yours in H & T  
Charles R. Lindquist  
Regent

## Uncle Sam Makes It Tough for Lambda



Lambda chapter in Salt Lake City sends its greetings to the brethren in other colleges and around the country. Our chapter has suffered the inevitable—loss of members—due to the war, and the graduation of seniors. As a result, this autumn quarter started with ten active members.

Those formed a nucleus, upon which, with

the addition of seven new members this fall, the chapter plans to continue as in the past.

Our new officers are: Lester M. Harrison, Regent; Neil Mattenson, Vice-Regent; William H. Phillips, Treasurer; Bruce D. Martin, Corresponding Secretary; and George W. Carter is the faculty adviser of the chapter.

These are our new pledges: Robert Alexander Fluehr, Kenneth Jack Showway, Phillip Kayble Rains, Leo Herman Peterson, Ronald Bruce Reeves, Kenneth William Karren and Parley M. Neely.

The spring formal during 1911 was held at the Newhouse Hotel in Salt Lake City, on April 29. The theme was a May Festival complete to candle-maypoles and cottages on the tables. Thirty couples were present at this climax to our school year parties.

At the banquet for Engineer's Week at the U. of U., held during the spring, we presented our Outstanding Graduating Engineer award. The winner was Calvin Gary Clyde, who had his name inscribed on the Theta Tau plaque, and was given a special key. The plaque hangs in the Engineering Hall on this campus.

The Founders' Day dinner was held in the Union Bldg. at the U on October 21, presented by the alumni chapter. Dr. A. J. Eardley of the department of geology was the guest speaker.

For the current school year, we are planning



Lambda Regent Presents Award to Cal Clyde



Martin, Jennings, Monson, Folsom, Larson, Phillips, Sargent  
Lambda's New Members

to continue our Professional Development dinners bi-weekly. Our practice is to have a

speaker at each of these dinners who is a specialist in some field of engineering. Neil



Hinson, Moody, Prizzson, Hunter, Potter,  
Larson, Davis, Mays



Mortinson, Dix, Burbank, Brooks, Aivil

Moerston is taking care of the department along with his duties as an officer in the chapter.

We are holding our pledge dinner on the 16th of November, and the pledges will go active November 18. If Uncle Sam will let us

have our members for a few more quarters, we will have this chapter back to full strength before long.

Yours in H & T  
Bruce D. Martin  
Corresponding Secretary

## Mu Lays Out Fall Work Program



Treasurer—A. T. Henry; Corresponding Sec.—Donald C. Bailey; Marshal—Mark Gregory; Inner Guard—Tommy Caldwell; Faculty Adviser—J. M. Faircloth.

The real kickoff for the year came at our second October meeting, at which we had almost 100% attendance of our twenty actives. A stirring display of enthusiasm was

made at this meeting. The members voted to adopt the following as projects for the year:

building a float for the Homecoming parade; beginning a fundraising campaign for a portrait of Dean Davis, a former Dean of the College of Engineering; maintaining exhibits continuously in the large display case of Houser Hall; and formulating a workable schedule for meetings of the various engineering societies and fraternities, to avoid conflicts. Committees have already begun active work on these projects. With the excellent spirit prevalent in the chapter, we expect to make tremendous progress this year.

Yours in H & T  
Donald Bailey  
Corresponding Secretary

## Xi Hears From Alumni On Founders' Day



Greetings from Xi chapter to all brothers of Theta Tau.

The newly elected officers for this year are Regent, John P. Weber; Vice-Regent, Paul L. Cowan; Scribe, Myron J. Brudnicki; Treasurer, George V. Pokorny; Corresponding Secretary, Casimir Kondziarski Jr.

At last spring's initiation, the newly initiated members were, George V. Pokorny, Frank C. Marshall, Edward M. Jagodzinski,

Allan E. Heinrich, Milton A. Beheim, Richard C. Meyer, Robert W. Wutke, and James Friederichs.

At the start of this semester we have 16 active members and 15 pledges, and we are now at work in further strengthening our chapter.

A Hollywood costume party was held last semester on April 24th, at the Capitol Hotel. Our annual Founders' Day banquet this fall, was held at the Hoffman House, and an interesting after dinner speech on "Depth of Space" was given by Prof. A. E. Whitford of the University Astronomy Department. At the dinner we were also honored by the presence



Founders' Day Banquet

Seated: left to right, James C. Friederichs, Prof. H. A. Peterson, Dean M. O. Withay, Russell W. Fenske, Prof. A. E. Whitford, John P. Weber, Paul L. Cowan and Gilbert E. Kempka.

Standing: left to right, Milton A. Beheim, James Bierbach, George V. Pokorny, Melvin Katchliffe, Allan E. Heinrich, Richard C. Meyer, Robert W. Wutke, Edward M. Jagodzinski, Neal F. Pophal, Elmer E. Schultz, Frank C. Marshall, Myron J. Brudnicki and Casimir Kondziarski Jr.



of two honorary members, Dean M. O. Wisbey and Prof. H. A. Peterson. Two alumni members, Melvin Kataliffa and James Bierbach were also at the dinner. Congratulations were also received for Founders' Day from brothers Charles Pitt, Dave Sawle and Dave Zimmermann, now employed at the General Electric Plant at Hanford, Washington. Greetings have also been sent by brother Ivan Wilson, who is with the Oklahoma Gas and

Electric Co. and Sgt. James Waters, who is stationed at Camp McCoy, Wisconsin.

This year Xi chapter has been continuing its sports and scholastic activities, still maintaining its high scholastic record.

Xi Chapter sends its best wishes to all chapters of Theta Tau.

Yours in H & T  
Caosir Kendziarski Jr.,  
Corresponding Secretary

## Omicron In The Float Business



Omicron chapter is starting this fall semester with 34 actives. A majority of these men are those who were initiated last May; they are as follows: Gary Moon, James Madison, Laurence Divine, Marvin Sedlacek, Vernon Halverson, Frank Callahan, Wayne Zellmer, Gorman Tuttsch, Oden Jester, Raymond Flanders, Charles Lenthe, Harry Nelson, Ed Dickman,

Moon, Inner Guard; Walt Jean, Athletic Manager.

Last spring the intramural season ended with Omicron winning all of its softball games, thus capturing the trophy. A great deal of the glory goes to Bob Wood, the pitcher. Game after game was won mainly because Bob held the opposing team to one or two hits.

Last June, one of Omicron's outstanding members, Brother William Olson, was called into the service. He is now located in the Electronic Section at Fort Belvoir, Virginia.



Omicron Homecoming Float

Melvin Lincoln, Jack Clemens, and John Dineale.

Officers for the present year, elected last spring are: Warren Essler, Regent; Richard Axelson, Vice-Regent; Lindsey Lenthe, Scribe; Gorman Tuttsch, Treasurer; Earl Tabler, Marshal; Laurence Divine, Corresponding Secretary; Oden Jester, Outer Guard; Gary

We of Omicron chapter with Bill all kinds of luck.

The members of Omicron chapter are just beginning to recover from building three homecoming floats. We not only participated in building our own float but we helped build the engineers' corn monument and also helped construct a float for a girls' dormitory. Even

with all this work we managed to have our first place in the final judgments. The chapter is to be congratulated for this fine showing and special thanks go to Ray Flanders for the design and to Ed Levin who directed its construction.

Omicron chapter celebrated Founders' Day with a large picnic in City Park in Iowa City. There was a huge turnout consisting of all the members together with wives and girl friends.

Plans are now being made for a Halloween

Party. This is a function all the members are looking forward to and it promises to be quite an occasion.

Members of Omicron deem themselves privileged to have Professor Ned L. Ashton as chapter adviser. We all hope to have Brother Ashton with us for a long time to come.

Yours in H & T  
Lawrence A. Divine  
Corresponding Secretary

## Big Pi Chapter Ready for Big Year



Greetings to all Brothers:

Members of Pi are busy planning the annual Engineering Ball to be given on November 16. This gala event, which is looked forward to each year by all Engineering students, is given through the combined efforts of Pi and the local society, Trigon. We certainly hope that all the alumni in the surrounding area will be able to attend.

Our chapter officers are as follows: Robert Humphris, Regent; Beverly Masack, Vice-Regent; George McIntosh, Scribe; Wayne Marshall, Treasurer; and, Frank Batty, Corresponding Secretary. Our chapter adviser is Henry L. Kinnier.

During the spring elections for school officers, Pi had four of its members elected to the following positions: George Skimp, Vice-President; Robert Humphris, Secretary; "Pike" McCasland, Treasurer; and "Jake" Hann, Historian. On October 21, Pi initiated 22 new members to bring our total membership to 43 and with this "new blood" is looking forward to a prosperous year in Engineering Activities. Our new members who were pledged by Tau Beta Pi are: Henry Blane, Harold Burgess, Bill Morgan, and Jake Hann.

Last spring, Pi went down to defeat for the second time in its football history by a 9-8 score to Trigon. However, we are looking forward to the coming touch football game which will feature a keg of beer at the half. We have yet to lose a football game to the Triggers but we aren't taking any chance and have had a practice and we looked pretty good. I think we should keep our unblemished skins going after this game.

Pi's former chapter adviser, Dr. Lawrence Quarles, is again back at the Engineering School after a year's leave of absence, during which time he was working at Oak Ridge, Tennessee. At present, he teaches classes the latter part of the week and commutes to Oak Ridge to work on a project the remainder of the week. Alumni may be interested to know that one of the Civil Professors, Professor Wheeler, is no longer at school but has taken a consultant job in Alabama.

During the Homecoming Weekend, we met many of the old grads and certainly hope that they will be able to come back again. By the way Virginia won over V.M.I. 14-14.

Yours in H & T  
Frank Batty,  
Corresponding Secretary

## Rho Planning Membership Drive



Rho Chapter sends fraternal greetings and hopes for a successful year to all of its brothers of Theta Tau.

All the brothers of Rho Chapter are expecting a successful year being under the able leadership of Tom Fitz, Regent; Jack McCormick, Vice Regent; Henry Quay, Treasurer; and Carole Campbell, Scribe. There are 27 active members and no pledges backing these officers. Professor T. D. Brown, the Grand Inner Guard, is the faculty adviser of Rho Chapter.

Last spring we initiated three outstanding students. These men were Philip Jackson Baugh, Jr.; Leonard Rubin; and Maxwell Reid Thurman.

We are now in the midst of an extensive rushing program. We have many prospective Theta Tau pledges in line and it looks as though we will have a very successful rushing season. This, we hope, will bring our membership up to a maximum.

Many important positions on campus are held by Rho Chapter brothers. Brother Jack McCormick, our Vice Regent, is the President of the Student Union; Wilson Craig is the

editor of the Southern Engineer, the student engineering magazine; Brother Tom Fitz, our Regent, is also President of his social fraternity; and George Freeman is President of his social fraternity.

Brother Jack McCracken, who graduated

last year in Aeronautical Engineering, has returned this year to do some graduate work.

Yours in H & T  
George Freeman,  
Corresponding Secretary

## Sigma Moves Into Its Own House



Fraternal greetings to all members of Theta Tau from Sigma Chapter.

Until we have elections in January, Sigma Chapter is being guided by Regent Frank Wooser; Vice Regent, Tim Healy; Scribe, Mel Linville;

Treasurer, Don Zimmerman; and Prof. C. G. "Bill" Smith our faculty adviser. Also remaining in their official capacities until January are Bob Sparrow, House Manager and Gene Keppler, Corresponding Secretary. Art Moise is the present Steward.

The big news of the moment is that Sigma now possesses a permanent home. We finally have found our way clear to purchase a spacious nineteen room house which is capable

held at the Columbus Riding Club. Music was supplied by Bob Jolly and his orchestra. The evening was enjoyed by everyone. The Fall Quarter Initiation Banquet, Homecoming festivities and several smokers filled out the rest of our social calendar. "Polka King", Dick Deminski can be given the credit for his fine performance as Social Chairman.

On the evening of November 10, the Fall Quarter Initiation is to be held at the chapter house. Slated to go active are Art Malek, Tom Orth, Carroll Hixson, Medro Brodeur, Harry Gunvalson, Dave Mitchel, Chas Shira and Dennis Stois. These men will increase the active chapter to thirty-six men. After the initiation, the El Toco Restaurant will be the scene of a banquet honoring our new members. Here the new actives will entertain the chapter with a very amusing skit.

Last May we bid farewell to seventeen graduating men at our annual Senior Banquet at the Henri Boyd Inn, in Worthington. Here, Co-Masters of Ceremony Jim Fatter and Jim Read presented Sigma Chapter a Tachistoscope (visual perception trainer) with the expressed hope that it will help develop a few more "four pointers".

During the Fall Quarter our athletic program featured intramural football and bowling. The brand new five million dollar Ohio Union was the site of the bowling competition. We defeated Triangle in touch football 7-6, to retain possession of the Triangle-Theta Tau Athletic Trophy.

Last May we reached the near heights of our athletic ability when we went down to defeat in the semi-finals of one of the intramural softball leagues. A beautiful trophy decorates our mantle though, to remind us throughout the years of our accomplishment.

We will continue our intramural sports program with basketball during the Winter Quarter.

On October 19, Sigma Chapter became the proud owner of nine Airedale pups presented to us by our mascot Lindy. Lindy was the victim of Vern Rybicki and his Ways and Means Committee. We have sold several of the pups, and have converted the profits into much needed furniture for our new surroundings.

Yours in H & T  
Eugene F. Keppler  
Corresponding Secretary



Sigma's New Purchase

of housing approximately twenty-seven men. This is the culmination of much hard work and long hours on the part of Theta Tau Inc. and the Central Ohio Alumni Association. We wish to express our thanks and appreciation to these organizations as well as to the National Officers.

Another thing which Sigma Chapter can be proud of is that the Theta Tau Scholarship was awarded to Brother Tom Underwood. Brother Underwood is in his fifth year of Civil Engineering. He is very active in campus organizations as well as Theta Tau and is Chairman of Tau Beta Pi, American Society of Civil Engineers, and Chi Epsilon, Civil Engineering honorary society.

Although we are pretty busy getting settled in our house we still have time for social and recreational events. The annual Fall Formal was

## Young Upsilon Alumni In Uniform



Greetings to all Theta Taus.

Upsilon Chapter now has the following officers: Shelton Soret, Regent; Don Bulong, Vice Regent; Bonnie McCoy, Scribe; Bill Parkey, Treasurer; Walter Wight, Vice Treasurer; Chester McKoon, Marshal; James Bowne, Inner Guard; and Robert Nowell, Outer Guard. Faculty Advisors are Professors James R. Binnett and Jim Wiseman.

We now have 33 active members and fourteen pledges. Our pledges are: John Ashworth, Frank Bakstrom, George Ballard, Ted Benler, Frank Carl, George Ellifson, Arthur Hope, Hugh Knoll, Bob Miller, Don Overton, Jimmy Smith, L. K. Smith, Mark Trimble, and Cliff Vineyard. This promises to be one of our most active pledge classes.

Our annual Founders' Day Banquet was

held at the Chicken House in Springdale, Arkansas, Tuesday, October 18. Master of Ceremonies was Jim Koonce. In his official capacity Jim awarded the chapter title of "Lover Boy" to Jim Bowen. The speaker of the evening was Mr. William H. Kennedy of the Arkansas Power and Light Company. He spoke on "Progress in Arkansas."

We have recently heard from several of our alumni and from the addresses it seems that Uncle Sam has fairly well covered our more recent graduates. Some of those still in the writing mood are Don Callahan, Ft. Monmouth, N. J.; Bill Gammill, Ft. Worth, Texas; Glen Bruce, Ft. Sill, Okla.; Bill Shook, Little Rock, Ark.; Bill Robbins, Keesler A.F. Base, Miss.; Luther Spears, Dayton, Ohio; and Kenneth Coffey, Barksdale Field, La. We wish these men the best of luck.

In H & T

Norman E. Snow,

Corresponding Secretary

## Phi Outdesigns Triangle



Phi chapter, beginning its twenty-third year at Purdue, looks forward to a full schedule of activities, both scholastic and social. Following a highly successful rush week during which we pledged four men to bring out occupancy to an overflowing twenty actives and sixteen pledges, we feel confident of many successes with such an able group to work with.

The house officers seem to work well to-



Phi's Senior Cord Parade

gether in governing house policy. They are: Charles Ross, Regent; John Lidstone, Vice-Regent; Richard Wihart, Treasurer; David Nelson, Scribe; and Earl Stevens, House Manager. Jim Thomson, Omicron '41, an instructor in the Engineering Mechanics School, as Phi

advisor, lends a helping hand when we find the going a little rough.

The chapter membership has been increased by five to 291. On April 9, 1955, we welcomed Edward Braddon as a brother. In an initiation ceremony on November 1, 1954, the following men became members of Theta Tau: Charles Bunnell, William Halbritter, Roy Honking, and Wayne Reisinger.

Last spring, we finished high in "league" competition by placing second in the BATT boat race on the Wabash. We conquered Triangle at the annual Engineer's Ball by designing a more efficient machine, and wrested the trophy from their grasp for the coming year. This fall's activities include the usual Homecoming celebration, and the pledge dance, called the "Hick 'n Slacker Hop." In December, we are looking forward to the annual Winter Formal.

Phi's percentage of campus activities men is high this year. Chuck Ross is editor of the Purdue Engineer, a member of Tau Beta Pi, and is pledging Gamma, the athletic boosters honorary. Ross Nordstrom is secretary of the Fraternity Affairs Office. Jim Carman is junior advertising manager of the daily Exponent, and Devon Hobby and Jov Brennan are photographers for the Debris, the yearbook. Jack Lidstone is varsity debate manager, and Bill Phelps is pledging Sigma Delta Chi, the national journalism fraternity, and Tau Beta Pi. Dave Nelson is also a pledge to Sigma Delta Chi and is assistant editor of the Purdue Engineer. Jim Wiese is pledging Chandelle Squadron, the Air Force ROTC honorary, and Bob



Phi Pledging Ceremony

Dustin and Bob Kaiser are pledging Phi Eta Sigma, the freshman scholastic honorary.

The members of Phi chapter extend best wishes to all the brothers of Theta Tau

throughout the country and abroad.

Yours in H & T

David B. Nelson, Scribe

## Chi Activities "Numerous and Beneficial"



Chi chapter again extends greetings to all members of Theta Tau. As a result of our pledging activities last spring, Chi chapter has added to its rolls 10 new members: Jack Smith, William Ginnell, Vernon Dale, Charles Diefendorf, William Lovell, Joe Major, Ernie Kuterman, George Scholey, Harold Watson, and Loren Wood. Since last spring, however, the chapter has been depleted by graduation and service calls to 18 actives. This situation will soon be remedied as we have plans to pledge 11 new men. Two open meetings have already been held for pledging purposes and we are finding it difficult to limit our pledges to 11 in number as all the prospective numbers show great promise.

On Sunday, October 14, Chi chapter and the Southwest Alumni Association held our annual Founders' Day banquet at the Santa Rita Hotel in Tucson. It was a gala affair and the large attendance of alumni members was most encouraging. The guest speaker was Professor D. G. Bartholomew, Electrical Engineer, Minnesota, whose address, concerning the Boeing Airplane Company and its current projects, was very enlightening.

Two of our fellow Theta Taus, Bob Webb and Jim Hess, were honored by receiving the

Phelps Dodge Scholarship Award to continue with graduate studies in metallurgy. Only Bob Webb was able to accept, however, as Jim was an R.O.T.C. officer and was called to active duty immediately upon graduation.

Other graduates recalled or enlisted are: Dave Steinheimer, USN; Jack Lamb, USAF; Dave Roper, USAF; and Burt Struthers, USA. Under-graduate members who were called are: Bob Torgersen, USAF, and Buddy Struss, USA. Buddy was Vice-Regent and his duties are presently being assumed by Wayne Holden, our newly elected Vice-Regent. The other chapter officers are: Lindly P. Haney, Regent; Bob Whitson, Scribe; Don Brown, Treasurer; and Loren Wood, Corresponding Secretary. Professor Philip Newlin is our present chapter adviser.

The coming activities this fall promise to be numerous and beneficial, both to our individual members and to the engineering college as a whole. Aside from our social functions, our activities include acting host to visiting high school students, aiding the Engineering Council in planning the coming engineers' dances and picnics, installing new laboratory equipment for the engineering college, and numerous other projects. Certainly the coming year is to be a prosperous one for Chi chapter.

Yours in H & T

Loren Wood,

Corresponding Secretary

## Psi Strong On Sociability



With the arrival of the fall semester, Psi Chapter gathered ten new pledges from the eligible sophomore class. A Rush dinner was held at the Red Rooster on October 10,

1951, to acquaint the prospective pledges with

the actives and older pledges.

The following pledges became active at an initiation ceremony held on October 23, 1951: Robert L. Clayton, Keith Burgess, Eugene W. Lingo, George M. Barnett, David L. Donaldson, and Richard N. Miller. Psi Chapter now has 29 actives and 12 pledges.

Our former Faculty Adviser, Dr. Alvin M.

Hamon has left the Montana School of Mines for a position with the oil industry and Dr. J. George Grossenfelder has accepted the title.

The annual spring formal was held last May at the Echo Lake Lodge. The weather held fair, a novel development, and the dinner dance was a fine affair, enjoyed by all those attending. Plans are now being formulated for the fall formal and the always popular Brown's Gulch Baen dance.

The traditional "M" Day elections finished with one Psi Chapter man elected to delegate in the A.S.S.M. Robert Tushoff ran for President, Richard Miller for Vice-President, Calvin Stevenson for Secretary, Thomas

Melrose (elected), and Winston Nelson, Delegates.

Chapter officers, holding office until May are: Regent, Robert Tushoff; Vice-Regent, Don Clark; Scribe, Calvin Stevenson; Treasurer, Bill Lucy; Marshal, Keith Beck; Inner Guard, unfilled at this writing—formerly held by Bill Christianson who was unable to return to school; Outer Guard, Richard Vik; and Roger Rice, Corresponding Secretary.

Psi Chapter extends its best wishes to the alumni and to all brothers of Theta Tau.

Yours in H & T

Roger C. Rice,

Corresponding Secretary

## Omega Eats Elk On Founders' Day



Omega Chapter wishes to extend its heartiest greetings to all brothers in Theta Tau, and we hope that this issue of The Gear

finds all enjoying the fruits of our fraternal brotherhood.

The fall quarter finds Omega Chapter experiencing the beginning of another very successful year at the South Dakota School of Mines and Technology. The competent group of officers who will guide our activities for the coming year are: Don Bush, Regent; Jack Kone, Vice-Regent; Tom Mohr Scribe; Ron Petersen, Treasurer; Gary Mader, Corresponding Secretary; Walt Haase, Assistant Treasurer; Harold Brandberry, Marshal; George Eakins, Outer Guard; Dennis Drayer, Inner Guard; Kasey Burnham and Bill Saccison, House Managers.

Brother J. O. Kammerman, our Chapter Advisor, retired this year as head of the Mine's Electrical Engineering Department, and now plans to divide his time between his duties of Professor of Electrical Engineering and trout fishing. Brother Art Colgan succeeds him as the new department head.

Our chapter strength now stands at 39 active and nine pledges. A smoker was held in the fraternity house on October 27, 1951 in order to acquaint the actives with prospective pledges. An initiation is scheduled for the first week in December at which time we hope to take in about a dozen pledges. At last spring's initiation, the following sixteen men

became actives of the chapter: Bob Bangs, Elmer Bierwagon, Lyle Clark, Tony DePaola, Bob Holling, Marvin Kiel, Francis Lyons, Clyde McPharlin, Duane Olbers, James Ornelup, Grove Rathbun, Ray Sauer, Victor Schwab, Ken Urban, Ed Vierling, and Mack Watt.

Omega Chapter's Spring Formal was held May 12, 1951 at the State Game Lodge with forty-five couples in attendance. Both the banquet and the dance were proclaimed a great success by all who attended.

This fall the chapter observed Founders' Day with an elk dinner served in the fraternity house on October 16, 1951. We were very pleased to entertain several of our alumni at this occasion.

Two of Omega's most recent alumni brought signal honors home to the chapter at the commencement exercises last June. Brothers Keith Graham and Vance Miller ranked first and second, respectively, in the entire graduating class.

Omega's entry in the annual M-Day parade this fall was awarded first prize. The theme of the winning float represented the progress from the freshman's bonnie to the miner's hat, symbol of the senior class. Twelve thousand napkins of various colors used to construct the float made it indeed attractive.

Omega Chapter again extends best wishes to all brothers in Theta Tau.

Yours in H & T

Gary Mader

Corresponding Secretary

## Gamma Beta Men Rule the Roost at G. W. U.



Gamma Beta sends sincere fraternal greetings to all Theta Tau. Under the leadership of Edward Caldwell, Regent; Edward Devitt, Vice Regent; Waldo Gorman, Treasurer; and

Richard Julius, Scribe, we expect the fine events of the beginning of this school year to continue. Dr. H. A. Miklofsky of the C. E. Department, who incidentally was initiated into Gamma Beta chapter when he was a student here, is our faculty adviser.

This summer was brightened by a picnic followed by a softball game in which all participated. The presence of a few trees scattered

about the infield gave even the girls a chance to get on base.

Marriage-entangled Brothers Richard Julian and Bob Smith this summer, and Brother Tom Matchler this fall. Appropriate "support" was given in each case by the active membership.

Twenty seven actives are on the chapter roll since the recent initiation when six outstanding students, Bob Bauman, Ben Anderson, Pete Caffee, Lowell Finch, William Wieldridge and Levena Zeigler were made Theta Taus.

The initiation dinner and dance were well attended, and many alumni were on hand, including Past Regents John Lewis and George Torrington. Delightful after dinner remarks by Brother Frederick M. Feiker, retired dean of our School of Engineering, and now Professor Emeritus, and Mrs. Feiker were thoroughly enjoyed. Dean Feiker read excerpts from a letter from Past Grand Regent Norman Ames, who is now in Zurich, Switzerland studying while on sabbatical leave for a year. "Deacon" Ames expressed his regret in the letter at not being able to attend the functions of the Fraternity and sent a greeting to all Theta Taus. We will be glad when he can again add cheer to our gatherings.

The annual shrimp feast and football

game has just been held; all members of the engineering societies were invited to attend and meet the Fraternity. A wonderful time was had by all (we are still stiff!). The quota was about two pounds of shrimp and many beers per person.

The Gamma Beta activities plaque was awarded this year to Tom Matchler. Tom was individual high scorer again this time in the intramural bowling league and helped the chapter win the tournament, along with "Bones" Boecraft, Dick Caldwell, Joe Kekas and John Lewis.

The George Washington University Engineers Council has a large Theta Tau representation this year as usual, with Brother Al Moe as president, Brother Fred Battle as Vice President, Brother Ben Anderson as Secretary and Brothers Flanagan, Caldwell, Norwood, Plyer and Hurd as additional members.

The *Mechelenic*, the engineering school magazine, has Brother Cluck Plyer as editor, Brother Al Moe as associate editor and Dick Caldwell as business manager, as well as having several other brothers on the staff.

Yours in H & T

John C. Held,

Corresponding Secretary

## Delta Beta Sponsors Honor System



Delta Beta is running with a full crew of 49 actives and 11 pledges. We of Delta Beta are proud to say

that all of the bids to pledges sent out this fall were accepted. The new pledges are: Bill Elder, Harry Showbill, Del Beunen, Bill Call, Carl Denker, Dick Meyers, Fred Olson, Lee Roy Haisman, Jack Kiper, Frank Kenny and Gerald Hollins.

The Chapter here is led by Eddie Green, Regent; Al Fine, Vice-Regent; Harry Castel, Scribe; Bob Tattar, Treasurer; Bob Ross, House Manager and Corresponding Secretary.

The fellows get their slide rules hot and have kept them that way to win the Omicron Delta Kappa trophy for scholarship in the school. In addition to their studies and work in the fraternity the men have found time to serve in the offices of President Veep, Treasurer, and Historian of Sigma Tau, and 17 other major offices in school. Charlie Sanders earned the slide rule and medal given by Sigma Tau for the top scholastic average in the Freshman and Sophomore years. The slide rule is probably worn out by now in keeping his 2.84 average out of a possible 3.0.

Founders' Day was observed here with a dinner dance given by the active members for the alumni. Steaks with refreshments and dancing following provided an evening of enjoyment.

Theta Tau has undertaken the great task of starting an effective honor system in the engineering school. The work is under the supervision of Gurnet Wade, Honor Chairman. We feel that promoting honor among the undergraduates of a college of engineering will help promote honor in our profession.

Professor Miles K. Northrup continues in the capacity of faculty adviser. His guidance helps us over many of the obstacles that befall an active fraternity.

We are glad to have Jim Boswell back with us after serving a year with Uncle Sam's Field Artillery. Jim will graduate in '13 instead of '12. We hope that Louis Meyer, John McBrayer, Bill Woodman, Walt Wood, and Marvin Pikenon can have the same luck as Jim.

Delta Beta sends its regards and best wishes to all Brothers in Theta Tau.

Yours in H & T

Bob Ross,

Corresponding Secretary

## Epsilon Beta's First Chapter Letter



Epsilon Beta Chapter extends its first fraternal greetings to the Brothers of Theta Tau.

Our active membership totals twenty members. We have a large pledging program planned for this fall semester with seventeen

boys being sent through Wayne University's Activities Office to new prospective pledges.

The high point of this fall semester's social events was our first Founder's Day Dinner Dance on October 26, 1911 at Ramblers Country Club near Detroit. After the steak dinner the chapter awards were presented on the basis of the spring semester's work. Charles Wales, now Vice-Regent, received both the Scholarship and the Most Outstanding Member Awards, while Regent Jim Moden accepted the Sports Award for the late brother Stanton Clarke, who was killed in an automobile accident last July. Paul Ortis, social chairman, presented comic awards to those whose unusual contributions to the chapter were worthy of recognition. Four hours of dancing and late-hour singing followed the program. Everyone had a good time and the dance was highly successful. Another social event was the invitation by Alpha Iota Sorority to their Mardi-gras held at the Book Cadillac Hotel in Detroit. Our chapter also attended a dance at Mary Grove College, an all girl college.

Membership in the founder societies is very highly advised in our chapter. All the members of our chapter are members of their respective societies, and a few are officers.

Nicholas Berer is president of the A.I.C.E., Paul Ortis is treasurer of I.A.S., William Fognini is treasurer of A.S.C.E., and Charles Wales is chairman of the Engineering Student Board. Robert Pease, Robert Winder and Charles Wales are members of Tau Beta Pi, with Pease as corresponding secretary and Winder as cataloguer. We also have two members of our chapter, Charles Wales and Richard Mickelson on Wayne University's Student Council.

We have been contracted to design and construct the booths for the Wintermarket, for the fourth straight year. The Wintermarket is a university-wide winter carnival in which about forty societies, fraternities, and clubs participate. Another coming event will be our annual touch football game and picnic with the Arabs (social) Fraternity.

Our main objective this coming year is to establish an active alumni association. If there are alumni or students from the other chapters coming to Detroit or who are in Detroit contact us because we would be very happy to greet you.

The chapter officers this year are: James R. Moden, Regent; Charles E. Wales, Vice-Regent; Jack F. Christopher, Treasurer; Richard Lynch, Scribe; William J. Fognini, Corresponding Secretary; James Congelliere, Marshal; Richard W. Mickelson, Outer ward; Leonard Stokes, Inner Guard. Our chapter adviser is Prof. Harold G. Donnelly of the Chemical Engineering Department.

Sincerely in H & T

W. J. Fognini

Corresponding Secretary

## Central A. A. Members in Prominent Rolls

Greetings from the Central Alumni Association. The big talk around Sigma Chapter is the new chapter home at 1846 Indianola Avenue, Columbus, Ohio. It is a dandy and is the result of the efforts of the fine Board of Directors of Sigma of Theta Tau Inc. This corporation consists of those members of Sigma Chapter and Central Alumni Association, who have paid up their building fund notes. The officers are: Charles Ray Ross, Pres., Harold White, Vice-Pres., and Emmert Knorr, Sec. and Treas.

The officers of the Central Alumni Assn. are: Charles Gustadner, Pres., J. K. "Jack" Dumbauld, Sec. and Treas., and D. S. "Tony" James, Executive member. We plan three big get-togethers each school year, Fall, Winter, and Spring. Our next get-together will be after the Homecoming game here Nov. 18 at the new Chapter House. Our last big party was held Nov. 25 at the Knotty Pine

Restaurant. (This was 1910.) A huge snow storm made the turn out only fair. The previously big party was held on May 27, 1910. Brother LeMay was guest of honor. A Sigma man, class of 1912, Brother LeMay is head of the Strategic Air Command at Offutt Air Force Base, Omaha, Nebraska. Recently Brother LeMay was promoted to the four-star rank as a full general. In August of this year he held the H. H. Arnold award as Aviation's man of the year.

Brother T. J. Kauer, Director of the Ohio Highway Dept. is responsible for setting up a program to enable young engineers to get training in the various branches of highway engineering from which they can choose the field of highway work they like best and in which they are the most proficient. Brother Kauer is also a member of the Ohio Turn Pike Commission. He has been a Vice-Pres. in the American Association of State Highway Offi-



cials. His Executive Secretary, Brother Charles P. Smith has a background of 23 years experience in the State highway dept. besides a long meritorious work as Chief of the Mediterranean Theater Section of the Operations Division of the War Dept., General Staff. He was awarded the Legion of Merit. Brothers LeMay, Kauer and Smith were classmates at Sigma Chapter back in 1928 and 1929 while

enrolled in the college of Civil Engineering.

Another engineer of note in the Columbus area is David C. Minton Jr. Chi chapter, 1930, who is Asst. Director of the great Battelle Memorial Institute—one of the greatest testing and research laboratories of its kind in the world.

J. K. "Jack" Dumbauld, Sec'y.  
Central A.A. of Theta Tau

## Cleveland A. A. Elects Officers

Officers of the Theta Tau professional engineering fraternity alumni chapter elected for the coming year are Henry V. Kominick '47, structural engineer, Austin Co., Cleveland,

grand regent. The organization plans informal luncheon meetings on the second and fourth Thursdays of every month at the Cleveland Engineering Society and is planning a disc-



Kominick '47, Bary '43, Vogel '11, McKinney '36, Rapp '42,  
Glas '24, Wellington '11

New Officers of Cleveland Alumni Association

president; James R. McKinney '36, architect, Christian, Schwarzenberg and Gaede Co., Cleveland, secretary; and Calvin B. Dalton '43, partner, Dalton-Dalton Associates, Cleveland, treasurer.

New members were initiated at a dinner meeting in Tomlinson Hall April 24. Featured speaker was Russell Glas, Cleveland, past

tory. Names for inclusion in it should be sent to McKinney at Room 715, 1836 Euclid Avenue.

Among those attending the affair were Robert E. Vogel '11, Mansfield; Joseph C. Wellington '11, East Cleveland; H. Bruce Bary '43, Brocksville and Edward G. Rapp '42, Lyndhurst.

## Intermountain Alumni Association Very Much Alive

The officers for the I.A.A. for the present year are John Wm. (Bill) Jenkins, President; Paul E. Wilson, Vice-President; and Reed G. Bills, Secretary.

The activities of the I.A.A. since our last correspondence with you have been a dinner meeting on the 14th of June with 15 members present. The speaker was Mr. Harold Blood of the Mountain States T & T who gave an illustrated talk on the "Gadgets of the Telephone Industry." On October 21, we held another dinner meeting with 20 members and 1

of their wives present. The speaker was Dr. Armand J. Eardly, head of the Geology Dept. at the University of Utah who spoke on "Geology of Oil in the State of Utah." Both meetings were very informative and a lively discussion followed each one.

At the present we are planning a newsletter to all our members and another meeting in January.

Yours in H & T

Reed G. Bills

## Southwestern A. A. Holds Founders' Day Meeting

On October 14, 1931 a meeting of the Southwestern Alumni Association of Theta Tau, Chi Chapter was held in the main dining room of the Santa Rita Hotel after the Founders' Day Banquet. The banquet was a very fine occasion with a good representation of the student members of Chi Chapter as well as the following list of alumni: Himmelman, Anthony, Tizard, Borgquist, Thornburg, Marum, Ogrian, Tsaguris, Newlin, Davis, Yappel, Lyons, Magee, Jack Lamb, and Gene Morris.

John Tsaguris, 2374 E. Sylvia, Tucson, Arizona, was elected the new President of the Alumni Association. Leon R. Magee, Supt. of Buildings and Grounds at the University of Arizona was elected Secretary.

Two members of outside chapters were represented at this meeting; Mr. Yappel, Delta, and Mr. Davis, Kappa. We felt very honored to have these additional chapters represented along with our Chi Chapter at this meeting.

R. L. Houston, member of Chi Chapter is at present in Korea with the armed forces. Ed Marum is operating his own engineering business in Tucson. Andrew B. Marum is with the Harold Ashton Construction Company in Tucson. Peter R. Kiernan is with the Bacclama-tion at Yuma. Mr. Kiernan was former regent of the student chapter.

Yours in H & T

Leon R. Magee, Sec'y.

Southwestern Alumni Ass.

## Twin City A. A. Sends Dictaphone Greetings To Schrader

Officers of the Twin City Alumni Association are still: President, Robert B. Aslesen; Vice-President, Robert J. Lunn, Secretary Treasurer, Roman N. Bretoi; Board Members: Roland R. Houghberg, and Herman E. Seibert.

The Founders' Day Banquet was held on October 17 at the Criterion Cafe in St. Paul.

Dictaphone recordings were made at the dinner and sent to Doctor William F. Holman, Honorary Alpha '14 and Erich J. Schrader, Alpha '01. Doctor Holman is in California and Erich Schrader is in Arizona.

Yours in H & T

Roman N. Bretoi, Sec'y.-Treas.

Lowell Thomas likes to tell how he was embarrassed at a newsreel showing one day. He had done the commentary on a scene in one of the Navy yards and also on a scene that showed a well-known society woman at the races. Somehow, the sound tracks got mixed up. The picture of the society woman came on the screen and Lowell Thomas' voice boomed out: "This old battleship will soon be hauled into drydock for repairs."

"Imagine!" snapped the stenographer, "a fellow last night asked me if I could dance!"

"What's so wrong with that?" asked her friend.

"I was dancing with him when he asked me!"

One lady passenger on the train asked the porter to open the window next to her. "Otherwise I'll suffocate," she said. The lady next to her protested, "If that window is opened, I'll freeze to death!"

"What would you do, boss?" the porter asked a traveling salesman seated nearby.

"Keep it closed for a while and suffocate the first one," muttered the salesman. "Then open it and freeze the other one!"

In 1970: Son: "What did people do for entertainment before radio and television, father?"

Father: "They had the quaint custom of reading books."

# Alumni Notes

## ALPHA

- STRONG, JOHN LAWRENCE, '03, for many years mining engineer with the Oliver Iron Mining Co. in Duluth, Minn., has moved to California and bought a home at 14 East Roseland Drive, La Jolla, Calif.
- LAURENCE, PHIL J., '13, past Grand Treasurer, is president and manager of the Florida Builders Service, 100 NE 1st Ave., Miami, Florida, and lives at 1201 Canale Ave., Coral Gables, Fla.
- GERSON, T. G., '18, formerly with Trust Trust Coal Co. is now president of the West Virginia Coal & Coke Corp., Cincinnati, Ohio, in the Atlas Bank Bldg.
- BRANKER, LLOYD V., '27, is now President of Associated Universities Inc., a non-profit organization formed by nine eastern universities to administer Brookhaven National Laboratory under contract with the U. S.

Atomic Energy Commission.

- GRUNTS, ROBERT R., '31, has been awarded one of aviation's highest honors, the Sylvanus Albert Reed Award for 1930. He is chief of the Pilotless Aircraft Research Division of the Langley Aeronautical Laboratory National Advisory Committee for Aeronautics, at Langley Air Force Base, Va.
- HENG, DONALD J., '35, is operating as the Don Heng Co., manufacturers agent for equipment in the petroleum industry. Home is at R 10, Old Wayzata Road, Minneapolis, Minn.
- MARQUARDT, ROBERT BURTON, '38, after six months duty with a Fleet Aircraft Service Squadron at the Naval Air Station at Alameda, Calif., was sent to Officers Candidate School at Newport, R. I. and expected to be ordered to fleet duty shortly.

## BETA

- BENSON, ANTHONY F., '03, has resigned as St. Louis County mine inspector after many years service. His home is in Virginia, Minn.
- DOUGLASS, THOMAS J., '04, has retired from business and is living at 12224 Hillside St., Studio City, Calif.
- VARNER, FRED, '08, is living at 140 Alamo, Sonoma, Calif. He has retired from active work as a mining engineer since his return from the Philippines where he was a major of the guerrilla forces on the island of Mindanao for over 4 years.
- FERRIS, ALBERT L., '11, is engineer for Mina El Tabasco, in Colombia, South America.
- ELLIOTT, GORDON, '12, lives at 222 West 9th, Long Beach, Calif.
- MILLS, C. E., '14, is now manager of the Ribby, Ariz. plant of Phelps-Dodge Co.
- BENIS, E. L., '19, supt. Canisteo Mine of the Cleveland Cliffs Iron Co. at Calverton, Minn., has resigned because of ill health and is now associated with Craigmyle, Finney & Co., Winter Park, Fla.
- HARRY, CHARLES M., '21, and Miss Helen Coleman were married in Escanaba, Mich., on August 18, 1931. The family home is at 380 Quincy St., Houghton, Mich., where he is assist. prof. of Mining Engineering at Mich. Tech.
- MORSE, CHARLES F., '27, is with the Manistee Salt Works, in Manistee, Mich.
- NILSEN, THEODORE A., '27, is district manager for the DeLaval Steam Turbine Co., in Houston, Texas, and lives at 2018 Sheridan, Houston.
- LEMA, GEORGE S., '29, lives in Jerome, Ariz.
- ROCKWELL, O. A., '29, general manager of the Calumet Div. of Calumet & Hecla

Cons. Copper Co. has been elected a Vice President of the company.

- BUCKER, JULIUS J., '32, has been appointed acting district construction engineer, District 7, of the Michigan State Highway Dept. with headquarters at Cadillac, Mich.
- SCHEIDT, H. H., '34, is superintendent of the Fronting Gold Mines Ltd. in Segovia, Antioquia, Colombia, S. A. He reports the birth of a son, Rolf Christian, on July 17, 1931.
- OLSON, ALLAN E., '31, is now production supt. of the Cliffs-Dow Chemical Co. in Marquette, Mich.
- LANGE, WILLIAM H., '36, is now City Manager of Port Huron, Mich.
- REH, IAN L., '36, geologist for the Oliver Iron Mining Co. is at the Duluth, Minn., office in the Wadwin Bldg.
- SMITH, DONALD MAURICE, '36, who also received a degree in Petroleum Engineering at Stanford in 1937, has offices at a consulting petroleum engineer at 729 East Willow, Long Beach, Calif., and lives at 174 Glendora, Long Beach.
- COSSOVY, PATRICK A., '37, reports the birth of a daughter, Patricia Anne, on April 1, 1931.
- MOWBRAY, NORMAN A., '38, is now supervisor of the mining engineering division of the Oliver Iron Mining Co. in Duluth, Minn.
- WYCOMB, EDWARD W., '40, is assistant controller Supt. at Chile Exploration Co., Chiquibambilla, Chile, S. A.
- FENLEY, HARRY C., '41, is now city-county engineer for Honolulu, and lives at 2884 Konaia Place, Honolulu, T. H.
- VAN EVERA, ROBERT W., '41, is with Reynolds Jamaica Mines Ltd., Lydford P.O., St.

- ANN, JAMAICA, R.W.J. He is chief engineer at a new bauxite mine.
- CAMPBELL, COLIN, '42, reports the birth of a son, David Lloyd, on May 6, 1951.
- MACARTHUR, BRUCE T., '42, is pilot for Charles Kettering of General Motors Corp. His permanent mail address is R.F.D. #2, Levering, Mich.
- RACINE, ROBERT J., '42, is now manager of industrial sales, Wyandotte Chemical Corp., Wyandotte, Mich.
- KEELLY, JOHN E., '43, is now manager of the ONYX Silica & Rock Wool Ltd. at East Templeton, Quebec, Canada.
- DECKER, EDWIN R., '44, is with the army engineers in Korea, and writes of meeting Capt. Brian B. O'Neill who is assigned to Engineer Stock Control, Japanese Logistical Command in Yokohama; and Major Larry Farnum, '41, is S-3, 2nd Engineer Combat Bn. These boys from Beta do get around.
- KELLY, LAURENCE P., '44, is ordnance engineer with the 4800 G. M. Wing at the Long Range Proving Ground, Patrick Air Force Base, Cocoa, Florida.
- SVENSSON, GEORGE W. JR., '44, received his Ph.D. at the University of Wisconsin in June and is now associate professor of electrical engineering at Washington University in St. Louis, Mo.
- BURDEN, HAROLD M., '47, is with Ingersoll-Rand Co. in Buffalo, N. Y., and lives at 22 Holt St., Westfield, New York.
- MCCOY, JOHN L., '47, is a public utility engineer with Jensen, Bowen & Farrell, Consulting Engineers, Newark, N. J.
- COUGHLIN, GEORGE M., '48, is a civil engineer with the Corps of Engineers, working in the office and field in the Detroit district.
- U. S. Engineers have offices on 27th floor, Cadillac Tower Bldg.
- KENTNER, HAROLD R., '49, is working as a development engineer for General Electric Lamp Department in Nela Park, Cleveland, Ohio.
- KENTNER, ROBERT, '49, and Miss Jo Ann Lippa were married on May 26, 1951, in Shaker Heights, Ohio.
- RINGOLD, SHELDON P., '49, received his M.S. in metallurgy at Notre Dame in June and is employed by the E. I. DuPont Co. at the Argonne Laboratories in Lemont, Illinois.
- WOMEN, WILLIAM T., '49, reports the birth of a daughter, Teresa May, in February. The new home of the family is at 121 Lucinda Lane, Walnut Creek, California.
- LIONARD, DONALD J., '49, is now with U.S. Graphite Co. in Buffalo, New York, mailing address c/o company, 1621 Holland Ave., Saginaw, Mich.
- TERVO, FRED E., '49, is with U.S. Gypsum in Louisville, Ky., 431 E. Burnett St.
- BERGER, THOMAS E., '50, is a junior engineer at the Detroit Arsenal, and lives at 4443 Yale, Oak Park, Ferndale, Mich.
- DAVISON, DONALD E., '50, is with the U.S. Bureau of Ships in Washington, D. C.
- DUNNICK, RAYMOND E., '50, is a research fellow with the Ontario Research Foundation in Toronto, Canada.
- MESONKE, JAMES J., '50, and Mary Joyce Adams were married in Hancock, Mich., on June 2, 1951. They are living in Flat, Mich., where he is junior engineer with the J. A. Utley Construction Co.
- MOSKOW, J. TOM, '50, is in the army and at Aberdeen Proving Ground in Maryland.

## GAMMA

- JONES, E. F., '50, has left Cia. Real del Monte in Mexico and can now be addressed at Box 86, Von Army, Texas.
- DOUGLAS, WILLIAM C., '51, Vice Pres. and Manager, Kelowna Exploration Co. has returned to Hedley, B. C., Canada, from the company's New York office.
- HERRICK, OTTO, '51, has completed the special work in Washington, D. C., and is back home in Salt Lake City at 173-101 Ave., Apt. 67.
- MATHISON, KENNETH H., '51, consulting engineer for New York Honduras Rosario Mining Co., where he was general manager for many years, has a new home at 28 Polo Drive, Colorado Springs, Colo.
- DYKENSFORTH, DONALD, '52, lives at Forbell Drive, Norwalk, Conn.
- LUKE, RUSSELL P., '54, wants mail sent to him at Wittenoom Gorge, Western Australia.
- WINGFIELD, JOHN H., '57, now has office at 518 State Office Bldg., Denver, Colo.
- McWHORTER, CLERIC E., '24, is now at the main office of the Goodman Mfg. Co. in Chicago, Ill., but mail should be sent to his home at 347 North Elm St., Hinsdale, Ill.
- KING, WILLIAM H., '27, chemical engineer for the Socony-Vacuum Co. Inc., has a new home address for mail at 558 Park Ave., Woodbury, N. J.
- WELLS, THOMAS L., '29, is now addressed at Box 211, Middleburg, Va.
- ZWICK, BEN F., '28, can be addressed c/o L. T. Smith, 1427 Pruitt St., Ft. Worth, Texas.
- McLAREN, R. L., '32, is a partner in the Texas Seismograph Co., Penhandle Bldg., Wichita Falls, Texas, and lives at 1002 Speedway.
- ZWICK, WALTER H., '32, Major USA, is back in the Service and is on duty with the 417th Engineer Aviation Brigade at Ft. Huachuca, Ariz.

- OSBORN, CLYDE E.**, '33, Chief Sales Engineer for the Western Machinery Co. of San Francisco, Calif., wants mail sent to him at "Cherwood" Banchbush Square, Kings Cross, Sydney, New South Wales, Australia.
- BALLEN, CHARLES N.**, '34, managing director AEON International Corp. in New York City, lives at 31 Saddle Ranch Lane, Hillsdale, New Jersey.
- LAY, DENT L.**, '35, Lt. Col. USA, received his M.S. at Ohio State in June. Mail for him should be sent to his home at 1901 Krameria St., Denver 7, Colo.
- ABRAMS, GEORGE H.**, '36, mine supt. of the Riverside Cement Co. gets his mail at P.O. Box 102, Oro Grande, Calif.
- OLSON, ROBERT L.**, '38, is now manager in Butte, Montana for the Ingersoll-Rand Co. and gets mail at P.O. Box 1922.
- REPLEY, GEORGE H.**, '36, is now manager of the Sunflower Ordnance Plant of the Hercules Powder Co. in Lawrence, Kansas.
- SHARPE, C. L.**, '36, reports the birth of a daughter, Kimberly Ann, on February 12, 1931. He is superintendent of U. S. Gypsum operations at Guelph, Ontario, Canada.
- MEYER, GENE**, '37, is with the C.S.M. Research Foundation and home is at 7763 Westview Drive, Denver 15, Colo.
- MULLINAX, JACK D.**, '37, Pres. Mullinax Eng. Co. is addressed at 421 West Works St., Sheridan, Wyoming.
- RISER, HUBERT E.**, '37, is an instructor in mining at the University of Kansas while doing graduate work. The home and mailing address is 1714 Mississippi, Lawrence, Kan.
- DUMBLE, R. M.**, '40, Capt. USA, is back in the army and can be addressed at Box 274-B, Rt. 1, Alexandria, Va. He is an instructor at Ft. Belvoir, Va.
- FILLO, PAUL V.**, '40, engineer for the Olson Construction Co., lives at 3611 East 8th, Denver 10, Colo.
- KARINS, FRED ADAMS**, '40, is agency manager for the Bankers Life Ins. Co., Continental Bank Bldg., Denver, Colo., and lives at 48 Sherman, Denver.
- NAEGL, FRED A.**, '40, Capt. USA, is now with the ROTC unit at the Colorado School of Mines in Golden.
- PARK, EVERETT M.**, '40, is mine superintendent for U. S. Vanadium Co. at Uravan, Colo.
- THORNTON, HERRBERT D.**, '40, Sec'y. McElroy Ranch Co., oil producers, is now addressed at Box 392, Bruckneridge, Texas.
- EDWARDS, F. CLINTON**, '41, is district engineer for the Humulala Oil Co. P.O. Box 1204, Levelland, Texas.
- WOOD, ARTHUR G., JR.**, '41, field engineer for the Portland Cement Assn. gets mail at 1260 Ames St., Denver, Colo.
- BOUSMAN, WILLIAM H.**, '42, engineer for the Stearns-Rogers Mfg. Co., is at their Denver office and home is at 3693 1/2 Sheridan Blvd., Denver, Colo.
- KIRKICH, GEORGE A.**, '42, formerly supervising geologist for the U.S. International Boundary at Alpine, Texas, is now assistant professor of geology at the University of Arizona, Tucson. He received his Ph.D. at Arizona in 1947.
- MANN, FRANCIS W.**, '43, is assistant district supt. of the Production Pipe Line Department, Standard Oil Co., Council Bluffs, Iowa, where his home is at 242 Elmwood Drive.
- RUDOLPH, E. S.**, '43, can be addressed c/o The Texas Co., Star Route, Midland, Texas.
- SHELLTON, WILLIAM F.**, '43, associate engineer for Humble Oil & Refining Co., is now at the Houston office and lives at 1744 Banks in Houston.
- HEDELMO, THOMAS C.**, '44, has become mine shift-boss for U. S. Vanadium Corp., and can be addressed at Box 865, Uravan, Colorado. He also reports that in January, 1949, he was married to Rena Coxgrande of Telluride, Colo., and that they now have a daughter, Karen, born January, 1950.
- KING, BEN H., JR.**, '47, Process Engineer, The Texas Co., can be addressed at General Delivery, Groves, Texas.
- McKEEVER, J. H.**, '47, geologist for Stanolind Oil & Gas Co., can now be addressed at South Railway and Loene Sts., Regina, Sask., Canada.
- SPAIN, WILLIAM F.**, '47, 4004, mgr. Yankee Mines Inc., is now at 118 Village Lane, Boise, Idaho.
- BROWN, CHARLES W.**, '48, who has been with Atlas Powder Co., has been called back in service and wants his mail sent to his home at 3922 West 28th Ave., Denver, Colo.
- FISHER, S. J.**, '48, reports the birth of a second son, Gregory Stephen, on May 20, 1951. Brother Fisher is with the Mt. Fuel Supply Co., as a petroleum engineer, and gets mail at Box 1129, Rock Springs, Wyoming.
- McCLEARY, HENRY G.**, '48, Asst. Party Chief, Stanolind Oil & Gas Co., gets mail at Box 148, Lamesa, Texas.
- NICKERSON, KENNETH W., JR.**, '48, geologist for the McElroy Ranch Co., can be addressed at P.O. Box 912, Midland, Texas.
- SMITH, WILLIAM R.**, '48, is with the U. S. Bureau of Mines and can be addressed at 866 North 12th St., Laramie, Wyoming.
- TAYLOR, I. R.**, '48, is with the Atomic Energy Commission at Grand Junction, Colo., and lives there at 510 1/2 North 16th St.
- ARNOLD, RICHARD J.**, '49, junior exploration engineer for Shell Oil Co., can be addressed at Box 271, Donaldsonville, La.
- COWAN, JOHN G.**, '49, Lt. USA, is stationed with the 40th Engineer Petroleum Dist. Co., Ft. Leonard Wood, Mo.
- ESTES, MARVIN HENRY**, '49, is District Engineer for Frigidaire Sales Corp. in Denver,

- Cole, 215 Waver Market. Residence is 1006-16th, Denver, Colo. He is the author of an article in the Mines Magazine on air-conditioning in the Mineral Industry which is becoming of increasing importance in deep and hot mines.
- McMINN, ROBERT E., '49, design engineer for Black, Sivalls & Bryson, is now located in Oklahoma City where he can be addressed at 2301 Fairfield Ave.
- ALLEN, THOMAS A., '30, is now 2nd Lt., CE "A" Co. 44th Bn. CCA, 9th Armd. Div., Ft. Leonard Wood, Mo.
- BOOTH, STEPHEN J., Jr., '30, announces the birth of a daughter, Terrie Ann, born March 12, 1951. He is with the Gardner-Denver Co., 2401 Main St., Kansas City 8, Mo.
- LEVIN, CHARLES W., '30, is working on the Chemical & Metallurgical Program, General Electric Co. Bldg. 22, Room 234, Schenectady, N. Y. Home is at Strickland Village, Apt. 9-D2, Schenectady, N. Y.
- KOEN, NORMAN, '30, with Black, Sivalls & Bryson of Kansas City, is now addressed at Box 278, Sidney, Nebraska.
- MARTIN, RICHARD G., '30, is chief computer for Petroleum Consultants Inc., and is addressed c/o the company at Great Bend, Kansas.
- PETROCCO, JOHN, '30, is with Sohio Petroleum Co., Fort Morgan, Colo.
- REESE, DOUGLAS L., '30, junior geologist, Mountain Fuel Supply Co., lives at 1011 McKinley St., Rock Springs, Wyoming.
- SHENK, M. L., Jr., '30, Service Engineer for the Independent Pneumatic Tool Co., is now located in Carlsbad, New Mexico, and the family home is at 206 Vine street.
- WARREN, JASPER N., '30, engineer for the Brazos Oil & Gas Co., wants mail sent c/o the company, 1404 City National Bank Bldg., Houston, Texas.
- BOATRIGHT, BERON B., Hon., has changed his address in Austin, Texas, to Perry-Brooks Bldg.
- GRANT, LESTER S., Hon., has moved his residence to 1727 West Kiowa St., Colorado Springs, Colo.
- WARREN, S. P., Hon., has left the Defense Minerals Administration and can be addressed at his home, 1400 Country Club Road, Lakewood, Colo.

## DELTA

- PAYTON, OWEN B., Jr., is supt. of Plant #1, Victrolux Instrument Co., Cleveland, Ohio.
- FREEMAN, HARLEY, '37, now lives in Daytona Beach, Florida.
- GEORGE, JOHN F., '37, has moved to Zephyrhills, Florida.
- KLAUTENMEYER, PAUL HERBERT, '39, is with the DuPont Co. and living on Greenwood Road, Fountain City, Tenn.
- FISH, RUSSELL C., '22, general manager of the M. A. Hanna Co. is now at the Cleveland office in the Leader Bldg.
- BEHREN, WILLIAM P. von, '21, is now Manager of Engineering, Traffic Appliance Division, General Electric Co., Edison Bldg., Toledo, Ohio, and home is at 2725 Denmore Drive, Toledo.
- SKILLMAN, JOHN F., '27, is on the production controls staff, N.P.A., 1000 Department of Commerce Bldg., Washington, D. C.
- YONG, PAUL F., '27, member of the firm of Studz & Yong Inc., has moved his office to 16415 St. Clair Ave., Cleveland, Ohio.
- KEMBLE, EDWARD DUSTON, '28, manager of the air conditioning department of General Electric Co. in Bloomfield, New Jersey, lives at 259 South Harrison, East Orange, New Jersey.
- CARLE, H. EDWARD, '29, is district manager of the Lincoln Electric Co., 22 Wabach St., Pittsburgh, Pa.
- ALLEN, WILLIAM R., '32, is with the Nicholas Equipment Co., Bellevue, Ohio.
- ZUCCH, CLARENCE F., '32, research metallurgist for the Dow Chemical Co., reports the birth of a son, David Henry, in Pittsburg, Calif., where the family home is at Apt. 296, 252 East 8th St.
- CRAWFORD, WILLIAM A., '39, is head of a section of the design division of E. I. DuPont & Nemours & Co. in Wilmington, Del.
- SWARTWOUT, DENTON K., '40, reports the birth of Denton K. IV, in Chagrin Falls, Ohio.
- AMBROSIO, HARRY J., '41, assistant professor of hydraulic engineering at the University of Tenn., has a year's leave of absence to work on a Ph.D. at the University of Iowa.
- DORRIS, ROBERT C., '41, is a district engineer for Gwiler-Knoop Co., in Wyncote, Pa.
- LEACHMAN, ROBERT, '42, is on the staff of the New Mexico Scientific Laboratory at Los Alamos, New Mexico.
- SOWERA, GEO. B., '42, at Georgia Tech, reports the birth of Carol Adair, December 11, 1950.
- THOMAS, JOHN R., '42, gives his address as c/o Ethiopian Imperial Highway Authority, P.O. Box 1770, Addis Ababa, Ethiopia. He is to be Senior Sanitary Engineer and has been advanced in rank to Commander. He wrote the Grand Scribe his family would be with him.
- WRIGHT, EDWARD H., '42, is general foreman, New York Central Railroad, Englewood Engine House, Chicago, Ill.

- BAHUTI, ALBERT L.**, '43, is at the radiological safety branch, Code 5-955, U. S. Radiological Defense Lab., San Francisco, Calif.
- MARTIN, RICHARD J.**, '43, with the Oetor Mfg. Co. of Cleveland, lives at 769 Columbia Road, Bay Village, Ohio.
- REITZ, JOHN R.**, '43, is at the New Mexico Scientific Lab. at Los Alamos, New Mexico. He received his Ph.D. at Chicago in 1949.
- YOUNG, JACK M.**, '43, is with the patent law firm of Hyde, Meyer, Baldwin & Moran in Cleveland and home is at 1677 Lynnfield Road, Shaker Heights, Ohio.
- OSCAR, NATHAN**, '44, who is engineer-estimator with the Oscar Co. of Cleveland, Ohio, reports the birth of a daughter, Sharon Jill. The family home is at 4419 Silby Road, Cleveland Heights, Ohio.
- ROY, HOWARD**, '45, chief engineer with Harsburg & Scott in Cleveland, reports the birth of a son, Stuart Allen.
- BAGGEMILL, DAVID R.**, '46, lives at 2817 E. Washington Ave., Madison, Wis.
- BARRETT, DAVID M.**, '46, is with the Picker X-Ray Corp., Waite Mfg. Division, in Cleveland, Ohio.
- TOUSLAY, ARTHUR H.**, '46, is engineer for Permanente Metals Corp. in Oakland, Calif., where he lives at 3319 Walnut St.
- GREEN, THOMAS A., JR.**, '47, is with the radiation laboratory of the University of California in Berkeley. He reports the birth of a son, Stuart Hadden, Feb. 9, 1951. Tom received a Ph.D. at the University of Geneva in 1950.
- HAAS, RICHARD**, '47, is in the lighting division of the general office of General Electric Co. in Lynn, Mass.
- RUBIN, MELVIN S.**, '47, has started his own business under the name of the R & M Heating & Air Conditioning Co. in Cleveland and lives at 2448 Eaton Road, Shaker Heights, Ohio.
- ROSE, LEONARD**, '48, now lives at 133 East Court St., Palmyra, Ohio.
- NEUBCKER, THOMAS**, '49, is an engineer with the Duquesne Power & Light Co., in Pittsburgh, Pa.
- KEAR, WILLIAM B., JR.**, '49, sent word of the birth of a daughter, Sally Ann, but not when or where.
- BIGGAR, JOHN M.**, '50, is with Reliance Electric in Cleveland. In Dec., 1950, he was married to Margery Dean Stouffer in Lakewood, Ohio.
- DEBBECINI, THOMAS**, '50, is an Ensign USN at Suislaw, Md.
- MILBURN, GEO. P.**, '50, is at the University of California Radiation Lab. in Berkeley and home is at 918 Lexington Ave., El Cerrito, Richmond, Calif.
- PAPE, LARRY**, '50, is now an Ensign USNR. Mail should be sent to 14664 Superior Road, Cleveland Heights, Ohio.
- STANLEY, ANDREW G.**, '50, Ensign USN #519484, wrote that in October 1950 he was married to Donna K. Lemasters of Madison, Ohio.

## EPSILON

- McMILLAN, WILLIAM DOUGLAS**, '51, is engineer supervisor with the U. S. Bureau of Mines, New Customs Bldg., Denver 2, Colorado, and lives at 801 Grant, #207, Denver.
- SCIENCK, HUBERT G.**, '52, former Col. USA in Japan, is the new head of the Marshall Plan aid mission in Taipei, Formosa.
- PENNERAKER, E. N.**, '54, lives on E. McDowell Road, Phoenix, Ariz.
- ROTT, EDWARD H.**, '56, representative of Joy Mfg. Co., can be addressed at Apartado 7, Caracas, Venezuela.
- McGHEE, RALPH A.**, '57, has left the Union Oil Co. where he was a division superintendent, and has opened offices as a consulting petroleum engineer in Bakersfield, Calif. Home is at 3911 Skyline Blvd., Bakersfield, Calif.
- CARBONELL, WM. L. JR.**, '58, is mining engineer with the U. S. Bureau of Mines in Rolla, Mo., and lives at 601 West 14th St., Rolla.
- GOLDMANTH, LOUIS R.**, '52, is now manager of the Manufacturing-Technological department in the New York main office of the Shell Oil Co. He has been with Shell since 1952 and previously had been manager of the Wilmington Refinery for the company. Present address, 50 West 30th St., New York City.
- BOURKE, WESTON**, '54, is now chief of the minor and rare metals branch, DMA Supply Division, in Washington, D. C., and lives at 7204 Ramsgate Road, Woodacres, Maryland.
- BEJNEKMAN, JOHN HOWARD, JR.**, '55, is geologist for the Magnolia Oil Co., Magnolia Research Laboratory, Dallas 1, Texas, and lives at 2800 NW Highway, Dallas, Texas.
- THOMAS, CONRAD W.**, '54, is now mining engineer for the Atchison, Topeka & Santa Fe Ry., with headquarters in Los Angeles.
- PRICE, PAUL M.**, '57, is now with the Calera Mining Co., Cahalt, Idaho.
- VANQUEE, CARLON**, '44, petroleum engineer, is now with the firm of Manger, Villa & Harder, in Bogota, Colombia.
- WILLEY, LAWRENCE**, '47, is doing laboratory research for Standard Oil & Gas Co. in Tulsa, Oklahoma.
- THOMAS, KIMBERLY**, '48, is doing geophysical work for Shell Oil Co. in Miles City, Mont.

## ZETA

- CILE, LAWRENCE E., '16, is now in the New York office of the American Metal Co. Home continues to be at 666 Pierpont St., Ridway, New Jersey.
- GUINNEY, KENNETH H., '19, sent in a new home address at 4607 Connecticut Ave., Washington, D. C.
- ENDACOTT, PAUL, '23, is now president of the Phillips Petroleum Co. in Bartlesville, Okla., and Stanley Learned, '24, was made Vice President and assistant to the president.
- CAMBERN, THEODORE J., '21, is now a partner in the firm of Howard, Needles, Tammen and Bergendoff, important firm of consulting engineers in Kansas City, Mo. Home is at 218 West 79th Terrace, Kansas City, Mo.
- KENNEDY, ALEX S., '21, former president of the K. C. Alumni Assn., has moved his office to Room 291, Union Station, Kansas City 3, Mo., very convenient for any H & T men who have some time to kill between trains in Kansas City.
- KING, RALPH M., '21, and family have moved to Stuttgart, Ark., and mail may be addressed to them at P.O. Box 107.
- MCGEE, DEAN A., '26, and CLAWSON, W. W., '21, were awarded the Erasmus Haworth Awards for Distinguished Service in Geology, by the Geology Dept. of the University of Kansas at the April, 1931, meeting of the American Association of Petroleum Geologists.
- KREBSHILL, K. R., '26, edits and publishes the McPherson Daily Republican, in McPherson, Kansas. He was drawn into the business by his father and in 1944 bought the paper from his Dad.
- SHIRLING, GEORGE K., '26, is now equipment engineer for Southwestern Bell Telephone Co., in St. Louis, Mo. Home is there at 9819 Berwick Drive.
- NICHOLS, RALPH W., '27, sent in a home address at 2710 N.W. 33rd St., Oklahoma City, Okla.
- HARVEY, W. A., '32, reports the birth of a daughter, Nancy Ann, on January 21, 1931. Bill is now safety director of the Pueblo Ordnance Depot, and home is at 2120-8th Ave., Pueblo, Colo.
- WOOD, CLARK L., '32, Col. USAF, is now with the 1001st Composites Wing, APO 731, c/o Postmaster, Seattle, Washington.
- BRYAN, RONA, '35, is a member of the firm of Bryan & Dorer, in Nashville, Tenn. Home is at 1613 Glen Echo Road.
- OLIPHANT, HOWARD A., '34, is manager of the Seattle branch of appliance sales for General Electric Co., Hope Bldg. Home is at 4110-48th NE, Seattle, Wash.
- RUSSELL, ROBERT ALDEN, '37, is assistant mechanical engineer in the power department for Black & Veitch, 4704 Broadway, Kansas City 6, Mo., and lives at 4113-W-111st Terrace, Kansas City 3, Kansas.
- JANEEN, HERMAN A., '39, has completed his work at the University of California and is now district engineer with the Kansas State Board of Health with headquarters in Chanote, Kansas.
- KURTIS, DWIGHT D., '40, is with Butler Mfg. Co., and lives at 1309 Paseo, Kansas City, Missouri.
- MITCHELL, ALEXANDER, '40, now also an M.D., is associated with Dr. Lester Bowles at Clifton, Kansas. He lives in Clyde, Kansas, where they also have offices.
- PALMER, HOWARD G., '41, reports a new baby in the family, and a new home at 319 N. Florissant Blvd., Ferguson 21, Mo.
- SHAAB, DAVID E., '44, is now with Lutz & May, Consulting Engineers, in Kansas City, Mo., and the family home is at Lake Forest, Edwardsville, Kansas. He reports the birth of a second son, Christopher Evans, on April 9, 1931.
- LEARNED, DON R., '41, is now resident controller of the Ford Assembly Plant, Ford Motor Co., Hapeville, Georgia, a suburb of Atlanta. Home is 1929 Cummings Drive SW, Atlanta, Ga.
- NELSON, LEE, '47, is now at 651 N. Estelle, Wichita, Kansas.
- BORENE, MORRIS E., '48, and family live at 10816 Sharon Lane, Shawnee, Kan.
- MEREDITH, ROBERT, '48, reports the birth of a son, James Arthur, on August 6, 1930. The family home is at 4121 Alicia Drive, San Diego, Calif.
- ANGSCHUTZ, GLENN W., '50, is at HQ Co., 2nd Schol Bn., Ft. Belvoir, Va.
- RICHARDS, I. M., '50, is geologist and core analyst for the Phillips Oil Co. and can be addressed c/o the company at San Roque Camp, Apartado 19, Barcelona, Venezuela.
- CROWL, DWANE M., '51, is with the Metropolitan Aircraft Co. in Van Nuys, Calif., and home is at 14442 Haynes St., Van Nuys.
- CUNNINGHAM, HAROLD A., '51, is with the Phillips Petroleum Co., and the family home is at 2748 N 33rd, Kansas City, Kansas.
- HARRIS, RICHARD H., '51, and family are in Wilkinburg, Pa. where he is with Westinghouse Electric Corp. The residence is at 809 Wood St., in Wilkinburg.
- CARROLL, NORMAN L., '52, is with Westinghouse and mail should be sent to him care of Westinghouse Educational Center, Ardmore Blvd. & Brinton Road, Pittsburgh 21, Pa.



## ETA

- MUTHER, WALTER P., '13, is with the Potter Press, 133 South Street, Waltham, Mass. Home is at 133 Gibbs, Newton, Mass.
- LEER, HENRY LORENT, '13, assistant to the President of the North American Rayon Co., 281-1th Ave., New York 18, N. Y. has a new home at Walnut Hill Farm, Gladstone, New Jersey.
- LUNN, JOHN A., '17, Howard A. McClinic, Jr., '19, and David A. Shepard, '26, have been elected for five year terms as members of the M.I.T. Corporation.
- ROSS, RALPH, '17, is living in East Orange, N. J.
- CARPENTER, DONALD, '22, is again with the E. I. DuPont Co., and living in Mendonhall, Pa.
- LISSAK, ORMINO, '30, is now in Dearborn, Michigan.

## THETA

- WOODWORTH, S. E., '14, has moved his metallurgical office to 200 South St., Sausalito, California.
- KEMP, JAMES T., '16, is now at 1422-16th St. N.W., Washington 7, D. C.
- WENLEY, ROGER L., '16, was one of the men honored at Alumni Medalist at the June Commencement of Columbia University.
- CLENDENIN, THOMAS F., '21, lives at 2731 Silver St., El Paso, Texas.
- DUNLIP, GORDON E., '32, has a new address at 118 Highwood Ave., Lenox, New York.
- HUGHES, CHARLES VON ODEN, JR., '37, who has been on the West Coast for some years is now with the Virginia-Carolina Chemical Corp., phosphate mining division, at Fort Meade, Fla.
- WALTER, JOSEPH H., JR., '38, can be addressed at 111 Busham Road, Cincinnati 13, Ohio.
- HAULEY, WILLIAM A., '40, has been promoted to Assoc. Prof. of Mechanical Engineering at Columbia University.
- MYRA, ARTHUR F., '40, lives at 44 Hayes St., Cambridge, N. J.
- LEON, ALEXANDER SAENZ, '42, lives at 13 Forest Drive, Hilldale, N. J.
- STENKE, JOHN J., JR., '42, has home at 610 Midland Road, Oradell, N. J.
- VAN METRE, RUSSELL E., '42, is now at 1974 Coe St., Cincinnati, Ohio.
- LOPEZ, KENNETH M., '43, has a new address at Avenida Libertador General San Martin 130, Buenos Aires, Argentina, S. A.
- SCHUBERT, ROBERT W., '43, is now in charge of the mechanical design staff at the Watson Scientific computing Laboratory for International Business Machines Corp. Mail should be sent to 341 West 236th St., Riverdale 63, N. Y.
- SMITH, ROBERT L., '43, is at 11 Norman Road, MR 87, Binghamton, N. Y.
- BECK, HENRY CHARLES, '44, is mechanical engineer, Scientific Staff, Columbia University Physics Dept., Nevis Cyclotron Laboratory, Box 117, Irvington on Hudson, and home is at 4311 Ely Ave., New York 46, N. Y.
- BURNS, JAMES F., JR., '44, has office at 2 Rector St., New York 6, N. Y.
- MUMKA, V. F., '44, and the Mandelk of New York were married May 2, 1938. He is in the Central Engineering Dept. American Cyanamid Co., 30 Rockefeller Plaza, New York City, and the family home is at 19 West 98th St., New York 23, N. Y.
- MACLAREN, DONALD D., '43, lives at 2313 Mount Ave., Scotch Plains, N. J.
- HARRIS, JEROME R., '43, lives at 423 East 86th St., New York City.
- BUGLER, ROBERT J., '46, is at 7 Perkins Manor, Apt. #4, Jamaica Plain 30, Mass.
- SARBER, AUGUST E., '46, is an instructor in engineering at Trinity College, Hartford, Conn.
- FISHER, ROY D., '48, is addressed at 59 Sedgwick St., Springfield, Mass.
- SUTTON, ROBERT M., '48, and Carol E. Trumbauer were married on May 12, 1951, in Cranford, N. J.
- JOHNSON, HERBERT J., '50, can be addressed at P.O. Box 102, Capitol Station, Albany, New York.
- READ, GEORGE A., '50, is an engineer in the technical section of the DuPont Co. at Seaford, Del., and lives at 9132 Hollis Court Blvd., Queens Village, N. Y.
- WEST, JOHN M., '50, and Miss Margarida Pyles were married on Feb. 3, 1951. Home is at 308 West 103rd St., New York City, while he is studying for his Master's Degree at Columbia University.
- FISHER, HAROLD A., '51, works for the Granite Steel Co., Granite City, Ill. Mail should be sent to 3100 Heath Ave., Bronx 63, New York.
- OSBORN, ARTHUR VON, '51, is employed by C. Fiske & Co. as a production supervisor. Mail should be sent to 4122 Wickham Ave., Bronx 66, N. Y.
- PETERSON, CHARLES W., '51, is employed as a development engineer by the Texas Oil Co., and his mailing address is 3047 Perry Ave., Bronx 67, N. Y.

## IOTA

- GRUETA, FRED, '16, gives his home address as Apt. 103, 1181 Ridge Ave., Evanston, Ill.
- AH, KENNETH, '17, is addressed at Sci. No. 11, Caracas, Venezuela.
- SHRYVER, RAY O., '17, is with Feeney Construction Co. and lives at 2807 Sherman Ave., St. Joseph, Mo.
- GOLICK, A. FRANK, '18, gives his business address at P.O. Box 68004, Chicago 30, Ill. His home is at 4810 Dorchester Ave., Chicago.
- NOLTE, WM. J., '20, gets his mail at Box 319, Rt. #3, Ft. Worth, Texas.
- SPONER, O. E., '20, has his office at 300 Court Arcade Bldg., Tulsa, Okla., and lives there at 1228 South Columbia Place.
- TERRY, MARK L., '20, lives at 4311 South Atlanta Place, Tulsa, Okla.
- CHARLES, B. E., '21, is with Nevada Scholastic Inc., Reno, Nev.
- BARNWELL, GEORGE F., '22, lives at 871 Park Ave., New York City.
- GETTLER, WARREN R., '22, has his home at 1874 Clay St., San Francisco 18, Calif.
- MEYER, W. H., '22, has his home at 121 Bakay Delta, Collinsville, Ill.
- TEVIN, CHARLES C., '23, is with the Missouri State Highway Dept. and lives at 1606 C Jefferson Hts., Jefferson City, Mo.
- SCHMIDT, K. A., '23, 1119 Millard, Houston, Texas.
- BLAKE, PHILLIP L., '24, lives at 187 The Alameda, Berkeley, Calif.
- BAKER, DONALD R., '25, has his business address at 1001 Fairfax Rd., Kansas City, Kan., and lives at 1800 West Smith, Blue Springs, Mo.
- CUNNINGHAM, G. C., '21, lives at 739 St. Louis, Edwardsville, Ill.
- CUTLER, LLOYD A., '27, has a new address at 603 N. Larch St. R.R., Webster Groves 19, Mo.
- BARCLAY, A. H., '28, gets his business mail at 2657 Short St., Los Angeles, Calif., and lives at 224 East Markland Drive, Monterey Park, Calif.
- BOYER, PHILLIP J., '28, is with Combined Metals Reduction Co., Felt Bldg., Salt Lake City, Utah.
- GAERER, THEODORE C., '28, can be addressed at Louisiana Ordnance Plant, Shreveport, La.
- MCCANLESS, WILLIAM A., '28, is with the Merced Gunney Road Dept. and lives at 17 East 17th St., Merced, Calif.
- MCCAW, R. F., '28, is with Radio Corp. of America in Camden, N. J. and lives at 201 Windsor Ave., Hackensack, N. J.
- CLARK, MARTIN L., '29, is with the Mine La Motte Corp. in Fredericktown, Mo., and gets mail at R.F.D. #3, Farmington, Mo.
- BAKTON, JAMES E., '30, is assistant chief, Design and Construction Region 8, Bureau of Reclamation, Billings, Montana, and his home is at 139 Howard Ave., Billings.
- HAFNER, RAY J., '31, is working for the Gordon Hamilton Coast Co., 122 E 42nd St., New York City, and lives at 280 Whitford Ave., Morley, New Jersey.
- MAKIN, WILLIAM H., JR., '31, is at 205 Niblick street, Point Pleasant, New Jersey.
- PAGE, CLIFFORD F., '31, is chief engineer for Denver Equipment Co. in Denver, Colo., and lives at 1181 South Madison St., Denver 16, Colo.
- BRATMAN, R. A., '32, has his office at 1304 Carey Tower, Cincinnati, Ohio.
- HALL, EDWARD D., '32, is with the Babcock & Wilcox Co., Barbours, Ohio, and lives at Reimer Road, Rt. 2, Wadsworth, Ohio.
- EDMAN, JOE W., gets mail at Box 38, Mt. Clare, Ill.
- IRWIN, WALTER J., '34, is with Sobis Pipe Line Co., and lives at 9921 Lilac Drive, St. Louis County 13, Mo.
- SPENGLER, W. R., '34, with Armet International Corp., lives at 506 Ardmore Drive, Middletown, Ohio.
- MURPHY, JAMES J., '31, has his business at 4376 Olive St., St. Louis, Mo., and lives at 6178 Perching, St. Louis.
- MEYER, L. W., '36, now gets mail at 1423 Duffield St., Pittsburgh 4, Pa.
- SCHWALBERT, W. H., '38, is with Toledo Edison Co. and lives at 3824 Maxwell Road, Toledo 13, Ohio.
- TURN, J. CLAY, '36, at the Kodak Park Works, Rochester 4, N. Y., lives at 14 Lakewood Terrace, Rochester 13, N. Y.
- DICKINSON, GEORGE W., '37, gives P.O. Box 28, Littleton, Colo., as his business address and lives at 1208 Pitzer Canyon Road, Littleton.
- DUTTON, DONNELL W., '37, lives at 463 E. Wesley Road, N.E., Atlanta, Ga.
- LOGAN, E. W., '37, is with Emerson Electric Co., 8100 Flouriant Ave., St. Louis, Mo. His home address is 7 Granvue Dr., Belleville, Ill.
- CORNEY, ROY C., '38, Lt. Col. USA is with AGO, Dept. of the Army, Washington 25, D. C. and gets mail at 1310 Eighth Road South, Apt. 3, Arlington, Va.
- EVANS, JAMES D. F., '38, is with T.C.I. in Bessemer, Ala., and his home address is Box 346, Rt. 1, Birmingham, Ala.
- LEGRAND, JESSE S., '38, is with the Federal Telecom Labs, 700 Washington, Nutley, N. J. and lives at 148 Innes Road, Wood-Ridge, New Jersey.
- MULLER, FRED M., '38, gives his present mailing address at c/o Kullian Corp., P.O. Gohindpur, Hazaribagh, Bihar, India.
- FRANCE, HERBERT L., '38, can be addressed at Box 168, Caruthersville, Mo.

- STOKES, HOMER R., '38, lives at 8118 Underhill, St. Louis, Mo.
- SWANSON, WILLIAM F., '39, is with Jos. T. Ryerson & Son, 1 Clinton St., St. Louis 6, Mo., and lives at 27 Orchard Lane, Kirkwood 22, Mo.
- TETLEY, ALBERT L., '39, is with T.C.I., Highlands Div., Birmingham, Ala.
- BROWN, GUY JR., '40, is engineering representative for Bethlehem Supply Co., 1918 Alamo National Bldg., San Antonio, Texas, and gets mail at his home, 47 Cromwell Drive, San Antonio, Texas.
- BOURCISIER, PAUL J., '41, is with the Avonist Co. at Gustine, Calif.
- CROCKETT, WILLIAM E., '41, is a manufacturer's representative and lives at 1211 N. Arlington Ave., Indianapolis, Ind.
- FELLS, ROBERT E., '41, is mechanical engineer at the Atlantic Refining Co., Box 2819, Dallas, Texas, but wants mail sent to his home at 9111 Lismet Lane, Dallas 9, Texas.
- HACKER, ALLEN G., '41, lives at 1878 East 7th, Connersville, Ind.
- JAMES, HENRY T., '41, is Soy Bean Production Mgr., Rabison Purine Co., 831 South 4th St., St. Louis, Mo.
- STYENS, HARVEY C., '41, with Shell Pipe-Line Corp., can be addressed at Box 2648, Houston, Texas.
- WAMPLER, HAROLD R., '41, is supt. of the Oxide Plant, American Zinc Co. of Illinois, at Hillshiro, Ill. His mail should be sent to 309 King St., Hillshiro, Ill.
- BLACK, CHARLES S., '42, is engineer for Caterpillar Tractor Co. of East Peoria, Ill., and lives at 228 Sharon St., Morton, Ill.
- BRADSHAW, GEORGE V. JR., '42, is Engr. Group Leader, Govt. Radiation Section, RCA Victor Div., Camden, N. J. Home is at 1241 Floyd Walk, Camden 4, N. J.
- BURBANK, R. SIMEY, '42, works at 409 South Pope, Benton, Ill., and lives there at 608 West Reed St.
- DAVIS, GEO. P., '42, is Plant Manager, Harrison Abrasive Div., of Metals Disintegrating Co. Inc. at Manchester, New Hampshire, but mail should be sent to his home at 4 Kennerly St., Manchester.
- WOLFF, LEONARD G., '42, is back in the Navy and is addressed at 4022 Mt. View Drive, Bremerton, Wash.
- ANDERSON, WILLIAM B., '43, has been opening up a new coking coal mine in southern Colorado, and can be addressed c/o Colorado Fuel & Iron Co. P.O. Box 116, Pueblo, Colo.
- GUMANN, R. K., '43, is now with U. S. Gypsum Co. in Chicago, Ill., and his home address is 9011 Wandanere Ave., Brookfield, Illinois.
- CORNBAUD, CLIFFORD A., '43, is in charge of the U. S. Gypsum Co. at Sigard, Utah, but gets mail at Box 187, Elmore, Utah.
- DOERRER, J. H., '43, is with the Great Lakes Carbon Corp., Arvada Bldg., St. Louis 1, Mo., and lives at 1920 Fillmore, St. Louis.
- McMATH, RIMBERT P., '43, is now 1st Lt. USA, 0-00403 14q, 302nd Engr. Avn. Bn., APO 970, San Francisco, Calif.
- NEUSTADTER, JAMES A., '43, has business at 230 Park Ave., New York City, and lives at 47-40 41st St., Long Island City 4, N. Y.
- RUSSELL, EMIL T., '43, is now living at 2172 N. 47th St., Milwaukee, Wis.
- SELY, O. R., '43, has a new address at 3943 N.E. 34th Ave., Portland 13, Ore.
- SPINNER, LEO G., '43, is with the 174th Combat Engrs., Camp Cooke, Calif.
- FRED, EDWARD STEVE JR., '43, is Capt., U.S. Marine Corps, Hq. 5th MCAS, Quantico, Va. Mail should be sent to his home address at P.O. Box 188, Orient, Illinois.
- STUMBAKER, D. J., '43, is at present with the Standard-Vacuum Oil Co., Sumatra, Indonesia, but mail should be sent to him at Humansville, Mo.
- THOMAS, GEORGE HARDING, '43, lives at 16436 Jersey St., Quincy, Ill.
- DICK, C. A., '44, is Branch Mgr., Martin Perry Corp., Huntington, West Virginia, and lives there at 2018 Emulow Blvd.
- FLOEMER, ALAN P., '44, is design engineer with U. S. Gypsum Co. in Chicago, Ill.
- HENNINGS, PAUL J., '45, is Project Eng. with Shell Oil Co. at Wood River, Ill.
- PAULTER, ROBT. L., '45, is now research engineer for the Barry-Walsh Miller Mach. Co., 4640 Florissant, St. Louis, Mo. Home is 2111 Erich St.
- RANKIN, ROBERT C., '45, is a design engineer for the St. Louis & Southwestern Ry. Co., and gets mail at P.O. Box 611, Tyler, Texas.
- SPARKIN, B. J., '45, is with Westinghouse Electric Co., and lives at 144 Orchard Drive, Pittsburgh 11, Pa.
- SCHMIDT, ROBERT F., '45, is employed by the H. Kramer Co., 21st and Loomis, Chicago, Ill., and lives at 1016 W. Wayne St., Ft. Wayne, Ind.
- MATHEWS, RALPH A., '46, is a design engineer in the William G. Krannacher plant of Monsanto Chemical Co. at Monsanto, Ill.
- MEYER, ARTHUR R., '46, is a structural engineer with Swarding & Parcel Inc., 593 Olive St., St. Louis, Mo., and lives at 3433 Sublette, St. Louis.
- BUTLER, HAROLD G., '47, has a new address at 2222 Hilldale Drive, Route 1, Jefferson City, Mo.
- GOODWIN, RED E., '47, with Standard Oil & Gas Co., can be addressed at P.O. Box 1140 Midland, Texas.
- LITTLE, J. EDWARD, '47, is now with the Missouri State Highway Dept. and lives at 728 E. High St., Jefferson City, Mo.
- MILLER, GEORGE J., '47, is at Carnegie Tech working for his M.S. His mailing address is

- Apr. 207, 4131 Forbes St., Pittsburgh 13, Pa.  
**RANSA, JAMES W.**, '47, is a student at the Fuller Theological Seminary and can be addressed at 1174 E. Felona St., Pasadena, California.
- RAY, ROBERT L.**, '47, is with Jos. T. Ryerson & Son, 616th and Hollis, Emeryville, Calif., and lives at Apt. 9, 2315 Grant St., Berkeley, Calif.
- CRORY, R. ALLEN**, '48, now lives at 241 Indianwood Blvd., Park Forest, Ill.
- HACKMANN, ROBERT E.**, '48, is with Union Electric Co., 7 Collinsville Ave., East St. Louis, Illinois.
- HEER, JOSEPH T.**, '48, is employed in the engineering patent dept., Wagner Electric Corp., 6409 Plymouth, St. Louis, Mo., and lives at 1941 Brownleigh Drive, Berkeley, Missouri.
- HOWELL, RICHARD B.**, '48, is with Bethlehem Steel Co. in Bethlehem, Pa., and his address there is 8-D, Parkhurst Apartments.
- LINDQUIST, ELMO G.**, '48, is resident engineer for Ford, Bacon & Devin, Box 1247, El Dorado, Ark.
- NEUWAEHNER, KENNETH E.**, '48, is metallurgist in the Johnstown Plant of the Bethlehem Steel Co., and lives at 404 State St., Johnstown, Pa.
- PERCETT, RAY**, '48, is in the Wichita District Office of the Marsh Steel Co., and gets mail at 1818 Volusia, Wichita, Kansas.
- ZWIRIDA, M. C.**, '48, with Shell Oil Co., can be addressed at Box 181, Waltham, Mass.
- BENNETT, C. W.**, '49, is with the W. R. Knight Machinery Co., 3920 West Pine, St. St. Louis, Mo., and is assistant plant supt. Home is at 7373 Liberty Ave., University City, Mo.
- MORLOCK, ROBERT F.**, '49, is with The Texas Co., and his address is Box 666, El Campo, Texas.
- POPFITZ, REINHOLD A.**, '49, is in the army US 11018864, in the Signal Corps, 9459 TSU, Ft. Monmouth, N. J.
- POUND, IVON JR.**, '49, is Dept. Head, Dwight & Lloyd Sintering Dept. A.S. & R. Co., East Helena, Montana, and lives at 1321 Harrison, Helena, Mont.
- REILLY, JOHN GAY, JR.**, '49, announces the birth of a daughter, Gay Anne, on Feb. 14, 1951, and she is the grandchild of John Gay Reilly Sr., Int. '37. Junior is metallurgist with St. Joseph Lead Co. at Bonne Terre, Mo., and the family home is at 110 S.W. Main St., Bonne Terre.
- RENS, JOSEPH J.**, '49, is with the Monsanto Chemical Co., in Miamonia, Ill., and lives at 7922 S. Grand Ave., St. Louis, Mo.
- SCHMIDT, F. MERRAY**, '49, is in the Army at present at Ft. Monmouth, N. J., but mail should be sent to his home, 486 N. Lincoln St., Hinsdale, Ill.
- TELFORD, HAROLD M.**, '49, is with the Missouri Portland Cement Co., 9401 River-view Drive, St. Louis 11, Mo., and gets his mail at Apt. D, 1798 South Broadway, St. Louis 11, Mo.
- WILES, THOMAS**, '49, reports the birth of Thomas Perry Jr. on April 23, 1951. Tom is with the Ashland Oil & Refining Co. and home is 3208 Louisa Heights, Catterburg, Kentucky.
- BARRITT, JACK R.**, '50, can be reached at 1914 Maple Drive, Springfield, Mo.
- ECKERLY, FRED H.**, '50, is metallurgist with the Aluminum Co. of America in Massena, New York, and lives there at 11 Monroe Parkway.
- HEATH, DONALD**, '50, has completed his graduate work at the University of Pennsylvania, and is with the Ohio Brass Co. Mail can be sent to 181 3rd St. N.W., Barbours, Ohio.
- MARIE, GEORGE**, '50, lives at 2319 Fernwood, Ann Arbor, Mich.
- SHEELTON, GERALD C.**, '50, is now at 710 1/2 Lead St., Albuquerque, New Mexico.
- WEINSTEIN, WILLIAM**, '50, is now with Frederic R. Harris, Inc., Consulting Engineers, as a field engineer, and gets his mail at 45 Nison Court, Brooklyn, N. Y. He returned recently from Anchorage, Alaska.
- BULLOCK, RICHARD**, '51, is with New Jersey Zinc Co., Gilsum, Colo.
- DYBLEN, JOE**, '51, is with Emerson Electric Co. in St. Louis, and home is at 5133 Page St., St. Louis, Mo.
- FAIRCHILD, WILLIAM W.**, '51, is at 214 Claremont Place, Cranford, N. J.
- FRIEDMANN, CHARLES L.**, '51, is with National Lead Co., Henderson, Nev.
- GOULD, DAVID S.**, '51, is a metallurgist with Laclede Steel Co., Alton, Ill., and lives at 1827 Rock Springs Drive, Alton, Illinois.
- JONES, WILLIAM R.**, '51, is now Pfc. USA #AF 12512798, Flight 1156, Sqd. 3728 Lackland AFB, San Antonio, Texas.
- KENNEDY, HARRY EUGENE JR.**, '51, and Miss Ann Allen of Kolla were married May 8, 1951. He is mechanical engineer with the Ralston Purina Co., 2314 Rochester, Kansas City, Mo., and home is at 1300 12th St., Kansas City.
- KWADAN, EDWARD J.**, '51, is in the Navy, BJO USS Wm. T. Powell, Pier 213, Navy Yard Pier 3, Philadelphia, Pa.
- MALLOD, RICHARD G.**, '51, is working at the Oak Ridge National Laboratory but mail should be sent to him at 5137 Murdoch, St. Louis, Mo.
- MEINERS, DON A.**, '51, gets mail at 7349 Huntington Drive, St. Louis, Mo.
- PEARSON, WALTER O.**, '51, is employed by McDonnell Aircraft Corp., and gets mail at 2166 State St., Granite City, Ill.
- POWELL, JOE R.**, '51, wants mail sent to him at Eldon, Mo.
- ROEMERMAN, RICHARD J.**, '51, has his home

at 4413 Laclede, St. Louis, Mo.  
 SHAW, SAMUEL III, '11, is with American Cyanamid Co., and lives on Koeler St., Whiteville, Mo.  
 SHOFNER, SYRILLING DEAN, '11, is in the Production Dept., Mexico Refractories Co., and lives at 221 East Love, Mexico, Mo.  
 STRALITZ, VAL H., '11, can be addressed at The Plains, Virginia.  
 TARANTOLA, BRUCE E., '11, is at 3578 Landon, St. Louis, Mo.

THEISMAN, WILBERT K., '11, is living at Warrington, Mo.  
 THOMAS, JOHN C., '11, is home at 4729 Ashland Court, St. Louis, Mo.  
 WINTERS, JOHN FREDERICK, '11, is with St. Joe Lead Co. of Pennsylvania, but his mailing address is Mason, Mo.  
 ZUMETER, R. E., '11, is with DuPont in Wilmington, Del., but mail should go to 720 Van Buren, Quincy, Illinois.

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## KAPPA

TUTHILL, JAMES P., '17, is District Engineer in Chicago for the Illinois State Highway Dept. with offices at 160 N. La Salle.  
 NOLAN, JOHN T., '18, is assistant chief mining engineer for the Oliver Iron Mining Co., in Virginia, Minn.  
 PETER, STANLEY D., '18, is president of the Peter Supply Co. of Paducah, Ky.  
 WEITENHAYER, JOHN L., '18, is mechanical engineer for the U.S. Naval Ordnance Test station in Pasadena, Calif., and lives at 1914 N. Verdugo Road, Glendale, Calif.  
 WHITE, LEONARD N., '21, is now on the staff of the Arkansas Resources and Development Commission as flood control engineer, Little Rock, Ark.  
 McCLELLAND, RALPH L., '22, is at 115 East 7th St., Normal, Ill.  
 HAWORTH, HARRY S., '23, is a chemical engineer with Standard Oil Co. of Indiana at Wood River, Ill.  
 STRIKE, CLIFFORD S., '24, and Sali Godard were married on November 23, 1950, in Hartford, Conn. He is president of the F. H. McGraw Co. in Hartford.  
 RICH, FRANCIS MARION, '24, has left the Kaiser Steel Co., and is now Works Manager for the Inland Steel Co., Indiana Harbor, Ind.  
 DINGLEBY, PAUL G., '25, M.S. '29, assistant to the president of the Pennsylvania Power Co., New Castle, Pa., has been elected a director of the company. He has been with this company or affiliated companies since 1925.

CANNON, ROBERT S., '28, electrical engineer with the Plantation Pipe Line Co. in Atlanta, Georgia. He had been with Crooks Petroleum Corp. in Venezuela.  
 GERRIS, WILLIAM F., JR., '28, is vice president of the Michelmann Steel Construction Co., of Quincy, Ill.  
 McKESEY, EDWARD DANIEL, '27, is a design engineer for the Standard Oil Co. of Indiana in Whiting, Ind. Home is on Radnor Lane, Lincolnshire, Crete, Illinois.  
 LABELLE, WALTER E., '30, has been named general manager of the fabricated steel construction division of the Bethlehem Steel Co. in Bethlehem, Pa.  
 LOWAN, ARTHUR L., '31, Lt. Col. USAF, has been appointed director of communications and electronics of the First Airforce at Mitchell AFB, New York. His home is in Middleboro, Mass. In the service since 1952 he is a senior pilot and a graduate of the Armed Forces Staff College. He served overseas for 29 months.  
 TIFFANY, JOSEPH B., '32, is now assistant director of the Waterways Experiment Station at Vicksburg, Miss.  
 NAUMAN, ARTHUR C., '34, Lt. Col. USA, is at Elmendorf AFB, Fort Richardson, Alaska, in command of the 825th Engineer Aviation Group.  
 MERLE, WILLARD A., '36, and Helen Krage-lund were married Sept. 2, 1950 in Glendale, Calif. Home is at 5418 Linda Vista Terrace, Los Angeles, Calif.

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## LAMBDA

CAULFIELD, JOSEPH PARNELL, '22, has returned from the Arctic Circle to become General Manager of the Utah Copper Co., Division of Kennecott Copper Corp., in Salt Lake City, Utah. This is the largest copper mine in the U. S. Home is at 1813 Michigan Ave., Salt Lake City, Utah.  
 CHRISTENSEN, ALLEN DERRINGER, '27, has been

made Vice President and General Manager of the Utah Construction Co. with headquarters at 1 Montgomery St., San Francisco, Calif. Home is at 131 Fair Oaks Lane, Atherton, Calif.

MARSHALL, WILLIAM ROBERT, '32, is Mineral Consultant to the Government of Brazil, and can be addressed c/o Bureau of Mines,

AMERICAN EMBASSY, Rio de Janeiro, Brazil.  
 ANDERSON, RAYD E., '35, with the American Smelting & Refining Co., has been transferred from the Tacoma plant to Garfield, Utah.  
 MAYN, CHARLES W. JR., '11, is now 2nd Lt.

USA. He wrote to the Grand Scribe that he expected to be stationed at the anti-aircraft artillery school at Ft. Bliss, Texas, until November. Mail should be sent to his permanent address, P.O. Box 2511 Fort Douglas, Utah.

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DAVID, FRANK L., '22, roll #1, is still District Engineer for Southern Bell Tel. & Tel. Co. in Columbia, S. C., and lives there at 218 Windsor St.  
 DANIEL, KENNETH R., '36, now chief engineer with the American Cast Iron Pipe Co., 2910 North 16th St., Birmingham, Ala., lives at 309 Glenwood Drive, Birmingham, Ala.  
 COBB, WILLIAM F. JR., '19, a chemical engineer, is Vice President of the Mammath Coal Co. in Jasper, Ala. Home address is now Manchester Star Route, Jasper, Ala.  
 BYRD, KENNETH D., '40, is consulting engineer for the J. W. Goodwin Engineering Co., 211-75th Ave., South Birmingham, Ala. and lives at Apt. A-2, 1301 South 20th St., Birmingham.  
 COBB, JOSEPH L., '42, lives at 1101 Valleyview Drive, Birmingham, Ala.  
 ELLIS, ELON E., '42, asst. general sales mgr. with Timber Structures Inc. in Portland, Ore., lives there at 3144 NE 43rd Ave.  
 HEATON, ROY GORDON, '42, is an electronic engineer in a laboratory at 11 Leon St., Boston, Mass.; home is at 14 Bernesdale Road, Natick, Mass.  
 ACKERMANN, K. G., '43, is employed by the Mines Engineering Co. in Chicago, Ill., and lives at 5715 South Kenworth Ave., Berwyn, Ill.  
 OSOR, W. W., '43, is the manager of the In-fants Diaper Service, 2940 4th Ave., South, Birmingham, Ala., and lives at 2911-10th Ave., South, Apt. #3, Birmingham.  
 DWYER, JAMES J., '43, is employed at the office of the Chemical Officer, Dept. of the Army, Washington 25, D. C., and his home address is 1801 Belvedere Blvd., Silver Springs, Md.  
 SMITH, J. ED., '43, is with Algenon-Blair Contractor, Montgomery, Ala. He is on a job at Ft. Campbell, Kentucky at present and can be reached there at P.O. Box 64.  
 CROCKETT, DAVIS W., '44, is aero dynamics engineer for the Chance Vought Aircraft

Corp. in Dallas, Texas, and lives at 124 Parkview, Arlington, Texas.  
 HENDERSON, FRANK C., '46, gives his mailing address at Windmill Hill, Bradford, Conn.  
 REY, WILLIAM K., '46, is assistant professor of engineering mechanics at the University of Alabama, University, Ala.  
 OWEN, CHARLES R., '47, gives his mailing address at 221 North 9th Ave., Portsmouth, Virginia.  
 DEMILLER, WALTER E. JR., '49, is control chemist with Hollingsworth & Whitney Co., in Mobile, Ala., and lives there at 26 Macy Place, Mobile 19.  
 ACKER, RICHARD NORRIS, '49, is industrial engineer with the Packard Electric Division of General Motors Corp. in Warren, Ohio, and has his home there at 471 Washington St. NE.  
 BEAY, JOHN W., '49, is now a Lt. in the U.S. Airforce at Keesler AFB, Miss., but asks that mail be sent to 1674 Gaston Ave., Montgomery, Ala.  
 QUINN, JAMES E., '49, formerly with General Motors, is now with the Pensacola Paper Co., Pensacola, Florida, and gives his mailing address at Star Route #3, Port St. Joe, Florida.  
 DICKSON, CHARLES, '50, is with Continental Gilt Co., Birmingham, Ala.  
 MURPHY, WM. D., '50, is with Robm & Han, Huntsville, Ala. Home is in Decatur, Ala.  
 BROAD, ROBERT L. JR., '51, is with General Electric in Schenectady but mail should be sent to Brownsburg, Ala.  
 BROWN, JAMES R., '51, is with the E. I. Du-Pont Co., Wilmington, Del.  
 CROWDER, WILLIAM E. JR., '51, is with North American Aviation Co. in Los Angeles, Calif.  
 FORTER, JOE S., '51, is with Robm & Han in Huntsville, Ala.  
 HARRIS, JOSEPH E., '51, is with the Tenn. Valley Authority but mail for him should be sent to Alexander City, Ala.  
 INCHIC, CARSON G. JR., '51, is with E. P. Incho & Son, Birmingham, Ala.

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CUTBERT, WILLIAM R. JR., '21, is chief engineer for the Traas-Traser Coal Co., Kayford, West Virginia.

FISHER, CARL W., '21, is now Commercial Manager for the Pittsburgh Railway & Motor Coach Co., 431 6th Ave., Pittsburgh,

- Pa. Home is at 88 Oregon Ave., Pittsburgh.
- MAJOR, JOH. C., '24, who was ill with a heart attack for six months, is back as Chief Industrial Service Branch, Western Air Procurement District, for U. S. Air Force, 31 N. Arroyo Parkway, Pasadena, Calif.
- SCHUCHERT, JOSEPH S., '25, is manager of the sales department of the Duquesne Light Co. in Pittsburgh, Pa. Home is 1943 Dalewood, Pittsburgh.
- COOK, FRANCIS W., '26, is general superintendent of the Burnett Construction Co. of Philadelphia, Pa., and home is on Valley Green Road, Whittemarsh, Pa.
- WIEREL, ARTHUR VANCE, '28, is president of the Tenn. Coal, Iron & Ry. Co., Boogie-Mark Bldg., Birmingham, Ala., and lives there at 2617 Heathermore Road.
- KEEVIN, PAUL J., '28, is now Director of Sales for Timken Roller Bearing Co., Canton, Ohio.
- OLSON, ARNE O. B., '30, is manager of the newly formed Resins and Plastics Dept., a unit of the Chemical Plant Division of the Blaw-Knox Co., Farmers Bank Bldg., Pittsburgh, Pa.
- DUDGE, JAMES H., '31, lives at 1104 Audubon Road, Grosse Pointe Park 30, Mich.
- KINLEY, MILAS A., '32, Lt. Col. E.C. USA, is Deputy Chief of Development and Engineer, Ordnance Tank-Automotive Center, Detroit, Mich.
- KOLB, HARRY D., '32, is with Esso Standard Oil Co., 11 West 11th St., New York 19, New York.
- HARVEY, JOHN M., '34, is now living in Battle Creek, Mich.
- LOWREY, F. THOMAS, '34, is project engineer for the Ross Engineering Co., Pittsburgh, Pennsylvania.
- CREDIT, CHARLES E., '35, lives at 14 Brookside Ave., Winchester, Mass. He is author of a new book "Vibration and Shock Isolation", J. Wiley & Sons, Pub.
- HERRON, JAMES W. JR., '35, is now assistant general sales manager for the H. H. Robertson Co., Farmers Bank Bldg., Pittsburgh, Pa., and lives at 1229 Beeler, Pittsburgh.
- LEIGHTON, RICHARD C., '36, lives at 17 Farmworth Ave., Bordenstown, N. J.
- BRINER, LEWIS D., '37, reports the birth of a son, David Patrick, May 16, 1931. Lewis is with the Industrial Engineering Dept. of U. S. Steel Co. Home is at 4809 Briery Court W., Pittsburgh, Pa.
- DAUGHTON, GLENN B., '37, has his address at Quarters #94, U. S. Naval Academy, Annapolis, Md.
- ROLAND, HENRY, '37, (Formerly Henry Ryshock) is with DuPont in Wilmington, Delaware.
- BLAIR, CHARLES L., '38, is associated with the Applied Physics Lab. of John Hopkins University in Silver Springs, Md.
- MULLER, H. E. JR., '39, is now getting mail at Box 824, Diana Road, Ogdun Dunes, Gary, Indiana.
- FRANCKIG, WILLIAM R. B., '41, is now chief engineer of the Pittsburgh Regional Planning Association.
- WEIN, CARL W., '41, received his Ph.D. at the University of Delaware in June, 1933, and is now with Chas. Pfister & Co. in Brooklyn, N. Y. Home is at 94-68-217th St., Queens Village, N. Y.
- MCALLER, WILLIAM K., '42, announces the birth of a son, William Harrison, on February 14, 1931.
- MILLER, DAVID H., '42, is project engineer with the Jones & Laughlin Steel Co., 3rd and Ross Sts., Pittsburgh, Pa., and lives at 121 Cohasset, Pittsburgh.
- MILLER, WILLIAM D., '42, is chief of the operations division of the Kentucky Area Office of the Atomic Energy Commission with headquarters at Paducah, Ky.
- MOORE, DONALD A., '42, now lives at 625 Forest Ave., Ann Arbor, Mich.
- KEX, DAVID J. III, '42, is staff engineer for the Diamond Alkali Co. in Painesville, Ohio. Home is on Broadmoor Road, Mentor, Ohio.
- WILLIAMS, MAX L. JR., '43, was awarded a Ph.D. at Cal Tech in 1930.
- NEAM, ROBERT E., '44, 9136 Shelley Ave., Overland 14, Mo.
- NEWTON, WILLIAM H., '44, can be reached c/o The Warren Corp., 901 Ridge Ave., Pittsburgh 12, Pa.
- ORINGER, EARL W., '44, has been promoted to Weld Design Consultant and Supervisor of Technical Training for the Lincoln Electric Co. of Cleveland, Ohio.
- SEGER, JOHN S., '45, received a Ph.D. in Chemical Engineering from Columbia University in 1930. He is a fellow at the Mellon Institute of Industrial Research in Pittsburgh, Pa.
- WOLFE, MIRLE T., '46, and Ellen Margaret James were married Oct. 21, 1930. He is plant industrial engineer of the Pyrament Mold Plant, Detroit Works of Aluminum Co. of America. Home is at 4507 Groveland Ave., Royal Oak, Mich.
- BAER, JAMES F., '47, is assistant engineer for G. A. Heft & Co., Consulting Engineers, 820 Union St., New Orleans, La.
- GILLER, SAMUEL L., '47, and Miss Rose Leatherwood of Houston were married August 26, 1930. They are building a home in Memorial Drive Area of Houston, Texas. The address is 18799 Bridlewood, Houston 24, Texas.
- HALLE, EDWARD VON, '47, is development engineer for Carbide & Carbon Chemical Co., and lives at 117 E. Vanderbilt Drive, Oak Ridge, Tenn.
- MELLOYT, CLOYD R., '47, is a law clerk for Scott & Neely, Union Trust Bldg., Pitts-

- burgh. He graduated from University of Pittsburgh Law School recently and has been admitted to the bar.
- NICOL, DAVID L. JR., '47, is associate research engineer with the Institute of Gas Technology in Chicago, and home is at 3140 South Michigan, Chicago 16, Ill.
- SENIGAL, VANER L., '47, is a research engineer for DuPont in Wilmington, Del.
- WIRER, KARL III, '47, graduated from West Point and is now with the army in Germany.
- ANDERSON, RICHARD M., '48, is district manager of the Subsurface Engineering Co., 1108 W. Washington St., Midland, Texas. He reports the birth of a son on March 14, 1951.
- BUCKENSTAFF, WILLIAM H., '48, lives at 218 Dan Drive, Mt. Lebanon, Pa.
- DUNNY, JAMES O., '48, left California and can be reached at 217 S. Dallas Ave., Pittsburgh 2, Pa.
- FRANK, JAMES E., '48, is staff assistant, Bell Telephone Co., Warren, Pa.
- MCGHEE, EDWARD M., '48, has left Pittsburgh and is now living at 8018 Woodlawn Ave., Chicago 17, Ill.
- O'BRIEN, DENNIS J., '48, is with the National Tube Co. in Lorain, Ohio, as a process engineer.
- SAWARD, JOHN E., '48, now resides at 7236 South Vernon Ave., Chicago 19, Ill.
- SMITH, JOHN R., '49, reports the birth of a daughter, Linda Suzanne, and home is at 74 East Bridge St., Berea, Ohio.
- BENTON, HERBERT G., '49, reports the birth of a daughter on January 18, 1950. He is now assistant terminal manager in Cleveland for the Baltimore & Pittsburgh Motor Express Co., and home is at 14229 Kennerdown St., Cleveland, Ohio.
- DOWNEY, ROBERT, '49, is a foreman for General Electric Co. in Schenectady, N. Y.
- LEVY, CARL E., '49, is a financial analyst for Ford Division of Ford Motor Co., and home is at 18421 Greenfield St., Detroit 33, Michigan.
- PAUSTIAN, ROBERT J., '49, and Miss Rosemarie Knott were married on June 17, 1951. He is assistant scheduling foreman with the White Motor Co., and home is at Apt. 404, 1847 East 87th St., Cleveland 6, Ohio.
- SLYE, MILO W., '49, was recalled to active duty in the Navy as an instructor in electronics.

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## OMICRON

- EDWARDS, FRANK W., '28, is on leave of absence from Illinois Tech, and has been appointed General Manager of the Centennial of Engineering 1952, 17th Street and South Shore Drive, Chicago 37, Illinois.
- HALL, CLARENCE CARL, '52, Lt. Col. EC, USA, is District Engineer, Dept. of the Army, Corps of Engineers, Wright Bldg., Sacramento, Calif., and lives at 2117-1st Ave., Sacramento.

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- MARTIN, SAMUEL TILDEN JR., '26, is president of the Danville Laundry Co. in Danville, Va. where the family home is at 329 College Ave. He has twin sons who are now 11 years of age.
- SALDEN, ROBERT E., '27, lives at 2114 Riverside Drive, Lakewood 7, Ohio.
- VIA, WARREN W., '28, lives at 411 Charlotte Ave., Buck Hill, S. C. He reports the birth of a son, Warren Jr., December 19, 1950.
- OWEN, LLOYD T., '38, can be addressed at R.F.D. #4, Lenape Road, West Chester, Pennsylvania.
- MASON, EDWARD F., '39, gets mail at P.O. Box 613, Richmond 1, Va.
- RATHBUN, KENNETH C., '42, lives at 211 Westgate, West Cambridge, Mass.
- MAY, JAMES E., '43, winner of the first Scholarship Award by Theta Tau is assistant professor of mechanical engineering at the University of Virginia, University, Va.
- COYLEN, AVERY, '47, announces the birth of a daughter, Edith Reed on November 28, 1950. He is part time lecturer in electrical engineering at the University of Virginia.
- HATCHER, RICHARD L., '47, has been in the Orient for several years. At the present time he is with the Chase National Bank in Tokyo after being expelled from Shanghai when the Reds took over. His permanent address is 137 N. Norwood St., Arlington, Va.
- MARKWOOD, THOMAS WILSON, '47, of Charlottesville, Va. and Miss Mary Jane Fortman, of Schuler, Virginia, are married.
- STALEY, W. WARNER, '47, has a new home at RFD #1, North Shore, Pasadena, Md.
- BATTY, HARRY, '48, reports the birth of a daughter, Deborah Ann, on December 8, 1950.
- BOLTON, A. R. JR., '49, is at the Naval Ordnance Laboratory in Washington, D. C. Home is in Manchester Gardens, 1110 Tahuma Drive, Silver Springs, Md.



COFER, JOHN '49, reports the birth of a son, John I. Cofer IV, on Oct. 11, 1910.  
 MOORE, CLIFFORD DICKSON JR., '49, Lt. USN, of Norfolk, Va., and Miss Betty Lou Fagaty of Middleboro, Ky. were married last summer.  
 VAINE, NYAL O. JR., '49, can be addressed at 25 Maybrook Drive, Maywood, N. J.  
 GILMER, JOHN RANDOLPH, '50, and Miss Ann Anthony Morris are married and living in Orange, Va.

KELLEY, WILLIAM E. JR., '50, is on active duty with the Navy Air Corps, and can be addressed at Lt. W. E. Kelley Jr., V.P. 861, Naval Air Station, Jacksonville, Florida.  
 KUSH, COLEMAN, '50, is engineer for the George J. Glover Co. in New Orleans, La. Office in the Whitney Bldg.  
 MAPP, WILLIAM HAYWOOD JR., '50, and Miss Mary Louise Owen of Richmond, Va., are married. Home is at 278 E. Longview, Columbus, Ohio.

## RHO

MENICK, E. FLYNN JR., is with Co. Power & Light Co. at Southern Pines, N. C.  
 COX, GEO. C. '37, Col. USA retired, lives in Charleston, W. Va.  
 PUFFER, J. M. SR., '26, is at 1881 Wills Ave., Raleigh, N. C.  
 GRIFFITH, J. E., '26, lives at 101 N. Gay St., Knoxville, Tenn.  
 MARON, J. C., '27, is superintendent of the electrical operating department for Duke Power Co., at Winston-Salem, N. C.  
 WOOD, JOHN SAMUEL, '27, is selling mining equipment for the Jeffrey Mfg., and makes his headquarters and home in Buckley, West Virginia.  
 DAVIS, JEFF C., '28, is still on the teaching staff at the University of Arizona, and lives at 1941 East Diamond Lane, Tucson, Arizona.  
 HERRMAN, C. E., '29, gets mail at 1821 Arlington St., Raleigh, N. C.  
 FREEMAN, ARCHIE B., '38, is at 2659 Carré de Flore, San Mateo, Calif.  
 HOLCOMB, C. A., '51, lives in Albemarle, North Carolina.  
 LEE, J. HARRY, '51, is at 701 W. Windsor St., Monroe, N. C.  
 FRANKLIN, LUCIN D., '32, is the operator of the Water Purification Plant for Orange, New Jersey. Home is at 21 Sheridan Ave., West Orange, N. J.  
 GORMAN, FRANK W., '32, Lt. Col. USA with the 27th Transportation Truck Bn., is stationed in Garmisch, Germany.  
 HODGES, THOMAS LAWRENCE, '32, is district manager for American Bitumuls Co. in Mobile, Ala., and the family home is in Spring Hill, Ala.  
 RICHARDSON, ROBERT GLENN, '32, is branch manager for the M & J Finance Corp. in Durham, N. C.  
 REES, HENRY ALLEN, '32, is the DeSoto and Plymouth dealer in Knoxville Rapids, N. C.  
 WILLIAMS, HIRAM ELWOOD, '32, is safety director for Fieldcrest Mills at Spray, N. C.  
 MURPHY, L. D., '33, now lives at 1132 Duplin Road, Raleigh, N. C.  
 PETERET, BUBB E., '33, is at 2716-29th St.,

SE Apt. A-182, Washington 20, D. C.  
 BORN, WILLIAM, '34, with Aluminum Co. of America for many years, has been transferred to Fort Laysan, Texas.  
 COOPER, JACK W., '54, gets mail at Box 1089, Lumberton, N. C.  
 RYAN, MYRON EARLE, '34, S/Agt. USAF, is stationed in Wiesbaden, Germany, as crew chief on a B29.  
 MANKIE, CHARLES J., '35, lives at 19 Marshall St., Poughkeepsie, N. Y.  
 ROGERS, CHARLES N., '35, is at 1722 Hamo Ave., Hot Springs, S. C.  
 ROFFER, ELLIS L., '35, can be addressed at 721 Howard Road, Pikesville 4, Md.  
 HULAH, SAMUEL M., '37, has a new home at 4411 Cliff Ave., Louisville 3, Ky.  
 EDWARD, WILLIAM ARCHIE JR., '38, is construction supt. for McLean Construction Co., in Baltimore, and lives in Glenn Burnie, Md.  
 MORLAN, HERBERT LEE, '38, is an assistant professor of engineering at San Jose State College, San Jose, Calif.  
 HALSTED, BRUCE C., '41, is now located in Richmond, Va.  
 RANDALL, FRED W., '41, is with the Chance-Vought Air Craft Co. in Dallas, Texas.  
 BEVANT, WILSON E., '42, is industrial engineer for American Yarn Co. in Mt. Holly, North Carolina.  
 GRAY, THOMAS INGALLS, '42, reports the birth of a son, Thomas Ingalls Gray Jr., on June 1, 1951, in Alexandria, Va.  
 JOHNSON, W. S. JR., '42, lives at 1417 W. 14th St., Ft. Worth, Texas.  
 SHOUT, PAUL ELL, '42, is at 4745 Capistrano-way, Riverside, Calif.  
 CORBIN, WILLIAM L., '43, is resident engineer for Wm. C. Olson and lives on Route 4, Dunn, N. C.  
 FORTING, GLENN, '43, Capt. USA, was recalled to active duty with the Army Transportation Corps, and is stationed at Fort Eustis, Va. where he is Tactics Instructor in the Transportation School. He is married and has two children. Formerly he was an

- air-conditioning engineer in Greensboro, North Carolina.
- KELLY, JAMES F., '43, announces the birth of James Frederick Kelly Jr. on December 11, 1950, in Raleigh.
- GOODKIN, W. J., '44, now lives at 1033-C San Antonio Drive, Long Beach, Calif.
- HEFFERNAN, JAMES A., '44, construction engineer for Sanderson & Portier is now located in Whitesboro, N. Y.
- URANI, ROBERT N. M., '44, is at 606 N. Broadway, Urbana, Ill.
- MERRIN, MERLIN A., '45, has a daughter, Mary Catherine, born March 3, 1951.
- SMITH, MARION C., '45, is industrial representative for Wilkin & Matthews and lives in Danville, Va.
- DEAN, JAMES E. JR., '46, is now living at Rt. 2, Parrish Court, Covington, Va.
- FINLER, CHESTER A., '46, can be addressed at 32 N. Main, Dayton 2, Ohio.
- FUGATE, PATTON THOMAS JR., '46, and Miss Susan Sheppard Bynum were married on Sept. 11, 1951. Home is in Elm City, N. C.
- WOOTEN, R. E., '46, is with Brown Mills Inc., Burlington, N. C.
- JONES, RICHARD M., '47, lives at 1061 W. Marietta St. NW, Atlanta, Ga.
- RICH, MARSHALL M., '47, reports the birth of a daughter, Nancy Rand, on April 28, 1951, in Raleigh, N. C.
- WALKER, CARL H., '47, is assistant electrical engineer for the City of Rocky Mount, North Carolina.
- IRZLAND, NORMAN SCOTT, '48, is industrial sales engineer for the Apparatus Dept., General Electric Co. in Philadelphia, and lives in Haddonfield, New Jersey, 308-B Barrington Manor Apts.
- ROE, WM. C., '48, is representative of Springs Mills, Inc. in Atlanta, Ga., Atlanta Federal Savings Bank Bldg.
- SCHEIDT, ROBERT P., '48, is at 1004 N. Blvd. Baton Rouge, La.
- TEDES, STANLEY A., '48, and Miss Cecil Jacobs were married on November 23, 1950, and live in Peans Grove, New Jersey.
- LLOYD, ROBT. T., '49, with the York Corp. is now located in Charlotte, N. C. Apt. 201-Myers Park Manor, 2800 Selwyn Ave., Charlotte 7.
- THOMPSON, WILLIAM BONNER, '49, and Miss Jacquelyn Overton were married on Feb. 14, 1951. Home is in Aurora, N. C. Send mail to Box 83.
- CATO, ROBERT ERNEST, '50, wants mail sent to 2018 Weyland Ave., Charlotte, N. C.
- HOLLOWELL, WILLIAM EUGENE JR., '50, and Miss Nancy Janet Anderson, were married on Feb. 24, 1951, and are living in Waynesboro, Va.
- MOORE, WILLIAM HOLY, '50, now lives in Bevard, Md.

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## SIGMA

- HANES, C. RAYMOND, '24, has a new home at 351 E. Dominion Blvd., Columbus, Ohio.
- AMSTUTZ, GORDON M., '27, lives at 1038 E. Potomac, Dallas, Texas.
- FENNERAN, JAMES E. JR., '36, and Miss Virginia Thomas were married on February 3, 1951, in Columbus, Ohio.
- CAMERON, WILLIAM H., '43, is working on sponge latex in the American Anode Division of B. F. Goodrich Co. in Akron, Ohio.
- WARREN, GEORGE, '44, and Miss Thelma Ellis were married on Sept. 3, 1950.
- GUTTADORE, C. R., '49, Pres. of the Central Ohio Alumni Assn. is employed by The Electric Power Equipment Co., 55 East Chestnut St., Columbus 15, Ohio.
- BROOKS, ROBERT E., '50, Lt. USA, has been transferred to Headquarters IX Corps, as aide-de-camp to Brig. Gen. T. J. Cross, Deputy Corps Commander in Korea. Bob's family is living in Patterson, Ohio.
- KOVS, JOHN P., '50, and Miss Jacqueline Moore were married on Sept. 2, 1950. Home is in Akron, Ohio.
- MENDRAMAN, E. JOHN, '51, and Miss Edith Ann Johnson, were married on June 17, 1951, and home is in Batavia, New York.
- UNDERWOOD, TOM L., '51, who received the second national scholarship from Theta Tau is taking his graduate work at Ohio State and living at Apt. A, 5270 Indianola Ave., Columbus 2, Ohio. He wrote the Grand Scribe that he was married recently but did not give the bride's name or the date. Best of luck to both.

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## TAU

- CONTE, BARRY J., Hon., former chapter adviser, is now on the mechanical engineering faculty of Cornell University and mail should be sent to 319 Highland Road, Ithaca, N. Y.
- AUTER, E. L., '51, is with the Institute of Aeronautical Sciences in New York City, 2 East 64th St., New York City.
- FOWLER, BURTON COLLINS, '52, is district

sales manager of Lakes Division, Socony-Vacuum Oil Co., 130 Pearl St., Buffalo, New York, and lives at 341 Walton Drive, Snyder, New York.

DEKWAUGHTER, EDWARD J., '34, lives at 246 Lincoln Ave., Williamsport, Pa.

LEE, PAUL H., '38, Lt. USA, is back in service.

ANTREJA, ALDO, '39, Major USA, was called back to service.

BURBIDGE, LEO M., '39, is a Major in the U. S. Airforce.

DALHEIM, WILLIAM F. III, '41, and Miss Elinor Ann Curtin were married on December 30, 1940. He is with Shell Oil Co.

JORDAN, WILLIAM C., '41, and Miss Dorothy Monroyer were married on October 28, 1940.

ANDREWS, DAVID R., '46, and Marie B. Law-

son were married on April 14, 1941, in Rochester, N. Y.

BELL, VERN C., '47, announces the birth of a daughter, Ann, on August 14, 1940.

HOAG, DANIEL S., '48, works for Atlantic Refining Co., 260 S. Broad in Philadelphia and lives in Drexel Hill, Pa.

REGAN, THOMAS J. JR., '48, received his Masters degree at the University of Illinois this year and is now in the office of J. Frachbaum, consulting engineer in Buffalo, New York, 633 Jackson Blvd. Home is at 215 Dunlap Ave., Tonawanda, N. Y.

HOTT, BERNARD W., '50, and Marilyn Foster were married October 28, 1940. He is with Republic Aviation Co., Farmingdale, L. I., New York.

PAULICK, J. E. JR., '51, can be addressed at 31 Ardmore St., Springfield, Mass.

## UPSILON

STEPHENS, JIM RITCHIE, '29, lives at 207 Birchwood, Hot Springs, Ark.

CARMAN, JOHN HUNT, '33, is a member of the firm of Carman & Thompson, consulting engineers in Oklahoma City, Okla., and the family home is at 3116 NW 24th Street.

COLE, ROY, E., '33, is an aircraft engineer in Ft. Worth, Texas, and mail should be sent him at 4181 Mattison, Ft. Worth.

HERBERT, RICHARD P., '34, Capt. USA, was recalled to duty and is stationed at the Red River Arsenal in Texarkana, Ark. Mail should be sent to his home at 286 South 4th St., Paragonville, Ark.

BAUER, GEORGE, '41, manages an elevator in Gillette, Ark.

BANBOLPH, JOHN B., '41, Lt. USN, and Ethel Marie Parlett were married in St. Andrews Chapel at the Naval Academy recently. John then entered the post graduate school at the Naval Academy but later writes he expected to move to the west coast and study at the University of California.

McKENNEY, JOE L., '42, is in the Navy and training at the USNITC in San Diego. Mail should be sent to his home address at Wilmer, Ark.

GILBERT, STANLEY K., '42, Capt. USA, is stationed at an Army Ordnance Depot. Mail should be sent to Route #1, Box 244 AA, Maumee, Ohio.

LEGGETT, R. E., '43, lives at 2382 East Washington Ave., Pasadena, Calif.

FORD, JAMES LEE, '46, is with Porter-Urquart Associates Co. in Casablanca, French Morocco.

BRANDON, HIRAM F., '48, can now be addressed at Box 328, Brinkley, Ark.

JOHNSON, J. B., '48, is with the Oklahoma Natural Gas Co. in Tulsa, Okla.

McKEEHAH, MACLEEN, '48, has a new address at Apt. 7, 18 McLean St., Boston, Mass.

WEIR, WILLIAM C., '48, is a civil engineer with the Chance-Vought Aircraft Co., in Dallas, Texas, and the family home is at 3910 A Swin Ave., Dallas.

BARTON, RAY A., '49, is an electrical engineer living at 4915 Madison, Tulsa, Okla.

BURLISON, C. J., '49, is engineer for the Louisiana Natural Gas Corp. in Lake Charles, La., and they have just bought a new home there at 1008 Broadmoor Drive.

COLE, E. C., JR., '49, engineer for the chemical pulp division of the Buckeye Cotton Oil Co., in Memphis, Tenn., lives there at 3918 North Galloway Drive.

HAYNES, CHESTER L., '49, has been recalled to duty as a pilot. He is Lt. USA and his address is now Officers Casual Replacement Center, Camp Stoneham, Calif. He reports the birth of a daughter, Phyllis, born July 6, 1941.

McCALLUM, ROBERT D., '49, is a staff assistant in the office of the American Telephone & Telegraph Co., in Kansas City, Mo., and lives there at Apt. 12, 8246 Tracy.

SEMONS, FLOYD, '49, is living at 6719 Del Rio, No. 2, Houston, Texas.

STEWART, RALPH L., '49, is now an engineer with the Grand River Authority and lives at 421 SE 4th St., Pryor, Okla.

BROOKS, AUSTIN LEROY, '50, is now living at 1819 Broadway, Little Rock, Ark.

LOTEA, BRUCE H., '50, is an electrical engineer with the Chambers Engineering Co., in Louisville, Ky., and lives there at 403 McCasidy Drive.

FRANZT, ROBERT L., '50, is working for

Union Carbide & Carbon Corp. at their Texas City, Texas plant.

SHOON, WILLIAM E., '10, has returned from Endicott, N. Y., and is at 1424 West 10th St., Little Rock, Ark.

SKILLERN, CHARLES GORDON, '50, now lives at 804 North Division, Forrest City, Ark.

RAY, ARTHUR L., '11, and Gota Lee Sparks

were married early in March in Hot Springs, Ark., where they are living at 101 Jerome. He is with the Arkansas Power & Light Co.

SPINELLI, WILLIAM A., '11, is at the ROTC training camp with the Signal Corps Engineering Laboratories at Ft. Monmouth, New Jersey.

## CHI

PAAR, JOHN C. HOB., has been appointed Dean of Engineering at the University of Arizona, to fill the position formerly held by Brother Gordon M. Butler, charter member of Chi.

BALON, FRANK ORVAL, '31, c/o Paratale Guman Mining Co. Nielson & Co., Manila, Philippine Islands. When in Manila, Brother Balon lives at the Army & Navy Club.

BENNETT, EARL R., '31, Cmdr. USN, has been transferred to the U. S. Naval Air Station at Norfolk, Va. where he is Public Works Officer.

LAMB, FRANK D., '33, is metallurgist for the U. S. Bureau of Mines, in College Park, Md., and lives at 1206 Tilden Road, Hyattsville, Maryland.

KELLY, LARRY D., '34, with General Electric Co. in San Francisco, Calif., lives at 1014 Rose Ave., Piedmont, Oakland, Calif.

LOISEL, FRANK, '34, President of the Fountain Supply Co. in Phoenix, Ariz., has been elected Vice President of the Alumni Association of the University of Arizona.

LINDSEY, HARRY M. JR., '35, is working at an airbase at Big Springs, Texas.

FINK, HOWARD L., '37, is an engineer with the U. S. Reclamation Service and currently is in charge of the office work for the design unit at Davis Dam, Nevada.

FREEMAN, WALDO D., '37, Lt. Col. USA, is stationed at Ft. Leonard Wood, Mo.

PURCE, JACK C., '38, formerly of Albuquerque, N. M., is now Assistant Editor of the Compressed Air Magazine in Phillipsburg, New Jersey.

CUSHING, ELLIOTT M., '39, is District Engineer for the U.S.G.S. Airways Blvd., Memphis, Tenn., and lives there at 632 Buck St.

MEDFORD, ALBERT JAY, '39, Lt. USN, has been recalled to active duty with the navy civil engineer corps, and is stationed at Ft. Huachuca, Calif. Permanent address is 4524 N 9th Ave., Phoenix, Ariz.

CATLIN, CLAY, '41, is manager for the Arizona Machinery Co. in Phoenix, Ariz., and the family home is in Goodyear, Ariz.

BLUSH, FLOYD, '42, reports the birth of a son, Raymond, on May 1, 1911. Floyd is a hydraulic engineer with the U. S. Bureau of Reclamation in Merced, Calif.

DULLER, JOHN FOSTER WATSON, '43, is manager of the Ore Dept. Co Metallurgica Pinosola, S. A. Apartado 251, Monterey, Nueva Leon, Mexico.

MYERS, EDWARD J., '43, is chemical engineer for the American Chlorophyll Inc. in Lake Worth, Fla. His home is in Riviera Beach, Florida.

LONG, BARRINGTON L., '47, Lt. USA, is stationed with Col. C. Engr. Construct. Bn., Ft. Miles, Del.

CAMPBELL, WILLIAM E., '48, is with the Arizona Edison Co., in Casa Grande, Arizona.

SHULL, JAMES ROBERT, '48, is a research engineer for the North American Aviation Co. He reports the birth of a daughter, Susan Patricia, on April 24, 1911. The family home is in Redondo Beach, Calif.

SMITH, LAWRENCE W., '48, is a mining and petroleum engineer for the Amerada Petroleum Co., in Midland, Texas.

BUCKENLAFF, JAMES J., '49, is test engineer for the Inspiration Cona. Copper Co. power plant in Miami, Ariz.

ELCHUCK, STEVE, '49, reports the birth of a son, Tim, on March 16, 1911. Steve is assistant manager of the University bookstore.

FENTON, NORMAN L., '48, is with Industrial Electric Co. in Phoenix, Ariz.

NORTON, ROBERT L., '49, is with Johannessen & Girard, consulting engineers in Phoenix, Ariz., and lives there at 3811 N Marshall Place.

PREMYER, JOHN, '49, is a record producer for RCA in New York City.

PIERCE, VINCENT D., '49, and Margaret Winc. were married March 31, 1911 at St. Andrews Episcopal Church in Nagales. They are now living in Houston, Texas, where he is with Standard Oil Co. of Indiana.

RUGGLES, GUY H. JR., '49, is a design engineer with the transformer division of Westinghouse Electric Corp. in Sharon, Pa.

ANDERSON, GENE, '50, and Bernetta Swanson were married on Sept. 23, 1910, in Cambridge, Ill. They are now living in Potosi, Ariz., where he is a construction engineer with the Colorado River Agency.

APPELIN, CARL, '50, reports the birth of a daughter on March 2, 1910, in Tucson.

LENNAN, MERRILL J., '10, has left Kingman for Phoenix, Ariz.

NELMS, WILLIAM, '10, Lt. USA is now stationed with Battery A, 489th F.A. Bn. at Camp Roberts, Calif.

HAVERSEN, HARRY, '11, is a draftsman with North American Aviation Inc. in Los An-

geles, Calif., and home is in Compton, Calif.

HEB, JAMES G. JR., '11, received his commission at the May Commencement and is now stationed at Wright-Patterson AFB, Dayton, Ohio.

LAMB, BRUCE J., '11, Lt. USAF is stationed at David M. Smith AFB, Tucson, Ariz.

## PSI

WILSON, ARTHUR O., '12, has left Ophir, Colo., and is in charge of shaft sinking for U. S. Gypsum Co., at Port Clinton, Ohio.

WILLIAMS, MELVIN, '14, and Miss Elizabeth Ardis Kindiko, were married in New York City on July 1, 1951. Mel is with Joy Mfg. Co. in the Empire State Bldg., New York City.

YOUNGBERG, ELTON A., '17, formerly with Howe Sound at Holden, Wash., is now mining engineer with the U. S. Geological Survey in Spokane, Wash., 5 157 Howard St. Home is at E 718-19th St., Spokane, Wash.

TUENNING, CLARENCE H., '18, is doing research work for Bosch Development Co. in Cleveland, and lives at 479 Elmer Drive, Cleveland Heights 12, Ohio.

MCCAVITT, FRANCIS JOHN, '41, is a topographical engineer for the United States Geological Survey, Federal Center, Denver, Colo.

STODDEN, KENNETH H., '41, is working in the Applied Research & Development Laboratory of U. S. Steel Co. in Pittsburgh, Pa.

RIPLEY, PAUL, '42, is an assistant mining engineer for A.C.M. Co., and lives at 321 South Washington St., Butte, Mont.

SLOAN, WILLIAM L., '42, is a research engineer for Boeing Airplane Co., and lives at 9915 51st Ave. S., Apt. 209, Seattle, Wash.

WINANS, GEORGE D., '42, is Supt. of the Lovitt Mining Co. and lives at 1000 Walker St., Wenatchee, Wash.

HORNE, TERRY, '43, expects to complete his work for De. of Se. at Carnegie this year. Home is at 421 Sommeria, Pittsburgh, Pa.

ANDERSON, RALPH, '11, a metallurgist, has been ordered to active duty in Research and Development with the Air Corps, at Wright Field, Dayton, Ohio.

BANTA, HOWARD E., '11, is a geologist with the Magnolia Petroleum Co. of La. at Mt. Vernon, Ill.

BAZIER, GEOFFREY L., '11, is taking the training program of the Oliver Iron Mining Co., in Duluth, Minn.

DANOWSKI, THOMAS W., '11, is with the Warren Foundry & Pipe Corp. as a junior engineer. Home is in Mount Hope, N. J.

GRAHAM, ROBERT, '11, also is taking the training course of the Oliver Iron Mining Co., in Duluth, Minn.

HEWITT, CHARLES H., '11, is a graduate student at Montana Mines.

JOHNSON, DONALD W., '11, is at the East Helena plant of the A. S. & R. Co., Montana.

JOYCE, JOHN P., '11, is reported to be with the airforce at Lackland Air Force Base, in Texas.

KOZE, DONALD R., '11, is with the Worthington Pump & Machinery Co. in Salt Lake City, Utah.

LUHN, ROBERT, '11, is ranching at Reclive, Montana.

MATTSON, GEORGE, '11, can be addressed at Opportunity, Montana.

PARKER, PIERCE D., '11, at the time of graduation was planning to take graduate work at the University of Wisconsin.

ROCHEFORT, GUNTHER, '11, is moving his family to South America where he is with Los Marquis Mine at Calinda, Chile.

SHERBURN, HERBERT, '11, is another Psi alumnus who will be with Oliver Iron Mining Co., in Duluth, Minn.

WILLNER, ELLIOTT, '11, is with the A. S. & R. Co. in Whiting, Ind.

## OMEGA

GAGSTETTER, NOEL, '14, has been called back to the Navy. He is stationed in Washington, D. C.

HUBBARD, EARL J., '42, has a new home address at 3132 Princeton Ave., Philadelphia 24, Pennsylvania.

SCHMID, LEONARD, '42, reports the birth of a son, Joseph Franklin, on January 30, 1951.

Leonard is metallurgist for the Allison Motors and his mailing address is Box 122, Clermont, Indiana.

LOYD-DAYNE, ARTHUR, '43, with the Davies Construction Co. in Aberdeen, S. D., reports the arrival of a daughter, Jean Agnes on January 22, 1951.

INCHEVERSON, GORDON, '44, has moved to 704

North Kensington, La Grange, Ill.  
**ELLIOTT, WILLIAM**, '48, is now a metallurgist with the John Deere Spreader Works in Moline, Ill.  
**PETERSEN, MARVIN**, '48, started in the electronic lab. at M.I.T. in Sept., 1950, but the Navy called him, and he is now at the Electronics Technicians School at Great Lakes, Ill. but mail should be sent to him at DeSmet, South Dakota.

**MATHIS, GERALD C.**, '48, has accepted employment with U. S. Gypsum Co. at Heath, Montana, as a mining engineer. Home is at 501 Fifth Ave. South, Lewiston, Mont.  
**COLVIN, ARTHUR**, '50, is with the U. S. Engineers in Omaha.  
**MEYERS, CHARLES**, '50, is with Miner & Miner, Consulting Engineers, of Greeley, Colo. He spent the summer on a job in Trinidad, Colorado.

## GAMMA BETA

**AMES, NORMAN B.**, '57, has been sent to Switzerland for a year and can be addressed at Burgisasse 121, Zurich, Switzerland.  
**BARACK, ALBERT H.**, '47, is now doing design work for the Corps of Engineers, Dept. of the Army, P.O. Box 1010, Rincon Annex, San Francisco 19, Calif., and lives at 207 Athalia Drive, San Francisco 27, Calif.  
**SUNDAY, ELMER G.**, '48, is with the technical

department of the New Jersey Zinc Co., and has built a new furnace at Sorel, Quebec, Canada. Home address is R.D. #1, Palmerton, Pennsylvania.

**ELLIOTT, EDWARD**, '50, is on the engineering staff of the Lockheed Aircraft Corp., in Burbank, Calif., and lives at 2372 East Washington St., Pasadena 7, Calif.

## EPSILON BETA

**HESS, HOWARD MARTIN**, '54, is head of the EE dept. at Wayne University in Detroit, Mich., and lives at 16250 Northlawn, Detroit 21, Mich.  
**HOWELL, GLEN HEATT**, '54, is doing consulting work and lives at 1626 Huntington Blvd., Grosse Pointe Woods 58, Mich.  
**DONNELLY, HAROLD GEORGE**, '56, is professor of chemical engineering at Wayne University, 4841 Cass Ave., Detroit 1, Mich., and lives at 7160 Esper Blvd., Dearborn, Mich.  
**STONE, GORDON REED**, '42, is instructor in mechanical engineering at Wayne University, Detroit 3, Mich., and lives at 14860 Southfield, Detroit 23.  
**MOHNT, JAMES MAYNARD**, '41, is in the research department of Carbonyl Inc., 11177 East 3 Mile Road, Detroit, Mich., and lives there at 9644 Woodlawn, Detroit 11.  
**FREEDRICKSON, HENRY ALBERT**, '41, is a research engineer for the Chrysler Corp., 12400 Oakland, High Point, Mich., and lives at 861 West Warren, Detroit 3, Mich.  
**DAVIDOVICH, PETER SAMUEL**, '49, is a junior engineer with the Detroit Water Dept., 731 Randolph, Detroit, Mich., and lives at 4339 E 7 Mile Road, Detroit, Mich.  
**EAVES, BEUCHER "C"**, '49, is Sales and Office Manager, Mich. Cons. Gas Co., 413 Clifford, Detroit, Mich., and lives at 1446 Lincoln, Detroit 8, Mich.  
**LAMB, ARCHIBALD HARRY**, '49, is engineer with the Kenneth Anderson Co., 431 West Jefferson, Detroit, Mich., and lives there at 111 Sheridan.  
**ROSS, ALEXANDER RAMSAY**, '48, is plant engi-

neer for the Chrysler Motor Corp., Conner-Jefferson Plant in Detroit, Mich., and lives at 14129 Widdie, Detroit 5.

**TRUDGEN, WENDELL DEXTER**, '48, is engineer in the relay dept. Detroit Edison Co., 2000 2nd St., Detroit, Mich., and lives at 1603 Calvert, Detroit.

**LONSKI, STANLEY JOSEPH**, '50, mechanical engineer with Albert Kahn Inc., consulting engineer, 341 New Center Bldg., Detroit, Mich., and home is at 81 West Margaret, Detroit 3, Mich.

**MACARTHUR, ROBERT BRUCE**, '50, is mechanical engineer with Detroit Diesel Sales of General Motors, 13400 Outer Drive, Detroit, Mich., and lives at 9088 N. Martindale, Detroit.

**MILLER, ROBERT RAY**, '50, is engineer with the Prob Industries, 20233 Mack, Detroit, Mich., and lives at 1409 Lee Place, Detroit 8.

**OLIN, CARL ALBERT**, '50, is a mechanical engineer with Fisher Body Division of General Motors Corp., in Detroit, Mich., and lives at 3334 Ravenna, Royal Oak, Mich.

**RASH, LUKE**, '50, is Technical Sales Representative of Air Reduction Sales Corp., 2994 East Grand Blvd., Detroit, Mich., and lives at 6480 Southfield, Detroit 28.

**SHILL, MURPHY DeTOMASO**, '50, is an electrical engineer with Parke-Davis Co., Jos. Camp at River, Detroit, Mich., and lives at 6118 Ludewyck, Detroit 24.

**WELCH, RICHARD GERALD**, '50, who was president of Epsilon Sigma in 1950 is in the Army now. Mail for him should be sent

to his home at 89 Meadowlane, Grosse Pointe Farms 10, Mich.

BLINKSIDE, PAUL JAMES, '51, is an electrical designer for Detroit Edison Co., 2000 Second Blvd., Detroit, Mich., and lives at 7418

Thole Court, Detroit 21, Mich.

SMITH, NORMAN, '11, is a design and research engineer at the Wright Airfield in Dayton, Ohio, and lives at 25 Oakwood Ave., Dayton 9, Ohio.

An ardent Minnesotan was defending his alma mater against the critical banterings of a group of friends.

Challenged to cite examples of Minnesota's superior virtues, he exclaimed: "Why, you can take any subject, anything at all, and prove my point. For instance," turning to his chief heckler, "punctuate this sentence: 'The voluptuous blond clad only in a negligee strolled slowly past my door.'"

"That's simple," pooh-poohed the rival witness. "Comma after 'blond', comma after 'negligee', period after 'door'."

"There you are," was the triumphant rejoinder. "That's what I mean. At Minnesota, we'd made a DASH after 'the voluptuous blond.'"

Daffynitions:

Budget Problem—Too much month left over at the end of the money.

Small Town—Where everybody knows whose check is good and whose husband isn't.

Nodding Acquaintance—Person with whom you have nodding in common.

French Bathing Suit—Costume cut down to see level.

Radio—no inch television.

Blessed are the censors, for they shall inhibit the earth.

A young mother came to the door of the nursery and saw her husband standing over the baby's crib. Silently she watched him as he stood looking down at the sleeping infant. In his face she read rapture, doubt, admiration, ecstasy, incredulity, wonder. Deeply touched and with her eyes glistening, she tip-toed over and slipped her arms around him.

Tenderly she said, "A penny for your thoughts, my darling." Startled into consciousness, he blurted, "For the life of me, I don't see how anybody can make a crib like that for \$3.49."

And then there was the freshman ME who thought steel wool was fleecce taken from a hydraulic ram.

Pants are made for men and not for women. Women are made for men and not for pants. When a man pants for a woman and a woman pants for a man, they are a pair of pants. Such pants do not always last and then they are called breeches of promise. This often turns into a suit. When two couples are mixed up in a suit, all panting, it is a suit with two pair of pants.

Tourist Guide: "We are passing the largest brewery in the United States."

M. E.: "Why?"

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