

The GEAR *of* THETA TAU



Spring, 1928

VOLUME XVII

NUMBER 2



The GEAR *of*
THETA TAU



SPRING, 1928

VOLUME XVII

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AN EMPLOYMENT BUREAU ESTABLISHED

At the Service of Theta Taus

THE Sixth Biennial Convention resolved that the Fraternity should be of assistance to its members in obtaining employment and to put prospective employers into touch with qualified men.

To serve these needs one of the national officers was designated as manager of the service bureau to be established.

Members of the Fraternity are engaged in many lines of engineering, or in business in which engineering has an important function. Many of them hold responsible positions, and are often in need of men for their staffs, or hear of good opportunities with other reliable concerns.

To serve our members in this way is part of that practical idealism which our founders proclaimed as a policy of Theta Tau.

Members of the Fraternity seeking positions of any kind should send in complete information about themselves, furnish an address where they can always be reached by mail or wire, give a detailed account of what experience they have had, and indicate the line of work in which they are most interested.

The service of the bureau is open to all members in good standing in the Fraternity. To avoid possible delay applicants are advised to get a statement from their chapter to this effect.

Alumni are urged to notify the bureau of any openings for employment of which they get knowledge. Alumni who periodically employ certain classes of engineers are urged to furnish the bureau with information about it so that any graduates interested can apply on time. The Fraternity wishes to help the younger alumni but it also wishes to put possible employers in touch with qualified engineering graduates of personal worthiness.

Address All Communications to

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SAN FRANCISCO, CALIFORNIA

The GEAR *of* THETA TAU

OFFICIAL PUBLICATION OF THE FRATERNITY

DONALD D. CURTIS, OMICRON '19

EDITOR AND BUSINESS MANAGER

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Theta Tau Fraternity

*Founded at the University of Minnesota
October 15, 1904*

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W. MURRAY LEWIS

ISAAC B. HANKS
ELWIN L. VINAL

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101N Engineering Hall, Iowa City, Iowa
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Box 112, San Francisco, California

Delegate at Large

- J. SIDNEY MARINE, Eta '18 *Past Grand Regent*
7 East 42nd Street, New York City

Alumni Associations

- Chicago*—T. L. Herrick, 1543 Fargo Avenue, Chicago, Illinois.
- Cleveland*—V. C. Fugman, 1620 Lee Road, Cleveland Heights, Ohio.
- Intermountain*—M. E. Callahan, 412 Templeton Bldg., Salt Lake City, Utah.
- Pittsburgh*—Prof. Chas. R. Fettke, Carnegie "Tech," Pittsburgh, Pa.
- Southwestern*—Charles A. Kumke, P. O. Box N, Ray, Arizona.
- Twin City*—James A. Colvin, Care of Northern States Power Co., South Fifth Street, Minneapolis, Minnesota.

CHAPTERS

- ALPHA, *Founded October 15, 1904* - - - University of Minnesota
(Chapter house) 629 Washington Ave., S. E., Minneapolis, Minn.
- BETA, *Established March 26, 1906* Michigan College of Mining and Tech.
(Chapter house) Theta Tau Fraternity, Houghton, Mich.
- GAMMA, *Established November 8, 1907* - - Colorado School of Mines
P. O. Box 12, Golden, Colo.
- DELTA, *Established May 23, 1911* - - Case School of Applied Science
Case School of Applied Science, Cleveland, Ohio
- EPSILON, *Established May 4, 1911* - - - University of California
Box, Hearst Mining Bldg., University of California, Berkeley, Calif.
- ZETA, *Established April 17, 1912* - - - University of Kansas
(Chapter house) 1409 Tennessee Street, Lawrence, Kansas
- ETA, *Established May 23, 1912* - Massachusetts Institute of Technology
Care of Prof. James Jack, M. I. T., Cambridge Mass.
- THETA, *Established May 26, 1914* - - - Columbia University
Care of Prof. T. H. Harrington, Columbia University, New York City
- IOTA, *Established February 5, 1916* - - - Missouri School of Mines
P. O. Box 629, Rolla, Missouri
- KAPPA, *Established March 25, 1916* - - - University of Illinois
P. O. Box 516, Station A, Champaign, Illinois
- LAMBDA, *Established April 29, 1920* - - - University of Utah
University of Utah, Salt Lake City, Utah
- MU, *Established January 3, 1922* - - - University of Alabama
P. O. Box 724, University, Alabama
- NU, *Established January 1, 1922* - - Carnegie Institute of Technology
P. O. Box 114, Carnegie Institute of Technology, Pittsburgh, Pa.
- XI, *Established January 13, 1923* - - - University of Wisconsin
Room 208, Engineering Building, Madison, Wisconsin
- OMICRON, *Established February 3, 1923* - - - University of Iowa
(Chapter house) 715 Iowa Avenue, Iowa City, Iowa
- PI, *Established May 26, 1923* - - - University of Virginia
P. O. Box 449, University, Virginia
- RHO, *Established February 16, 1924* N. C. State College of Ag. and Eng.
P. O. Box 252-A, State College Station, Raleigh, N. C.
- SIGMA, *Established November 29, 1924* - - - Ohio State University
(Chapter house) 70 East 18th Avenue, Columbus, Ohio
- TAU, *Established December 12, 1925* - - - Syracuse University
P. O. Box 11, University Station, Syracuse, New York
- UPSILON, *Established April 7, 1928* - - - University of Arkansas
P. O. Box 96, University Station, Fayetteville, Arkansas
- PHI, *Established April 21, 1928* - - - Purdue University
(Chapter house) 128 Wiggins St., West Lafayette, Ind.



EIGHTH BIENNIAL CONVENTION

Back Row (left to right): Seaman, Beta; Hurd, Omicron; Whitehurst, Tau; Koch, Epsilon; Kauer, Sigma; Melcher, Eta; Trost, Sigma; Lyon, Kappa.
Third Row: Fawcett, Omicron; Almon, Mu; Sullivan, Rho; Barthelemy, Alpha; Moore, Alpha; Herrick, Omicron; Heylin, Kappa; Dickson, Theta; Burnam, Kappa; Morrison, Kappa; Hess, Omicron.
Second Row: Van, Omicron; Curtis, Omicron; Russell, Epsilon; Marine, Eta; Schrader, Alpha; Coffman, Lambda; Vawter, Zeta; Wimmer, Zeta.
Front Row: Mather, Lambda; Davis, Nu; Faulkner, Iota; Gifford, Kappa; Tuttle, Gamma; Fisher, Delta; Harmon, Pi.

THE EIGHTH BIENNIAL CONVENTION

The Eighth Biennial Convention of Theta Tau was held under the joint auspices of the Chicago Alumni Association and Kappa chapter, in Chicago, December 29-31, 1927.

Official attendants included delegates from the chapters, delegates from three alumni associations, and five national officers. Numerous visitors attended the convention in part, or all, of its features, including actives from Kappa, Omicron, and Sigma, numerous alumni from Chicago, and the GEAR Editor. The list of delegates follows:

The Executive Council

The Grand Regent	J. Sidney Marine, Eta
The Grand Scribe	E. J. Schrader, Alpha
The Grand Treasurer	James Vawter, Zeta
The Grand Marshal	R. J. Russell, Epsilon
The Grand Inner Guard	Fred Coffman, Lambda

Editor of THE GEAR	Donald D. Curtis, Omicron
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The Chapters

Alpha	C. R. Barthelemy	Kappa	E. W. Gifford
Beta	C. F. Seaman	Alternate	G. S. Heylin
Gamma	Carl W. Tuttle	Mu	Chas. P. Almon, Jr.
Delta	Leonard C. Fisher	Nu	Paul W. Davis
Epsilon	Thos. W. Koch	Omicron	Marshall B. Hurd
Zeta	Earl D. Wimmer	Pi	Chas. D. Harmon
Eta	John C. Melcher	Rho	H. L. Sullivan
Theta	Robt. B. Dickson	Sigma	T. J. Kauer
Iota	E. C. Faulkner	Alternate	G. W. Trout
Lambda	James Mather	Tau	Geo. A. Whitehurst

Alumni Associations

Chicago Association	Ralph W. Van
Twin City Association	John H. Moore
Intermountain Association	Howard L. Barker

The convention headquarters were in the Hotel Windermere and all sessions were held in the same establishment. The Executive Council held a preliminary meeting on the afternoon of the 28th. On the evening of the 28th, a smoker was held for such delegates and visitors as had arrived. The morning of the 29th, after a thorough-going session of the Credentials Committee, the convention was called to order by the Grand Regent, J. Sidney Marine, at about eleven o'clock. The first session was devoted largely to the appointment of convention committees, and the explanation by the Council of the chief tasks facing the convention. In the afternoon session, reports were heard from the delegates. The Grand Regent had previously made selection of four reports which seemed to him typical and most fruitful of ideas. To save time of the convention, only these four were read and the rest given to the Grand Scribe for presentation in the minutes of the convention. This session included reports of the Grand Officers and Alumni Associations.

The evening of the 29th was devoted exclusively to committee work, and it seemed to be the opinion of the delegates that they learned the lesson that a Theta Tau convention meets for the performance of business. All delegates

gave commendable attention to these matters, even in the face of such recreational facilities as the city has to offer, and progress was excellent.

The morning session of the 30th was devoted to various items of business, among which were the report of the Committee on Constitution, the discussion

of adoption of official minor jewelry, and chapter finances. The afternoon session was devoted to consideration of groups petitioning Theta Tau for charters. The end of this session marked the close of the hardest of the convention business, and relaxation was afforded by the initiation of two alumni and the banquet, which was held in the Hotel Windermere's Crystal Ballroom. The Committee on State of the Order held a long session far into the night considering various matters vital to the fraternity.



PROMENADE, HOTEL WINDERMERE, EAST

The final session was held on Saturday morning, December 31st. It was devoted to the election of Grand Officers, the report of the Committee on State of the Order, discussion of the place of meeting for the next convention, and designation of special committees to hold over to the next convention for the continuance of certain matters started at this convention, chiefly the Committees on Constitution and on Manual.

Certain high-lights of the convention may well be mentioned especially. One of the important ones of these is the fine meeting place afforded by the Hotel Windermere. Having all of the delegates under one roof made the calling of committee meetings most convenient, and augmented, tremendously, the opportunity for forming quick acquaintance. It would be hard to imagine a more pleasant housing than was obtained here. All of the hotel's help were most courteous, and the service was extraordinary. The dining room gave an opportunity for constant fraternal intercourse, even during meal time.



MAIN DINING ROOM

The initiation of the two alumni was an event that will be impressed long upon the minds of all who participated in it. Brother Schrader, the first

Grand Regent, who is the first Theta Tau, (being Alpha Roll number 1), presided in the chair, and gave the work in a manner most impressive and at the same time, natural. It was the marvel of active Regents present that he carried through the complete initiation ceremony in time considerably shorter than most of them had ever been able to do it, even though laboring under some difficulties as to equipment and Council Chamber. As a grateful aftermath to the initiation, a delightful banquet was served in the same room.



HOTEL WINDERMERE, EAST, HEADQUARTERS FOR THE EIGHTH BIENNIAL CONVENTION

Brother Herman Hopkins, Past Grand Scribe, presided as toastmaster, and put the gathering at ease with his inimitable candor, humor, and stories. Since it was fairly late and the number of speakers large, "Hop" started the speakers and music between and during courses. With Brother Trout of Sigma at the piano, and Brother Fisher of Delta directing, some singing by the group recalled old college days to the older men.

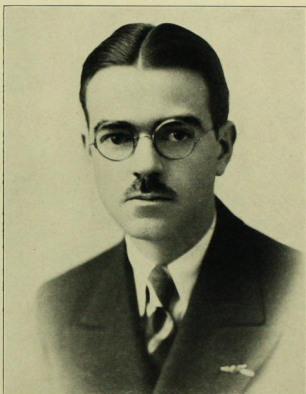
Among the more notable achievements of the convention must be named the work of the Constitution Committee, under the able direction of Brother John "Dinty" Moore, of the Twin City Alumni Association. It was a matter that had been, for some time up for action, and the concerted work of the committee got the job into such shape that the constitution can be very shortly turned over to the chapters with various ambiguities and repetitions that it formerly contained, settled and completely ironed out. The expansion of the fraternity was discussed from all angles and the feeling manifested was one of careful conservatism. That favorable recognition was given the petition of locals at Purdue and Arkansas speaks well for both of these organizations.

Invitations were received from several chapters for the next convention but no action was taken.



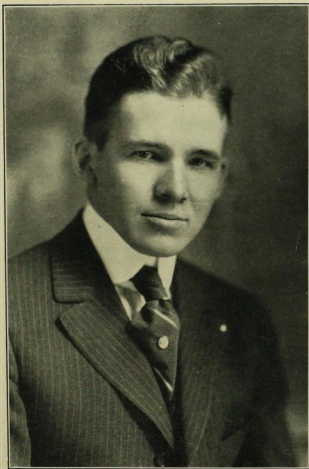
DR. GEORGE D. LOUDERBACK, EPSILON '96

Dr. George D. Louderback, Past Grand Regent, is passing from active participation in the governing of Theta Tau with the automatic succession of the last Grand Regent to the chair of Delegate at Large. Brother Louderback was a founder and charter member of Epsilon chapter, having been initiated in May, 1911. He is an eminent geologist and a Professor of Geology at the University of California. In 1913, at the Second Biennial Convention of Theta Tau Dr. Louderback was elected Grand Vice-Regent; he served two years. At the 1919 convention he was elected Grand Regent. He served three terms,—six years—in that capacity, and for the past two years has been Delegate at Large. He has been a loyal worker in Theta Tau constantly, and many of the wise and efficient customs of the fraternity originated with him.



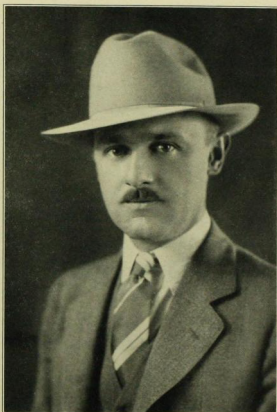
J. SIDNEY MARINE, ETA '18

J. Sidney Marine, Past Grand Regent, was initiated by Eta chapter in 1917. His service in Theta Tau has been varied and extensive. The 1917 GEAR shows him to have been chapter editor; for the year 1920-21 he was regent of Eta; at the 1921 convention, Lawrence, Kansas, he was elected Grand Vice-Regent, which office he served four years; then at the Columbus convention he was elected Grand Regent. He retires now from the chair because of the insistent call of his business. He has proved an able executive and has given unsparingly of his time and energy to Theta Tau. It is a matter of regret to all, even with so able a successor as Brother Russell available, that "Sid" could not continue another term so that more of his ideas could be brought to fruition. The fraternity owes Brother Marine a huge debt of gratitude.



PHIL J. LAURENCE, ALPHA '15

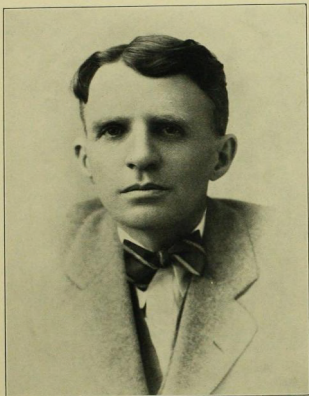
Phil J. Laurence, Past Grand Vice-Regent, was initiated by Alpha chapter on November 1, 1912. Later he served as Regent of Alpha, and at the convention of 1919 was chosen Grand Treasurer. He served in that office until the sixth biennial convention. At the seventh biennial convention, Columbus, Ohio, he was elected Grand Vice-Regent. Now he retires from national office because of press of business affairs and because of his present location in Florida where he is far removed from active chapters. Phil is a construction engineer. All who know him have found him a wonderful Theta Tau.



RICHARD JOEL RUSSELL, EPSILON '19

Richard Joel Russell, Epsilon '19, was initiated into Theta Tau in 1920. He was at that time a graduate student in Geology. He taught in the University of California and continued his graduate work until he received the doctorate in 1926. He served as Regent of Epsilon, and was sent as delegate to the Fifth Biennial Convention at Lawrence, in 1921. In 1923, he was appointed Grand Marshal by the Executive Council, and at the Sixth Biennial Convention was elected to that office by the convention. At the Seventh Biennial Convention he was reelected and at the Eighth Biennial Convention he was elected Grand Regent.

He has been an active Theta Tau ever since he became a member. No task has been too heavy for him, and he undertook the work of Grand Marshal with new duties assigned to that office which were both arduous and exacting. All of the many things he has done for the fraternity he has done well. His judgment on matters of national policy has been excellent, and he has the confidence of all the members in assuming the highest office of the fraternity. In professional work, Doctor Russell is a geologist, and has for the past two years been Associate Professor of Geology at Texas Technological College.



ERICH J. SCHRADER, ALPHA '05

If the delegates were asked from what they derived the most pleasure and benefit at the Convention at Chicago, their unanimous reply would be their acquaintance with Brother Erich Schrader. There is some refining, humanizing influence out in the soft desert distances of Nevada where Brother Schrader has spent so many years that has had an unmistakable effect on him. Out where men go madly in search of the pot of gold and come back broke or sometimes drunk with the joyful thought that they have struck it, there is need for level-headed mining engineers, the real judges of the west, who can say what is good and what won't pay, and his convincing sincerity makes him just the man one wants to turn to when something is at stake. His memory of names and faces is truly remarkable. Half an hour after the start of the smoker which was the first thing on the program of the convention, he knew all of the men present, more than half of whom he had never seen before. With a crowd of eager listeners about him, Brother Schrader told jokes with the best, and stories without end. In the sessions of the convention he showed

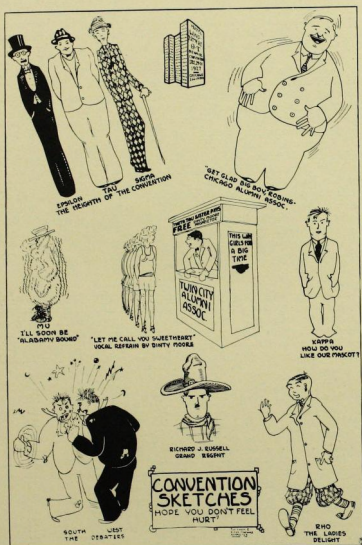
that his heart is in Theta Tau. After the brothers had argued over a point and could not decide what was best, a few words from him usually straightened everyone out. It seemed that every committee waited for his advice before proceeding with its work. In addition to giving his time to conventions, he writes hundreds of letters annually on fraternity business, and travels extensively. Brother Schrader was born in Bremen, Germany, in 1881. His father was graduated with the degree of Doctor of Jurisprudence from the University of Gottingen. After receiving his Engineer of Mines degree from Minnesota in 1905, Brother Schrader went to Washington as engineer for the K. S. Mining Company, and has since worked in various capacities, such as engineer, assayer, superintendent, manager, and consulting engineer for many mines from Washington to Sonora, but mostly in Nevada. He is now in consulting practice at Reno, Nevada. Although he regrets that Reno has so many temporary residents, still he believes that there is no finer place in the world to live, and he is willing to take any brother on a fishing trip through the finest fishing region in the west, to help prove it. It is reported that Brother Schrader can swing a fast and accurate tennis racquet, and ride a horse with the best. His service to Theta Tau should be an inspiration to every brother. We may be justly proud of his fine personality and quiet, unassuming leadership. As one of the founders of a great engineering fraternity, Brother, yes, Father Schrader is to be congratulated on having seen Theta Tau grow as it has.

ROBT. B. DICKSON, Theta '29

* * * * *

Theta Tau has grown until it is a pretty sizeable fraternity. One of the founders recently remarked that he could hardly realize that the fraternity which numbered nine men when he left Alpha chapter, could have grown to a national organization thirty-five hundred strong. And that's just what Theta Tau now is. Below are figures compiled by the Grand Scribe, Erich Schrader, at the time of the Eighth Biennial Convention, December 31, 1927.

	1925	1927	Increase
Alpha	275	302	27
Beta	280	300	20
Gamma	295	318	23
Delta	193	222	29
Epsilon	243	279	36
Zeta	214	244	30
Eta	221	271	50
Theta	124	135	11
Iota	164	203	39
Kappa	254	293	39
Lambda	187	220	33
Mu	58	80	22
Nu	119	150	31
Xi	47	49	2
Omicron	71	114	43
Pi	62	85	23
Rho	57	96	39
Sigma	58	86	28
Tau	21	55	34
Total	2943	3502	559



IMPRESSIONS OF THE EIGHTH BIENNIAL CONVENTION BY TED KAUER, SIGMA '28 AND ELMER MARSHALL, SIGMA '28

IMPRESSIONS OF THE CONVENTION

From the Delegates

On they came with Chicago as a mecca, so to speak. Delegates to the Eighth Biennial Convention came from all parts of the country. The Executive Council had suspicions of what the bright lights of Chicago could do to these young irresponsible (ahem!) gentlemen. They picked a place far enough from and yet close enough to the Chicago loop. The Windermere was the result. It was just as well though, I believe, for there was plenty of business to be done. But everyone knows about the business so I will not talk about that. The convention gave me an opportunity to meet the members of the Executive Council. I had to learn these names backward and frontward, and now here I was, face to face with the men themselves. It was a pleasure that I had some day hoped to enjoy. My wishes are now fulfilled in that respect and I must say that I was greatly impressed and feel that our Executive Council would be impossible to replace. We can feel justly proud of those guiding our destiny. And some of them know some good stories, too!

The convention meant a great deal to me. I thought that I knew something about Theta Tau. Well, I did know something, but as I look back, so little that the thought makes me smile. The committee work, the discussion on the floor, the so-called "bull sessions,"—all increased my knowledge of some of the problems that are confronting us. The opinions and knowledge of the national officers on all these things together, made me wonder where I had ever gotten the idea that I knew anything at all. The viewpoints of different delegates and the problems of their respective chapters were an education in themselves. I believe Theta Tau has a greater meaning to me now. I believe that the convention instilled thoughts and ideas which are going to enable me to be a better Theta Tau. It is my one regret that every man at Alpha chapter could not attend that convention. To see the things that others are doing, the things that you can do, is one of the most valuable phases of a convention. The delegates were as fine a bunch of fellows as I have ever met or ever hope to meet. The contact with men from other chapters gives a man a somewhat more concrete relationship. We all knew that there was a chapter at Illinois, one at M. I. T., one at California, one at Colorado, and so on. Now we talk of Gifford, Melcher, Koch and Tuttle, and on down the line. Their ideas with your own make up a few things that present ideas worthy of thought. Oh, delegates do have their peculiarities. I have heard a rumor that a certain delegate fell out of a bathtub. As I understand it, the only reason for this amusing act was a shower of boiling water. He was evidently greatly moved. They say he can now do the best blackbottom you have ever witnessed. I remember of one delegate wiping himself after a bath with the bath mat, remarking at the same time what wonderfully heavy towels the Windermere provided. Of course, all these things disturb the dignity of so august a body (ahem!). I only regret the fact that acquaintance was just about well made when the convention closed. I believe everyone went home with new thoughts of Theta Tau and with new ideas, which, when instilled in their chapters, will bring us all a little closer together in our common bond, H and T.

C. R. BARTHELEMY, Alpha '28.

My reaction to the Eighth Biennial Convention is chiefly one of gratefulness. Because I had a good time there in Chicago? Of course we had a fine time, but it is not that. It made me realize that the aims, scope, and purpose of Theta Tau are much greater than one thinks if he has not had the privilege of attending a convention. To talk with and hear the snappy reports of the Grand Officers who are so vitally interested in Theta Tau inspires one to work harder for his chapter in order to build up a greater organization. To meet and talk with the delegates and alumni was an education in itself. I am sure that every man came away from the convention with the feeling that he had attended something well worth while, and that Theta Tau is more than a badge wearing fraternity.

CARL W. TUTTLE, Gamma '28

To adequately describe my reactions at the convention would require a description of each individual event. Taken as a whole, I think it could best be epitomized as "exceptionally satisfying." It was not alone satisfactory—that would imply a too impersonal aspect—it was enjoyable as well. Under the satisfactory part of the convention must be included the business meetings, the work on the committee to which I was assigned, and the general handling of the delegates' reception by the Chicago Alumni Association and Kappa chapter. I was particularly impressed with the business-like manner in which matters of importance were handled. Large credit for this, I think, is due to Brother Marine who steered each discussion in a straight course; but in addition, the delegates came to do business primarily and pleasure took a second place. The combination was excellent. The more personally enjoyable part of my visit comprised, in the first place, my association with the other delegates and the officers. What a tower of strength (apologies to Brother Coffman) they would be if they were the personnel of a single chapter! Who to choose to be the officers of our All-American chapter would be the difficulty. All of them might be regents. The social end of the convention did not lose anything by being secondary to the business end. The smoker the first evening got us acquainted and the rest had to follow. The banquet topped things off nicely except for the talk of one T. W. Koch, Epsilon. However, the attitude of the gang immediately afterwards in that same man's room proved that they held nothing against him for it—except cards. They left him a little poorer than he was. Of Chicago I saw only what was shown some of us by Brother Dickson in a personally conducted tour, and what I saw on New Year's Eve—hardly as much as I'd like to have seen. I'm sorry it was so unbearably cold. So I still have a warm spot in my heart for California though I do not hold it against the middle west for inviting me to their snow party.

THOMAS W. KOCH, Epsilon, '24.

This convention trip was my first visit east and my first chance to serve old Theta Tau. For these reasons, it was an interesting event in my life when I registered at the Windermere for the convention. I was given a room with George Whitehurst from Tau and soon after that we were convention buddies. You all know of the events connected with a convention along the lines of business but you can imagine committee meetings. That is where the work is done. The first night was devoted to

committee meetings. I believe the Constitution Committee drew the largest session. The constitution of our fraternity was discussed in every detail. There were some pretty hot arguments, but a lot of them were settled by Brother Marine's, "that is a horse." The next day was the big event of the convention. After the day's business, came the initiation and the banquet, then the big fraternal meeting in room 1230. It is in such a gathering that one really learns to appreciate the fraternal bonds of Theta Tau. The banquet had paved the way by its humor and fellowship so it was carried on to perfection. From these experiences we come to the time of parting. After a few days of mixing with representative Theta Tau men in this way, one rather dislikes to go back to the grind of regular school work. But we had to leave Chicago and its snow, to try to make the trip home through the storm. All the trains were late, but after trying two or three in Kansas City, I finally reached Lawrence full of fraternity enthusiasm and good ideas for Zeta, from the convention.

EARL WIMMER, Zeta '29.



REPRODUCED FROM A POSTER ADVERTISING THE FIFTH BIENNIAL CONVENTION IN 1921

Impressions of a convention by one who has never seen one include mental pictures of Rotarians past forty, with broad expanses of vest from which dangle elk teeth on heavy gold watch chains. A well-chewed cigar must occupy a corner of each man's mouth, and all must be in little groups guffawing loudly at a story of a traveling salesman whose Ford broke down. Substitute fellows just past twenty who still wear Kampus Kut clothes, substitute Tau Beta keys for the elk teeth, and cigarettes for the stogies, and you have a picture of the Theta Taus at Chicago. The hotel was perfect, without a detail lacking, even to the little ice cubes made by the frigidaire with which the rooms were amply supplied. It wasn't all fun, though. Many a serious hour was spent in committee meetings trying to decide whether we really should have a new sister pin or else just exactly why we should let any more charters at this biennial. And in the meetings of the entire convention we discovered that the fellows in Eta Pi chapter

were positively the best crowd on earth, with no competition, professionally active? And How! The chapters were all in wonderful shape, and one just couldn't hear himself think in meetings because of the loud blurping noises radiating from each and every activity man, of which there seemed to be a lot in every chapter.

The mainspring of the convention was the group of national officers led by Erich Schrader and Sidney Marine. It certainly did give me an insight into the soundness of the planning of Theta Tau to hear these men tell us of the way a chapter should properly function. To us in the eastern chapters it was more or less of a revelation to discover just how much there really is in the organization. A conception of Theta Tau as a national organization was a thing which I just simply didn't have when I arrived at Chicago. The credentials committee found that out. But the convention brought home to me the fact that each chapter must function not for itself alone, but as a cog in the gear that is Theta Tau. No one can give so much of this idea as can Brother Schrader who has spent so much of his life making Theta Tau what it is today. The rest of the officers, Brother Vawter, Brother Russell, Brother Coffman, and all the others all strengthened the ideas that I got. The return trip, in the company of Sidney Marine and George Whitehurst of Tau chapter was a fitting ending to the week. Altogether the convention was a complete success with a good combination of fun and serious work. As a result of it all, came the realization that Theta Tau is a real engineering fraternity with a real bunch of fellows in it.

JOHN C. MELCHER, Eta '28.

If a fraternity convention is held to bring about a better fraternal relationship and to produce harmony of purpose amongst its chapters, the Eighth Biennial Convention of Theta Tau was a success. All of the members present were very interested and for the most part determined to get as much out of it as possible. On the evening of the 28th of December, a smoker was held at the Windermere hotel which was attended by the Executive Council, members of the Chicago Alumni Association, and all of the delegates. We all got acquainted and then put on a bull session. The next day was started off with the examination of the delegates, after reports were given and committees were formed. The reports given by some delegates were exceptionally good and presented many useful suggestions, that could be carried out by other chapters. The reports given by the members of the Executive Council indicated that all of the chapters could improve various amounts with only a little more effort. The business meetings were run off in a business-like manner and very little time was wasted by getting away from the subject. The question of extension was by far the most debated issue of the entire convention but, in my opinion, the fraternity can feel proud that they will have two such groups in Theta Tau as those from University of Arkansas and Purdue University. The final day of the convention was given over to unfinished business and the election of officers. The voting on some of the officers was close but I feel that very capable men were chosen and if they are given coöperation from the chapters, Theta Tau will have a very successful biennium. On the evening of the second day two alumni of Omicron chapter were initiated. Following the initiation

a banquet was given by the Chicago Alumni Association. This Alumni Association is to be complimented for the energetic and efficient organization that they have built and they, along with Kappa chapter, can be proud of the manner in which they put over the convention.

JAMES MATHER, Lambda '28.

. . . At the convention I learned many small things in regard to Theta Tau, and one large factor. The large one was the fact that Theta Tau is a true fraternity of real men and not just a club of college men—all this was borne out by the association with Brother Schrader, the other officers of the fraternity, and the chapter delegates. It surely was a pleasure to be there at the convention. . . .

CHAS. P. ALMON, JR., Mu '28.

After having the privilege of attending the Eighth Biennial Convention in Chicago last December, I can only wish that it might be possible for every Theta Tau to attend at least one convention during his fraternity life. I am very sure that no other thing will impress him with the dignity and magnitude of our Fraternity as much as a convention, nor could one find a finer group of college men anywhere than those who gathered for this convention. To be a delegate was a privilege which I am sure will never be duplicated.

I was very much impressed with the sincerity with which the delegates entered into the business of the convention. It seemed that each man present was putting forth every effort that the Fraternity as a whole might benefit from the meeting, and also that he might take as much as possible back to his own chapter.

Much credit is due the Executive Council for the excellent manner in which the convention was conducted. Each business session was conducted as such and very little time was spent in needless discussion. One must only see our National Officers at work to realize their interest in Theta Tau, and to know they are doing everything in their power that we, as actives, may benefit.

I also wish to congratulate the Chicago Alumni Association and Kappa chapter on the success of their efforts in entertaining this convention. The consideration shown delegates not familiar with Chicago, and the meeting as a whole, reflect very much credit on both these groups.

MARSHALL B. HURD, Omicron '28.

The memory of the Eighth Biennial National Convention of Theta Tau fraternity is one that I will always cherish in years to come. There were men gathered together from the Golden Gate of California to the rocky coast of New England, and from the sunny southland to the Great Lakes, to champion the cause of Hammer and Tongs. The group was not a large one, but it could clearly be seen that the aim of every man was to impart or take back with him some knowledge that would assist and help the individual chapter and the Fraternity as a whole to carry on the principles of Theta Tau established by its founders back in 1904. The delegates to this convention elected men of wonderful executive ability and ingenuity to lead the progress and prosperity of Theta Tau during the coming bien-

nial. There is one thing that I will always long to see and that is a convention where, not only the delegates, but many brothers from every chapter will be able to attend, in order that they may be able to see the inner workings of the Fraternity and come in personal contact with the Executive Council. Every brother who attended the convention in Chicago, I feel sure, though, will go back to his chapter ready to instill in every man, especially the younger brothers, the sound and fundamental principles of learning the ritualistic work at initiation; to put men into office who really have Hammer and Tongs at heart; and to select men who really intend to further the creative profession of Engineering, and to work hand in hand with the other chapters and the Executive Council that Theta Tau may expand and let other deserving men share in this fraternity of creative professional men.

H. L. SULLIVAN, Rho '28.

In the monarchies of Europe when a ruler died, the people would cry, "The King is dead! Long live the King." Our Eighth Biennial Convention is history but "long live the Fraternity of Theta Tau." The convention as a whole was highly successful from a business, financial, and social standpoint. The business sessions and committee meetings were all filled with fire and scrap, tearing a thing down until it looked like shreds and putting it together again, firm, secure and everlasting. All of the delegates were housed at the Windermere hotel, making any one available at a moment's notice and furthermore giving ample room for the committee meetings. Thanks are due Brother Herrick of the Chicago Alumni Association, who had charge of the reservations, for providing the officers and delegates with such wonderful accommodations. The stay at the hotel was a pleasant one for all the delegates, I can assure you.

If any of the delegates had the idea of having an easy vacation in Chicago, they soon found they came for work. The business of the Fraternity was handled in a very efficient manner with the aid of Brother Marine's well chosen committees. The Constitution Committee in particular, with Brother Moore as chairman, worked most of the afternoon of December 29th and again in the evening, following late into the night and finally adjourning at 2 a. m. During the evening of Friday, December 30th, the initiation of two alumni from Omicron was held in the ball room of Hotel Windermere. The chair was turned over to Brother Schrader who performed the ceremony in a very impressive manner and in almost record time. Immediately following the initiation, every one put on the feed bag, and a royal one at that. Brother Hopkins was the Grand Master of Ceremonies, a title which he well deserves. Members of Executive Council and a few of the delegates were called on to say a few words, which in some cases were very serious and in the others, furnished high class entertainment. It was an evening enjoyably spent, making it seem like a large family with Brother Schrader the father of us all. Indeed I am not mistaken if I say that Brother Schrader claims them all as his boys. Convention souvenirs, in the form of cigarette pouches with a miniature Coat of Arms attached, were given out by the Chicago Alumni Association.

It surely was a pleasure to be a delegate to the convention. The delegates were all a real bunch of young engineers, portraying in their actions the

true meaning of Theta Tau. My only sorrow, in remembering the sessions, committee meetings, and banquet, is that every member of Theta Tau could not be there.

T. J. KAUER, Sigma '28.

Without a doubt the Eighth Biennial Convention of Theta Tau was a success. I was impressed by the whole-hearted enthusiasm and fine spirit of coöperation exhibited. The fraternal and brotherly feeling existing at all times resulted very naturally in the successes of the various meetings. Each one of us found that we knew very little of the exact aims and accomplishments of the fraternity. At the various regular and committee meetings when the discussions turned toward such things as chapter organization, extension, finances, and aims, we began to see how little we actually knew of the internal organization and affairs of the Fraternity. The National Officers are to be complimented on the competent way in which they carry on this work. The personnel of the convention was of the finest type. The delegates were men of culture and congeniality; they were democratic and extremely hospitable. This statement can be upheld by a personal conversation which I was fortunate enough to have with the manager of the hotel, in the course of which he stated that the delegates as a whole were above the average and their conduct was highly commendable. He also mentioned that the other guests at the hotel seemed very well disposed toward us. There is every evidence that Theta Tau is becoming a greater fraternity every day. We learned that there is strong internal organization of the chapters, that the members are good scholars who are prominent in campus activities, and that the chapters are popular in their respective colleges. If we are to judge the chapters by the delegates chosen to represent them, the natural conclusion is that Theta Tau is composed of men, who, in the future, will be valuable assets to all branches of the Engineering field. All in all, I will remember the friendships, the helpful suggestions, and the many other things I derived from my first national convention.

GEORGE A. WHITEHURST, Tau '29.

MISCELLANEOUS

R. H. ORMSBEE, Theta '15, is living at 692 Chestnut Street, Reno, Nevada.
A. W. HOLT, Pi '23, is with the Interprovincial Erection Company, of Toronto, Canada.

FRED W. JONES, Rho '26, is with the Goulds Pump Company, 636 Oliver Building, Pittsburgh, Pennsylvania.

HAROLD JEFFERSON, Nu '27, sailed Friday, March 16th for Liberia, West Africa to take up purchasing work for the Firestone Rubber Company. Brother Jefferson entered Carnegie in September, 1924, coming from Syracuse University with advanced standing. He graduated from Mechanical Engineering. He was a member of S. A. E. fraternity. It is noteworthy of Jefferson that he was entirely self-supporting while at Carnegie. With Jefferson are eight other men from the Firestone Company who will look after the company's interests in the Liberia district.

CONVENTION NOTES

WISE OR OTHERWISE

Jimmie Mather felt it his duty, as the only witness, to give a complete report of the Blackbottom Contest conducted in room 1230. We'll let him go on: "It all started when Tom Koch of Epsilon suggested that he and I match to see who should be first to take a bath after arriving from the far west. He won and immediately started in. Everything was peaceful and quiet until all of a sudden Eddie Gifford and I heard what I reluctantly admit sounded like an oath; we turned just in time to see Tom crash to the floor and put on exhibition a remarkable demonstration of the Blackbottom. The whole scene was executed perfectly. I can't see how Brother Gifford could have hoped to do one better. However, the next morning when everything was quiet the same demonstration was put on by Eddie but not with quite so much success; but I must say in behalf of Brother Gifford that he had the disadvantage of knowing that the shower would periodically vary from cold to hot."

Eddie Gifford, the runner-up, generously concedes: "Of course Tom Koch's 'Black Bottom' remains unsurpassed. It certainly is a shame that he was unable to perform before a larger gathering, but he told me, confidentially, that he 'did not choose' to repeat."

* * * * *

It was reported that the stay in Chicago was not entirely filled with business; that some of the delegates managed to promote a poker game following the banquet. The big man seemed to be Brother George Whitehurst. From observation of the games, opinion was ventured that none of the participants could be accused of ill-spent youth if knowledge of poker was used as a basis of judgment; instead it was suggested that delegates to future conventions be instructed in the fundamentals of the game.

* * * * *

The delegates and officers join in greeting Sid Marine:

"And as for you my friend—farewell!"

* * * * *

Jimmie Mather's resemblance to a certain Mr. Hickman of Los Angeles and murder trial fame, led to embarrassment you may not have heard of. When Jimmie climbed off the train at one of the tank towns on the way to Chicago, a mob formed and chased him back into the train.

* * * * *

"Dario Resta" Dickson of Theta chapter almost put part of the delegation in the hospital one night when he took the boys out to show them a real Chicago gun fight (or something equally rough).

It was on this trip that Bob thought the brothers had mistaken his Dad's old Buick for Lindbergh's airplane when someone started to remove the motor as a souvenir.

* * * * *

Tom Koch wants to know:

1. Who'd thought an engineer could operate under a derby?
2. Did you meet the Irishman from Rho who doesn't speak the language yet?
3. How pure must a man be to be a purist?

THE FIRST CONVENTION OF THETA TAU

The First National Convention was held in Minneapolis, Minnesota, February 23rd to 25th inclusive, 1911.

Previous to 1911 the Fraternity was governed by an Executive Council consisting of three alumni and one man from each of the three active chapters then in existence. Of this Executive Council, Brother Erich J. Schrader, Alpha, was Grand Regent; Brother H. H. Hopkins, Beta, was Grand Secretary, and Brother B. B. Walling, Alpha, was Grand Treasurer. Of these three, Brothers Schrader and Walling attended the 1911 convention.


The delegates from the active chapters were Julian P. Farnum and Neil S. Kingsley from Alpha; William A. Rigby and E. H. Snyder from Beta; James Dunn and E. M. Marshall from Gamma.

Meetings were held in the old Y. M. C. A. building at the University of Minnesota and, of course, many important matters were then decided. It was at this meeting that the proposal to make Theta Tau strictly a mining fraternity was rejected, although it was announced as a policy that the fraternity should be particularly favorable to extension to mining schools and colleges. That this policy has been adhered to is shown by the fact that over fifty per cent of our 3500 members are engaged in some activity connected with the mineral industry.

At this convention the number of members of the Executive Council was increased to five, and membership from active chapters was abolished. The new Executive Council consisted of Erich J. Schrader, Alpha, Grand Regent; James B. Lowell, Gamma, Grand Vice-Regent; H. H. Hopkins, Beta, Grand Scribe; B. B. Walling, Alpha, Grand Treasurer, and Chas. A. Kumke, Beta, Grand Marshal.



Back Row: Sneeve, Alpha '11; Fields, Beta '13, ex Alpha; Snyder, Beta '11; Dunn, Gamma '11; Lawyer, Alpha '11; Farnam, Alpha '11; Marshall, Gamma '11; Lewis, Alpha '12; Kingsley, Alpha '11.
Front Row: Perry, Alpha '12; Schrader, Alpha '05; Walling, Alpha '09; Paul Laurence, Alpha '11; Rigby, Beta '11; Haglin, Eta '12, ex Alpha.




In Memoriam

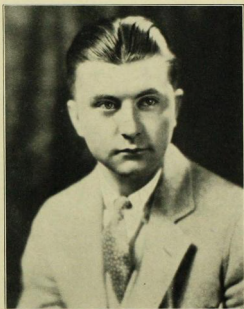
The Executive Council Wishes To Express Its
Deep Sorrow At The Passing Of The Follow-
ing Brothers, About Whom Details Are
Not Available At This Time

ELLIOTT M. MITCHELL, Epsilon '24

WILLIAM S. McLEOD, Beta '22

WILLIAM B. WELLS, Zeta '21





EDWARD DAVID SEERIE

May 6, 1904—August 12, 1927

Edward David Seerie, Pi '28, was born in Denver, Colorado, May 6, 1904. His father, William Smith Seerie, died when Edward was a child, leaving him a rich heritage, as his people belong to one of the old and honored families of Colorado. His people were largely builders and brick manufacturers, who had emigrated from Scotland in the early days of the West and they built many of the largest buildings in the state, including the State Capitol of Colorado, the famed Civic Center of Denver, and many other enterprises of great importance. Edward attended the Harvard Military School at Los Angeles, was a member of the class of 1927 of Princeton University, transferred to the University of Virginia, and would have graduated from the Engineering School there with the class of 1928.

Edward died August 12, 1927, as the result of an accident. The tragedy which brought about his death was very sad. He was returning late at night, taking a friend to the hills, and his machine went over an embankment, on a dangerous curve. He lived for a few days afterward, but never rallied from the shock.

The attendance at his funeral service testified to the high esteem in which he was held and to his wide acquaintance. He was a member of the First United Presbyterian Church of Denver. Dr. R. A. Pollock, his pastor, stated that his was one of the largest funeral services held in the church for many years. Edward was quiet and unassuming in his nature, having that reserve which came from his Scottish ancestry. He was naturally of a kind and generous disposition so that all who knew him, came to love him. His death was a very severe shock to his family and especially to his mother, as Edward was her only child.

The GEAR of THETA TAU

OFFICIAL PUBLICATION OF THE FRATERNITY

DONALD D. CURTIS, OMICRON '19

EDITOR AND BUSINESS MANAGER

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There have been several recent changes in personnel and addresses of the Executive Council. Since these will directly concern the chapters, careful attention should be given these changes so that delays and confusion in mail may be avoided. To bring the data easily before chapter officers, a list is given here of the Executive Council with present addresses:

Grand Regent—PROF. RICHARD J. RUSSELL

Until September 1—Texas Technological College, Lubbock, Texas

After September 1—Louisiana State University, Baton Rouge, Louisiana

Grand Vice-Regent—FRED COFFMAN

Box 489, Duke University, Durham, North Carolina

Grand Scribe—ERICH J. SCHRADER

P. O. Box 244, Reno, Nevada

Grand Treasurer—PROF. JAMISON VAWTER

217 Engineering Hall, University of Illinois, Urbana, Illinois

Grand Marshal—PROF. DONALD D. CURTIS

101 Engineering Hall, Iowa City, Iowa

Grand Inner Guard—RALPH W. VAN

Kalman Steel Co., Wrigley Building, Chicago, Illinois

Grand Outer Guard—HOWARD L. BALDWIN

Box 112, San Francisco, California

The list of lost alumni should be carefully scrutinized by all members with a view to attempting to supply information on some of these brothers. There may still be time to put addresses in the General Directory if they are sent to the editor at once.

In this same connection, if you know any data—addresses or otherwise—on any Theta Tau which you think the GEAR editor may not have, send it in pronto and it may help to make the directory that much nearer complete.

Just as the GEAR goes to press, word has arrived that the petitioning local at Purdue University has been granted a charter. The matter had been held up pending further investigation directed by the Convention. Further details will be presented in a future issue of the GEAR.

TELEGRAM

Miami Beach, Florida, December 31, 1927.

ERICH J. SCHRADER,
Windermere Hotel,
East 56th St., Chicago, Illinois.

Regret very much that circumstances prevent me from being with you in Convention and they have kept me from doing much for Theta Tau in past two years but wish to send greetings and my sincere best wishes for a most successful convention and continued prosperity.

PHIL J. LAURENCE,
Grand Vice-Regent.

TELEGRAM

Berkeley, California, December 29, 1927.

ERICH J. SCHRADER,
Hotel Windermere,
Chicago, Illinois.

Greetings to the Convention wish I found it feasible to be with you best wishes for an effective and enjoyable session and for a happy and successful new year for our fraternity.

GEORGE D. LOUDERBACK,
Past Grand Regent.

EIGHTH BIENNIAL CONVENTION

Committee on Resolutions

Moved: That a vote of thanks be extended to the Chicago Alumni Association and especially to Brothers Van and Herrick, for their work and time devoted to making this Convention a success.

Moved: That a vote of thanks be extended to Kappa chapter for their co-operation with the Chicago Alumni Association in connection with the Convention.

Moved: That a vote of thanks be extended to Brother Curtis for his excellent work in the publication of THE GEAR OF THETA TAU.

Moved: That a vote of thanks be extended to Prof. Clair V. Mann of Iota chapter for his investigation and report on the University of Arkansas.

Moved: That a vote of thanks be extended to the Chicago Alumni Association for its investigations at Purdue.

C. F. SEAMAN, Beta, *Chairman*,
H. L. SULLIVAN, Rho,
JOHN C. MELCHER, Eta.

The motion having been duly seconded by Brother Davis, Nu, was passed by a unanimous vote and the resolutions were ordered spread on the minutes of this Convention.

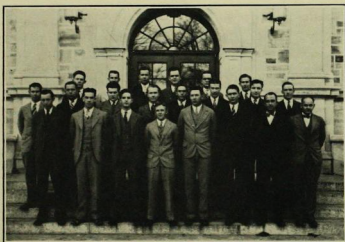
E. J. SCHRADER, Alpha, *Grand Scribe*.

HISTORY OF THE DELTA PSI FRATERNITY

By GERALD D. STOUGH

The Delta Psi fraternity was organized during the school year 1918-1919. It was then known as the Engineers' Club. It was organized for the purpose of promoting the interests of the College of Engineering as well as to foster an interest in student activities. The Club existed until the fall of 1920, merely as the leading body in the activities of the Engineering College. At this time, however, the members, realizing the need of a greater feeling of brotherhood and fraternalism in the Club, reorganized it on a different basis and revised the constitution with the idea of eventually petitioning for membership in a national engineering fraternity.

With this change of policy and with the advent of brotherly relations, the Club became a staunch fraternal organization. Membership was limited to juniors and seniors enrolled in regular courses in Engineering, and was



Front Row (left to right): McGehee, Peter, Spitzberg, Clark, Byrd, Stephens, Stokes, Prof. Spencer.

Second Row: Ray, Richardson, Brooks, Leimer, Schneider, Hubbard, Stough, Huckaby.

Third Row: Pond, Natho, Hart, Owen, Camp, Bowman.

based upon scholarship, practicality, and personality. At this time also it was voted that members, upon graduation, should retain membership in the Club as alumni. After a successful year it was thought that the Club had attained a standing which would warrant petitioning a national body for membership and on March 31, 1921, a petition was sent to the Executive Council of Theta Tau.

The beginning of the school year 1921-1922, found only a small number of the active members of the Club back in school, but these, with the aid of the alumni, selected the most worthy of the men in the junior and senior classes and started off the new year in good shape. During the fall term various letters of recommendation were secured and were sent in to support the petition. But at the convention of Theta Tau the petition was held

over for further information. Then, realizing the deficiencies of the first petition, the group decided to get up a new and more complete one to submit to the Executive Council for consideration. Prior to this the name of the Club was changed to the Delta Psi fraternity, the reason being that such a name was more in keeping with the character and the policy of the organization. The petition sent in at that time was not acted upon.

Since that time every effort has been made within the Delta Psi fraternity to improve its personnel and to perfect its organization. Considerable interest was taken in the Theta Tau fraternity by the members who came back the fall of 1926. Since that time quite a bit of correspondence has been exchanged with the result that another inspector was sent to look the Delta Psi fraternity over in the fall of 1927. A new petition to the Executive Council was made with the result that a charter was granted to the Delta Psi fraternity at the University of Arkansas during the convention held in Chicago in December, 1927.

THE PROFESSIONAL INTERFRATERNITY CONFERENCE

Accepting the invitation of the Conference of Law Fraternities, Theta Tau was one of the twenty-seven national professional fraternities which participated in a "Preparatory Conference" at the Hamilton Hotel, Washington, D. C., on March 2nd and 3rd, 1928.

The purpose of the conference, as announced, was to consider the desirability of forming a Professional Interfraternity Conference and to inaugurate such an association if found desirable and feasible.

Theta Tau was represented by J. Sidney Marine, Eta '18. The fraternities participating included Accounting, Beta Alpha Psi; Advertising, Alpha Delta Sigma; Architecture, Alpha Rho Chi, Scarab; Chemistry, Alpha Chi Sigma; Commerce, Alpha Kappa Psi, Delta Sigma Pi; Dentistry, Alpha Omega, Psi Omega; Education, Kappa Phi Kappa; Electrical Engineering, Kappa Eta Kappa; Engineering, Theta Tau; Forensic, Phi Delta Gamma; General, Omicron Delta Kappa; Law, Delta Theta Phi, Gamma Eta Gamma, Phi Alpha Delta, Phi Beta Gamma, Sigma Nu Phi; Medicine, Omega Upsilon Phi, Phi Beta Pi, Phi Rho Sigma, Theta Kappa Psi; Military, Scabbard and Blade; Pharmacy, Kappa Psi, Phi Delta Chi; Science, Chi Beta Phi.

Definition of Professional Fraternity

In view of the dependence of action upon certain definitions, the Conference directed that a committee be appointed to report a definition of "professional" and of such other terms as might be referred to it. The chairman appointed on this Committee, Commissioner Clyde B. Aitchison, Phi Alpha Delta (Law); Dr. Kramer, Kappa Phi Kappa (Education); Dr. Folkes, Omega Upsilon Phi (Medicine); Mr. Wright, Delta Sigma Pi (Commerce) and Mr. J. Sidney Marine, Theta Tau (Engineering). The following report of the Definitions Committee was adopted after discussion.

The Committee recommends that in the determination of what are professional ideals, the following tests shall be met:

The profession shall—(1) Be generally recognized by Universities and Colleges as a profession, by the creation of courses therein in separate special

colleges, departments, or schools leading up to recognized degrees therein, distinct from the usual general degrees in arts, science, or letters; (2) Have a recognized code of ethics generally accepted as binding upon the members thereof; (3) Recognize the duty of public service as binding upon the members thereof; and (4) Require principally mental rather than manual or artistic labor and skill for its successful prosecution.

Committees Appointed

The Conference took up for consideration, as a basis for discussion, the tentative draft of a constitution and by-laws prepared by the Executive Committee of the Conference of Law Fraternities. During the discussion of this draft a Committee on Constitution was appointed to consider debatable points, hear arguments and bring in at the next day's session, a final draft for adoption by the Conference and presentation to the fraternities represented for ratification.

A third Committee was also appointed to give special consideration, hear arguments in like manner, and bring in a recommendation as to categories which should be regarded as eligible for membership in the Conference.

Professional Groups Considered Eligible

The following categories were tentatively approved for eligibility in the Conference. Only those groups represented in the Preparatory Conference were considered, and it is expressly provided that this list is not intended as a limitation prohibiting the addition later of other categories covering fraternities which may apply for membership and which meet the specifications prescribed in the constitution: Architecture; Chemistry; Commerce, including Accounting; Dentistry; Education; Engineering, including Electrical Engineering; Law; Medicine; and Pharmacy.

A provision was also recommended by the Categories Committee and adopted for incorporation in the constitution, under which membership of a fraternity in whose profession there exists an interfraternity organization, must be approved by such professional body.

Constitution and By-Laws Proposed

The report of the Committee on Constitution was then presented and after discussion and amendment, a constitution and by-laws were adopted for reference to the fraternities represented, and eligible thereunder, for ratification, and to other eligible fraternities for consideration, with a view to application for membership.

The high points of the proposed constitution are contained in Articles II and III, as follows:

ARTICLE II—Purpose

The purpose of The Professional Interfraternity Conference shall be the discussion of questions of common interest and the presenting to the fraternities represented of such recommendations as the Conference shall deem wise. The function of the Conference shall be purely advisory except as to such powers as may be specifically conferred upon it by its constituent members. It shall be the aim of the Conference to encourage high scholarship, professional research, advancement of professional ethics and the promotion of a spirit of comity among the professional fraternities in the advancement of fraternity ideals.

ARTICLE III—*Membership*

(In determination of what are professional ideals, these tests shall be met: here were enumerated the four points recommended by the Committee on Definition of Professional Fraternity.)

The Professional Interfraternity Conference shall be composed of those men's professional college fraternities which—(1) Qualify under and ratify this constitution; (2) Have applied to and received the approval of the Executive Committee, *provided*, that to be eligible to membership in the Conference each fraternity must:

(a) Be devoted to professional fraternity ideals and be national, as distinct from local, in character;

(b) Be established in universities or colleges recognized by the Conference;

(c) Have constitutional provision for national conventions or their equivalent with ad interim authority vested in trustees, directors or other officers who have supervisory control over the affairs of the fraternity and its chapters;

(d) Have been established in its national character for at least ten years;

(e) Have at least ten chapters, five of which have been an established part of the fraternity for at least five years; and *provided further*, that any fraternity in whose profession there exists an interfraternity organization must have the approval of such body.

Fraternities possessing the above qualifications, except in respect of (d) or (e) may, in the discretion of the Executive Committee, be admitted to Junior membership with all of the privileges and responsibilities of regular members except voting. Such Junior members will pay one-half the contributions required of full members.

Other articles provide for representation in the Conference by not to exceed three delegates, annual meetings, officers and an Executive Committee and their functions, finances—an annual contribution of ten dollars—ratification, withdrawal, suspension and expulsion, and method of amendment. The by-laws provide for detail functioning including the provision of necessary standing committees.

*Plenary Conference to be held in New York
November 30, 1928*

The full proceedings of the Preparatory Conference, reported stenographically, are in preparation and will be presented to the fraternity for consideration in advance of the Plenary Conference which was agreed to be held in New York on November 30, 1928. It is expected that all of the fraternities which participated in the Preparatory session will be in attendance, and in addition, a number of others which indicated their approval of the proposal but were unable, for various reasons, to send representatives to the Preparatory meeting.

Provisional Organization and Officers

Before adjournment of the Preparatory Conference a provisional organization was effected under the proposed constitution and the following provisional officers elected: President, Major Jarvis Butler, Sigma Nu Phi (Law); Vice-President, Dr. Ralph W. Elliott, Phi Rho Sigma (Medicine); Secretary-Treasurer, Dr. Stroud Jordan, Alpha Chi Sigma (Chemistry). Executive Committee members, in addition to the above: Dwight P. Ely, Alpha Rho Chi (Architecture) and H. G. Wright, Delta Sigma Pi (Commerce).

RECENT PUBLICATIONS

- Armington, R. Q., Sigma '28,
The Industrial Engineer as an Executive, *The Ohio State Engineer*,
January, 1928.
- Berkner, Lloyd V., Alpha '27,
A Short Wave Radio Set for Airplanes, *The Minnesota Technologist*,
November, 1927.
- Comstock, Elting H., Alpha Honorary,
Petroleum Engineering, *The Minnesota Technologist*, October, 1927.
- DeVane, F. D., Mu '25, ex Alpha, co-authorship with Gandrud, B. W.,
Alpha '21, and Mr. Oscar Lee,
Magnetic Concentration of Iron Ores of Alabama, *Bulletin 278, U. S. Bureau of Mines, Washington, D. C.*
- Erck, Edw., Alpha '28,
Junior Geology Trip, *The Minnesota Technologist*, November, 1927.
- Emmons, W. H., Alpha Honorary,
The State and Density of Solutions Depositing Metalliferous Veins,
Technical Publication 71, The A. I. of M. & M.
- Folwell, John, Omicron '27,
Dewey Portland Cement, *The Transit*, November, 1927.
- Foshag, William F., Epsilon '15,
Quicksilver Deposits of the Pilot Mountains, Mineral County, Nevada,
Bulletin 795-E, United States Geological Survey, Washington, D. C.
- Gardner, E. D., Lambda '05,
Drilling and Blasting in Open-Cut Copper Mines, *U. S. Bureau of Mines, Bulletin 273.*
- Hess, A. I., Omicron '29,
The Iron Ore Capital of the World—Hibbing, Minnesota, *The Transit*,
February, 1928.
- Hurd, M. B., Omicron '28,
The Engineers' R. O. T. C. Summer Camp, *The Transit*, December,
1927.
- Lyman, Richard R., Honorary Lambda '95,
The Mormon Tabernacle and Temple, Salt Lake City, Utah, *Reprinted from Proceedings—American Society of Civil Engineers*, December, 1925, and Temple Building and Ancient Prophecies, *Reprint from Conference Pamphlet, Salt Lake City.*
- Reid, M. J., Omicron '28,
Electrification of the Illinois Central Chicago Terminal, and Air Transportation, *The Transit*, February, 1928.
- The Zenith City—Duluth, *The Transit*, December, 1927.
- Russell, R. J., Epsilon '19,
The Land Forms of Surprise Valley Northwestern Great Basin, *University of California Publications in Geography*, Vol. 2, Number 11, pp. 323-358.
- Stanley, C. M., Omicron '26,
The Government Dam at Louisville, *The Transit*, November, 1927.
- Wheeler, Walter H., Alpha '06,
Thin Dams Have Many Advantages, *Engineering News Record*, February 21, 1928.
- Winters, A. W., Beta '22,
Modern Diamond Drill Equipment and Manipulation, *Engineering and Mining Journal*, November 26, 1927.

LOST THETA TAU ALUMNI

If you know addresses for any of these brothers rush them to the GEAR editor so that they can be put into the directory.

Alpha Chapter

Ek, G. Albion, '16
DeVey, Charles H., '16
Goodridge, Richard S., '23
Randall, Larcorn, '18

Beta Chapter

Alsip, Albert A., '08
Evans, Carl W., '11
Fay, William M., '23
Hughes, William L., '13
Johnston, J. Madison, '24
Kendall, Arthur, '17
McLachlan, Benj. H., '11
Phillips, Robert B., '06
Riker, Eugene A., '10

Gamma Chapter

Anderson, Robt. A., ?
Bauserman, Elliot, '25
Beck, Adolph W. J., '23
Clapp, Leroy P., '08
Hyland, Norbert W., '22
Kilgour, Martin H., '08
McClaren, Robt. L., ?
Mahoney, John F., '17
Shanley, J. R. Jr., '15
Sloan, Francis P., ?
Squire, Latham C., '22
Walker, Stanley M., '11
West, John R., '10

Delta Chapter

Arms, Chas. S., '12
Hampton, Donald V., '23
Hebeler, Leo W., '24
Householder, Ross E., '18
Meyers, Robt. E., ?
Severin, Carl, '10
Von Kaske, Karl, '24
Whelan, Ralph J., '21
Wherry, Harry B., '23

Epsilon Chapter

Bostick, Jos. W., '10
Erskine, Neil M., '24
Feeley, John C., '13
Hegeman, A. K., '14
Hendricks, John A., '14
Miller, Wm. B., '16
Otis, Burdette, '13
Perry, Paul, Jr., '25
Scarfe, Geo. O., '13
Shenon, Philip D., '22
Smith, Frank M., '14
Starbird, Roy, '17

Vail, Randolph R., '11
Trescher, Ferdinand, '20

Zeta Chapter

Ackerman, Arthur T., '26
Bown, Wm. F., '21
Englund, Karl H., '26
Hunt, James L., '16
King, Ralph A., '25
McCune, Malcolm L., '15
Patton, Lane, '24
Slichter, Francis, '27
Swanson, Paul F., '27
Templin, Arthur W., '16
Thee, Theodore C., '27
Ward, Richard B., '13

Eta Chapter

Benson, Arthur F., ?
Bowman, Harry L., ?
Curtis, Brian C., ?
DeGanahl, Carl, ?
Johnson, Geo. R., ?
Johnson, Norwood P., ?
Miller, Edw. F., Hon.
Nelson, Louis M., ?
Nielsen, Otto E., ?
Parker, Wm. N., '22
Robertson, Wm. C., ?
Smith, Harrison Wm., ?
Taylor, Edw. A., ?
Walton, Kenneth B., ?

Theta Chapter

Klein, Karl F., '16
Thomas, James A., Jr., '15
Wright, Fred S., '12

Iota Chapter

Shore, Harold F., '22
Schuman, Edwin K., '20
Stubbins, John R., '20
Turner, Wm. D., Hon.
Zoller, Henry E., '23

Kappa Chapter

Borgeson, Carl A., '25
Chamberlain, H. C., '22
Dutton, Herbert B., '17
Gerdes, W. F., Jr., ?
Hopper, Chas. M., '27
Kuenzli, John F., ?
Langdon, Paul E., '20
Peck, Roy L., '17
Reed, Maurice J., '17
Reichelderfer, Harry '18
Ryan, W. Emmet, '23

Stanger, LeRoy A., '27
Tucker, Morrell L., '26
Welsh, J. R., ?
Winkler, J., ?
Wright, Clarence S., '21

Lambda Chapter

Barker, Howard, '14
Caulfield, Jos. P., '22
Christensen, Lawrence, '11
Dunyon, Albert F., '21

Mu Chapter

Cole, Guy M., '24
Collins, Clarence G., '25
Hamilton, Wm. Earl, '23
Patton, John J., '22

Nu Chapter

Baugh, Harold A., '24
Baugh, Elbert A., '25
Morenus, Orland, '24
Pannek, Julius J., '22
Porterfield, David C., '23
Richard, Lewis D., '24
Sullivan, Wm. G., '24
Witherow, Chas. N., '23

Xi Chapter

Chapman, Theron L., '24
Ritchie, Wm. E., '24
Hageler, Edw. C., ?
Miller, Noel H., ?
Peterson, Wilbur J., ?
Rye, Frederick S., ?
Schmidt, Geo. L., ?
Thayer, F. W., ?

Omicron Chapter

McLarney, Wm. J., ex '29
Sloan, Clarence O., '24

Pi Chapter

Beale, H. A., ?
Harman, Leroy C., '23
Martin, Thos. S., Jr., '24
Mathiason, Herbert, '26
Mayers, Lloyd C., '26
Smith, G. T., Jr., '26
Tatum, Geo. M., '24
Wise, S. G., ?

Rho Chapter

Biberstein, Richard V., '21
Fox, Wm. H., '25
Trantham, Frank S., '24

Sigma Chapter

Klinck, Merle S., '26

ALUMNI NOTES

ALPHA CHAPTER

TOM ANDREWS, '26, who has been at N'Changa, Northern Rhodesia, Africa, came back to Minneapolis for a visit this spring, and expects to return to Africa shortly for an indefinite stay. On arrival at the mine, Tom found that the superintendent was Russell J. Parker, Gamma '19.

LLOYD V. BERKNER, '27, will study for his Master's degree during the coming year, under a fellowship in which he will be in full charge of the radio station at the University of Minnesota. During the summer, Berkner spent most of his time flying in navy sea planes at the naval reserve air station, Great Lakes, Illinois. He also spent considerable time experimenting on a battery-operated short wave radio sending and receiving set for aeroplanes.

I. B. HANKS, '07, one of the founders of Theta Tau, attended the Founders' Day banquet last fall in Minneapolis and gave a very interesting account of the early days of the fraternity.

These men are on the *Minnesota Technologist* staff:

GORDON C. HARRIS, '29, Editor-in-Chief; LEON MEARS, '29, Feature and Exchange Editor; NATHAN DAVIES, '28, Departmental Editor; CARL BARTHELEMY, '28, Technologist Board.

EVANS HEALY, Alpha ex '29, is now attending Lehigh University.

CYRIL D. JENSEN, '21, is on the faculty at Lehigh University.

ADRIAN A. KEARNEY, '23, is with the Northern States Power Company in charge of the sales department, St. Cloud, Minnesota.

B. J. LARPEUTEUR, '25, was married to Miss Edythe Mae Fairbanks of Minneapolis, at the Church of the Incarnation, early in February. BERKELEY R. LEWIS, Alpha '25, was one of the ushers. Brother Larpenteur was president of his class in his senior year. Mrs. Larpenteur also attended the University of Minnesota. Since graduation, Brother Larpenteur has been connected with the Mines Experiment Station at the University of Minnesota. He and Mrs. Larpenteur will make their home in New York City, where Brother Larpenteur has recently accepted a position with The Dorr Company as engineer.

RAYMOND W. KELLER, '25, is at present in Tamatave, Island of Madagascar, traveling for the W. T. Raleigh Company, of Freeport, Illinois.

HENRI LA TENDRESSE, '23, had Thanksgiving dinner with Brother Tom Andrews, at N'Changa, Northern Rhodesia, Africa. He is prospecting in the African jungle, and they have not seen each other since that time.

JOHN MARCROFT, '27, who is designing different types of water systems for the Public Works Department of the Federal Government at Guantanamo Bay, Cuba, writes as follows: "If it were not for the fact that this is so much like a prison sentence, in that I must stay here for two years, it would be just like a big vacation. We quit work every afternoon at 3:45 and then follows a long horseback ride, a few sets of tennis, or a swim in the fine pool that has been fixed up in the bay."

- DONALD MARSHALL, '19, and Mrs. Marshall, of Staten Island, New York, announce the arrival of Washington Yale Marshall, on October 1st, 1927. The young man's great-uncle, Washington Yale, ('98L) is a Minnesota graduate, as well as his grandfather, Robert E. Ford ('95E, '03). With Donald Junior who is four, and Robert James who is two, the Marshalls have almost enough for a backfield for a Minnesota team. Mrs. Marshall writes that in some not too far distant day, she and her husband may come back for Homecoming.
- DONALD MCGILVRA, '18, is foreman of the Black Rock mine, Butte, Montana.
- FRANK MOONEY, '23, who is now open hearth foreman for the Illinois Steel Company at its Gary plant, took the fatal step and was married to Miss Helen Mahony of Gary on September 12th.
- J. C. O'BRIEN, '12, who was foreman for the Anaconda Copper Company at Conda, Idaho, for a number of years, is living at 255 West George Street, St. Paul, Minnesota, at present, and attended the Founders' Day banquet and spring meeting of the T. C. A. A.
- ROY H. OLSON, '23, completed a course in law, and now is with the patent department of the Western Electric Company of Chicago. He was chairman of the Committee on Arrangements for the boat trip sponsored by the Chicago unit of Minnesota engineers, on Sunday, June 26th, 1927. The trip was a real success. Roy gets around to the engineers' activities up there quite frequently. He was married August 29th to Muriel Sommer Meyer.
- EINAR O. PEARSON, '27, now lives at 702 North Monroe Street, Peoria, Illinois. He is with the United States Engineers.
- P. T. REUTER, '21, and Mrs. Reuter (Dorothy Sullivan) since their marriage in June, 1926, have been living in Boston. Mr. Reuter is employed as manager of the Boston office of the Bailey Meter Company. Their little daughter, Anne Frances, arrived on September 17, 1927, and is a great "Reuter" for her parents' alma mater.
- WM. A. ROSE, '06, has been put in charge of all the iron mining operations of the Pickands Mather companies. He has moved from Duluth to the head offices of the company in Cleveland, Ohio.
- WARREN R. SHOLES, '19, is Mineral Inspector with the United States Department of the Interior. His address is 323 Post Office building, Denver, Colorado.
- CHARLES T. SKAROLID, '24, is supervisor of Foreign Wire Relations, General plant department of the Northwestern Bell Telephone Company instead of as listed in the alumni directory for June, 1927. "Chuck" can be reached at 1303 Telephone Building.
- FRED C. TESKE, '27, who has been working with the U. S. Army Engineers at St. Paul, is now connected with the budget department of the Northern Pacific railroad at St. Paul.
- CARLTON S. WALLACE, '17, is with the Sunset Tile Company, 1027 North Sycamore, Los Angeles, California.
- H. J. WASSON, '14, has an office as Petroleum Geologist in New York City. He was married last fall but we do not know to whom.
- SETH N. WITTS, '27, is with the Northern States Power Company in Minneapolis.

ERICH J. SCHRADER, '05, has been visiting his mother in St. Paul since the convention. He made a trip to Chicago and Purdue in the interest of Theta Tau. Recently he spent two weeks at Iowa City working on the Theta Tau Directory which is in preparation. While in Iowa City, Brother Schrader addressed the faculty of the College of Engineering on "The Work of a Mining Engineer." His own work is entirely consulting, and consists largely of valuation.

EDWARD WITT, Alpha '27, is with the Concrete Steel Company, St. Paul, Minnesota.

STUART V. WILLSON, Alpha '24, who will long be remembered for his "back-breaking" game of football against the Haskell Indians in '23, is now power sales engineer in La Crosse, Wisconsin, with the Northern States Power Company. Announcement was made some time ago of his marriage to Marie Carlson of Seattle, Washington. Stuart's effervescent nature just keeps him bubbling over with energy all the time, and although the former track team captain has attained considerable avoirdupois, it is still believed that he can do the 100-yard dash in ten and two-fifths seconds.

BETA CHAPTER

FRANK V. HICKS, '15, who has been with The Union Pacific Coal Company as Engineer of Standards, has recently been promoted to the position of Director of Mechanical Loading, having charge of the

mechanical loading in all mines which have been mechanized. The Book of Standards which has been developed under Mr. Hicks' supervision, has been useful in establishing many standard practices in connection with the mining operations of The Union Pacific Coal Company. Mr. Hicks is a native of Michigan, having been born at Edwardsburg in that state. After graduating from high school, he became a student at the Michigan College of Mines, graduating there in 1915 with the degree of Engineer of Mines. He was a member of Theta Tau, an engineering fraternity, and also of Tau Beta Pi, honorary engineering fraternity. After graduating, Mr. Hicks went to Bisbee, Arizona, as a member of the engineering staff of the Shattuck Copper Company. While in this territory during



FRANK V. HICKS, Beta '15

1918, he enlisted in the service of Uncle Sam, going first to the Officers' Training School at Camp Taylor, Kentucky. Later in that year, he

was demobilized and entered the service of the Washington Union Coal Company at Tono, Washington, as resident engineer, later coming to Rock Springs, as Engineer of Standards. Mr. and Mrs. Hicks, with Miss Ruth and Master Sherman, live in Wardell Court, Rock Springs. *Union Pacific Coal Company, Employees' Magazine.*

RALPH M. MOON, '20, spent the summer in northern Michigan but has now returned to India where he is manager of the Ingersoll-Rand Company of India, Ltd., Box 468, Bombay, India.

ROY B. EARLING, '08, is Consulting Engineer for the Fairbanks Exploration Company, a large gold dredging enterprise at Fairbanks, Alaska.

LYLE SMITH, '24, ex Alpha, who was with the Sullivan Machinery Company at El Paso, Texas, for a number of years is now in Minneapolis living at 312 Harvard street, S. E. He reports meeting members of Theta Tau at various mining camps in northern Mexico and that he saw a good deal of HOWARD FIELDS, Beta '13, ex Alpha, who is with the A. S. & R. Company, in El Paso, Texas.

GAMMA CHAPTER

W. B. CASE, '20, is with the Roxana Petroleum Corporation, Shell Building, Shell Corner, P. O. Drawer D-15, St. Louis, Missouri.

OTTO HERRES, '11, was elected president of the Rocky Mountain Coal Mining Institute at the semi-annual convention at Salt Lake City, February 29th.

HOMAR L. JOHNSON, '25, has accepted a position on the editorial staff of the Engineering & Mining Journal, 10th Avenue at 36th Street, New York City.

P. M. McHUGH, '11, is president of the Dorr-Petrie Company in New York.

RUSSELL J. PARKER, '19, is superintendent of a mine at N'Changa, North Rhodesia, Africa.

DELTA CHAPTER

DR. ROBERT J. ANDERSON, '14, is now with the Fairmont Manufacturing Company, Fairmont, West Virginia.

JOHN M. BYRNS, '27, holds a research fellowship at Carnegie Institute of Technology. He is working on "Formation and Identification of Inclusions" as noted in *Science, Vol. LXVI, No. 1716, November 18, 1927.*

THOMAS M. CHAPMAN, '27, is doing research work at the plant of the National Malleable Steel Castings Company in Cleveland.

M. F. CRASS, '26, spends his time bossing a furnace crew at the Toledo Furnace Company, Toledo, Ohio.

D. T. DOLL, '27, in addition to carrying on his work with the U. S. Aluminum Company, took time last fall to demonstrate his football ability to the natives of the Keystone state and the following is an excerpt from a Pittsburgh paper discussing the professional league in western Pennsylvania: "Quite a number of first-class gridders were in view for every position with the exception of quarter-back, which finds one of the greatest performers ever seen in Western Pennsylvania 'Billy' Doll, who directed the work of the championship Burns Club team. Doll was in a class by himself in running back punts, he was on either the receiving or throwing end of every pass—without going into detail, Doll could do everything that a brilliant quarter should do, and therefore he is unanimously named to the honor position of captain of the first all-star team."

- W. F. MECKEL, '27, is in Moscow! But it's a long way from there to Moscow, the Russian capitol, for "Walt" is just attending the University at Moscow, Idaho, on a fellowship.
- M. E. NALL, '27, is now doing surveying and municipal work for the P. W. Elwell Engineering Company, Cleveland, Ohio.
- R. J. KAPPANADZE, '27, is taking the student course with the Ohio Bell Telephone Company and hopes soon to be a regular in the ranks of the corporation.
- JAY OWINGS, '27, is with the Gas Appliance and Research Department of the American Gas Association at Cleveland.
- J. W. THOMPSON, '27, has assumed the rôle of advertising man and each morning we find him slaving his life away at the office of the Griswold-Eshleman Company, Cleveland, Ohio.
- December 29-31, Case School of Applied Science was the scene of the thirtieth annual convention of the National Geological Society of America, The Mineralogy Society of America, and The Society of Economic Geologists. Dr. FRANK R. VAN HORN (Honorary Delta), secretary of the organization, was in complete charge of the convention and the entire group of delegates expressed their approval of the very efficient manner in which the arrangements had been made. Dr. Van Horn is an eminent member of the association of world-famous scientists and was re-elected to the position of secretary without opposition.
- GEORGE L. TROPPEMAN, '10, is living at 1401 Chelton Avenue, Pittsburgh, Pennsylvania.

EPSILON CHAPTER

- EDGAR BOADWAY, '25, returned from Nome last November. Ed's experience with flying has intensified his interest. He and his pilot were lost for three days when trouble developed while they were making a flight from Nome. Ed is learning the art himself now and expects his pilot's license in the near future.
- ARTHUR BROWN, '27, is located in Goldfield, Nevada, and employed as a mining engineer.
- W. G. DONALDSON, '24, returned from Rancagus, Chile, where he was employed by the Braden Copper Company. Bill is now pursuing graduate work in geology.
- JAMES P. FOX, '24, who has been a notable figure in the activities of the fraternity, left in December for Texas and will go to Mexico some time in January. "Whitey" will be on the geological staff of the Richmond Petroleum Company.
- KENNETH L. GOW, '25, has recently returned from a year's stay in Britain. He is now working for the Gypsy Oil Company, Box 2044, Tulsa, Oklahoma.
- GORDON HEID, '25, returned to the University for graduate work. He will leave some time this spring.
- CARLTON D. HULIN, '20, who was on leave from the Geology Department of the U. C. last year, returned last August. As usual the boys are discovering a lot of new minerals but it's hard to convince Carl.
- CLARENCE R. KING, '22, who was formerly with the California Rand Company is now with the United Verde Copper Company at Clarkdale, Arizona.

- RALPH ALBERT MCGOEY, '27, who is employed by the Shell Oil Company of California, Los Angeles, was just recently married to Nina Locke, a Los Angeles girl.
- FRANK A. MORGAN, '20, formerly associated with E. A. Starke, announced the opening on January 1st, 1928, of offices at Suite 1021 Security Title Insurance Building, Sixth Street at Grand Avenue, Los Angeles, California. Geological Examinations, Appraisals, Estimates of Oil Reserves for Taxation and Commercial Purposes.
- J. W. OLMSTED, '25, is in his third and last year at Oxford, as Rhodes scholar from California. This year he is captain of the 'Varsity tennis team. His address is Magdalen College, Oxford.
- E. N. PENNEBAKER, '24, returned to the University for graduate work. He will leave some time this spring.
- A. O. WOODFORD, '13, Professor of Geology at Pomona College, and RALPH B. STEWART, '24, who has been doing research at the Philadelphia Academy of Science, will leave for Italy during January. During Professor Woodford's absence, Brother PAUL H. DUDLEY, '25, has charge of the Geology Department at Pomona.
- H. L. PASCOE, '20, was elected vice-president of the Rocky Mountain Coal Mining Institute at the semi-annual convention in Salt Lake City, February 29th.
- ALAN PROBERT, '25, Assistant Superintendent of the Sunnyside Mining and Milling Company, of Eureka, Utah, is doing experimental work for that company in Salt Lake City, and is living at 234 East 5th South, in the Brocklane Apartments.
- RICHARD J. RUSSELL, '19, recently announced that he has accepted an Associate Professorship in Geology at Louisiana State University. He will take up his duties there this fall. He has acted in a similar capacity at Texas Technological College the past two years.

ZETA CHAPTER

- A. J. "ABIE" ALPORT, '22, was assistant engineer on the Mew Midland Theatre just completed at Kansas City, Missouri.
- ARNOLD A. BELL, '20, is now with the John McNabb & Sons Construction Company, in Grand Rapids, Michigan.
- JOHN W. BUNN, '20, is now an assistant football coach at the University of Kansas.
- GEORGE R. BENZ, '25, is a research engineer for the Phillips Petroleum Company and is now located in Detroit, Michigan.
- EVERETT CARLSON, '25, is with the Powers Regulator Company in St. Louis, Missouri. He is also president of the Kansas University Alumni Association.
- PAUL CORNELIUS, '23, is with the Sullivan Machinery Company of St. Louis, Missouri.
- CLIFFORD DAVIS, '26, is now with the Kansas City Southern at Ada, Oklahoma.
- PAUL ENDACOTT, '23, was recently chosen a director of the Kansas University Alumni Association. He is still employed in the general offices of the Phillips Petroleum Company, at Bartlesville, Oklahoma.
- GEORGE L. HAWLEY, '23, has recently been promoted to a very responsible position with the United Water, Gas and Electric Company, with headquarters at Hutchinson, Kansas.

- LYNN HIBBS, '26, is now with the Coleman Lamp Works, at Wichita, Kansas.
- HOWARD "CHIG" HINES, '28, is employed in the office of the chief engineer of the Nevada, California, Oregon railway, at Alturas, California.
- HAROLD HILKEY, '27, is taking the General Electric test course at Schenectady, New York.
- J. J. JAKOSKY, '20, who is consulting engineer for the Radiore Company which uses a geophysical method of prospecting, is giving a series of lectures at the University of Utah under the auspices of the U. S. Bureau of Mines.
- WALLACE M. JAMES, '25, is the proud papa of a little girl born on January 3rd, 1928.
- PROF. J. O. JONES, Honorary, taught summer school and tried fishing in Cass Lake but he was too interested in flood control problems to catch many fish. He is working with the government in an effort to solve the problems of controlling floods on the Mississippi river.
- E. F. "KINNEY" KINDSVATER, '23, announces the arrival of a daughter, born on December 29, 1927.
- ALEX KENNEDY, '25, is now with the Link-Belt Company at Chicago, Illinois, and is also connected with the Chicago Alumni Association of Theta Tau.
- STANLEY LEARNED, '24, was married January 28, 1928, to Miss Mary Helms, at Dallas, Texas.
- DONALD LITTLE, '29, entered West Point last July and is now a Plebe.
- DEAN MCGEE, '26, is now in Peru as a member of a Phillips Petroleum Company geology party.
- RALPH W. NICHOLS, '26, is production manager for the Missouri Boiler Works Company, Kansas City, Kansas.
- ROBERT "BOB" PATTERSON, '27, is now in Elkhart, Indiana, working on a sewer construction job, representing Burns and McDonald, a Kansas City firm.
- E. C. PERKINS, '27, has recently been made superintendent of a new water plant just located at Bartlesville, Oklahoma.
- FRANK QUINN, '26, is with the Lane Bowler Company of Memphis, Tennessee.
- WALTER RISING, '27, is back in school this semester.
- R. M. "MUGS" RYAN, '24, has been transferred to the Kansas City office of the General Electric Company.
- G. C. SHAAD, Honorary, Professor of Electrical Engineering at the University of Kansas, has been appointed dean of the School of Engineering and Architectural Science, January 6, 1928.
- ROBERT Q. SHARPE, '24, is now living at 18720 Charleston street, Detroit, Michigan. He is a sales engineer with the General Electric Company.
- J. O. JONES, Honorary, has been at the house frequently this year and attended the Founders' Day banquet and the spring meeting of the T. C. A. A.
- A. E. SCHANZE, '22, is now in the Philippine Islands, Quarters 76, Fort McKinley Rizal.

ETA CHAPTER

- ROBERT W. ROGERS, '26, has been announced engaged to Miss Rosamond Hoyt Lefavour, of Winchester, New York. "Jiggs" is associated with L. P. Hunter & Company, Yacht Brokers and Naval Architects.
- ALLEN B. BASSETT, '26, is now living at 94 Montclair Avenue, Montclair, New Jersey.
- THEODORE Z. HAVILAND, '17, is mechanical engineer with the Dolphin Jute Mills Company, of Paterson, New Jersey.
- GEORGE PRIEST IGLEHEART, '17, is production manager for the One Box Machine Makers, of Rockaway, New Jersey.
- LYALL LOVE STUART, '21, is vice-president and general manager of the St. Louis Structural Steel Company, St. Louis, Missouri.
- JOHN B. DRISKO, '27, is in Europe and can be addressed care of American Consulate, Danzig Free State, Germany.

IOTA CHAPTER

- HARLAND H. HOPPOCK, '20, is at present in Tamatave, Island of Madagascar, traveling for the W. T. Raleigh Company, of Freeport, Illinois.
- JAMES L. HEAD, '16, was married to Miss Lillian Lee Pratt in New York City. Brother Head and his bride then went to Chili, South America, where he has been in the employ of the Chili Copper Company for some years.
- EDWARD J. MCKEE, '21, is living at 508 East 14th Street, Bartlesville, Oklahoma.
- KARL A. HASSELMANN, '25, is representing American capital in Germany and living at Hillman's Hotel, in Bremen, Germany.

KAPPA CHAPTER

- HAROLD C. ECKART, '22, is recovering from tuberculosis which overtook him in January, 1927, while in India with Ingersoll-Rand Company. His address is 89 Park Avenue, Saranac Lake, New York.
- O. F. BURNETT, '26, is with the Kelso-Burnett Electrical Company, in Chicago.
- R. S. CANNON, '26, is engaged in construction work in Central America.
- HARRY DARBY, JR., '17, is president and manager of the Missouri Boiler Works Company, at Kansas City, Kansas.
- A. HEINEMAN, '26, is assistant to the president of the Chicago Bridge and Iron Works.
- A. F. MCCRODY, '26, is with the Kelso-Burnett Electrical Company, in Chicago.
- J. M. STREET, '27, is attending the General Electric Company's school at Lynn, Massachusetts.
- SHERRY W. JOHNS, '27, is at Cape Palmas, Liberia, West Africa.

LAMBDA CHAPTER

- HOWARD L. BALDWIN, Honorary, Associate Professor of Civil Engineering at the University of Utah, resigned July 1, 1927, to go into engineering practice at San Francisco.

GEORGE B. McLEESE, '24, who is with the Oregon Short Line Railway has been transferred to Salt Lake City and is now living at 1163 Princeton Avenue.

MERVIN B. HOGAN, '27, is with the General Electric Company in Pittsburgh, Pennsylvania.

IRA J. KAAR, '24, and Brother CLYDE COOMBS, '25, are with the General Electric Company in Schenectady, New York.

LEWIS K. JACOBSEN, '22, has been in New York completing arrangements to start for Mount Isa, in Australia, where he will be in charge of the development of flotation practice for the treatment of the complex lead-silver-zinc ore. The Mount Isa company is now controlled by the Russo-Asiatic group in London, and the selection of Brother Jacobsen for this important task is recognition of the successful work that he has done in the Rocky Mountain region, particularly at the Utah Apex concentrator in Bingham Canyon, on the selective flotation of lead, zinc, and copper. Brother Jacobsen sails from Vancouver for Sydney this month. He is a graduate of the University of Utah, with a B. S. in Mining Engineering. Besides being a member of Lambda chapter, of which he is roll number 68, he is a member of Beta Theta Pi. Before working with the Utah Apex Mining Company, Brother Jacobsen was with the U. S. Bureau of Mines doing work in concentration at the Salt Lake City station.



LEWIS K. JACOBSEN,
Lambda '22

MU CHAPTER

ROBERT H. BAUGH, JR., '27, an American student at Oxford, recently gave Arthur Havers, prominent British golfer, a severe drubbing when a team of prominent English pros played the Oxford contingent. His victory over Havers and his play in other matches has caused quite a ripple among British golfing circles. Baugh showed he had the requisite fighting qualities when, after losing the first three holes in a row to the Britisher, he went on to win the match.

This is Baugh's first year at Oxford. He is a graduate of the University of Alabama, and for years has been one of the most prominent younger players in the south. At one time, he was southern inter-collegiate champion and holder of numerous state and city titles in the south. Baugh expects to compete in all the important meets in England and on the continent this year, as much as his studies will permit. He already has cinched a place on the Oxford team, and has been awarded the coveted "Blue" given athletes of Oxford. Brother Baugh's address is Wadham College. *Newspaper Clipping.*

B. N. GROSS, '25, is Superintendent of Construction, Salmon & Cowin, 711 N. 9th Street, Birmingham, Alabama.

J. B. MARTIN, '23, is Service Representative of the Hercules Powder Company, Volunteer Building, Chattanooga, Tennessee.

OMICRON CHAPTER

- CARLETON H. LEWIS, '27, has accepted a position on the engineering staff of the Iowa State Highway Commission, Ames, Iowa.
- GORDON LUNT, '21, is sales engineer for the Pittsburgh-Des Moines Steel Company working from the Des Moines, Iowa, office.
- R. B. KITTREDGE, Honorary, secretary of Iowa Section of American Society of Civil Engineers, reported at the annual meeting in Des Moines, November 16th, on the local sections conference held at Denver, Colorado.
- DICK C. THOMPSON, '26, is County Sanitary Engineer of Davidson County, Tennessee.
- RALPH W. VAN, '25, recently became the proud dad of a seven-pound boy, William Garth.
- DICK VAN GORP, '26, and T. L. HERRICK, '22, are in the employ of the Chicago Sanitary District with headquarters at Chicago, Illinois.
- JOHN HOLBROOK, '24, is with the Automatic File & Index Company, Greenbay, Wisconsin.
- ALBERT CARLSON, '27, has recently been made manager of the Colfax office of The Des Moines Electric Co., and the story has it that his promotion from the home office to the managerial job was made subject to the condition that he assume the bonds of matrimony. There was no trouble on this score and Al qualified in record time. No information is available as to who the lucky girl is.
- MASON STÖBER, ex '25, who graduated at West Point last spring, is now Second Lieutenant, U. S. Army, at Fort Bragg, North Carolina.

SIGMA CHAPTER

- R. Q. ARMINGTON, '28, is corresponding secretary of Tau Beta Pi.
- P. E. CROUCH, '27, is with the Ohio Inspection Bureau at Youngstown, Ohio.
- C. R. HANES, '24, is a member of the firm of Downing & Hanes, engaged in general engineering practice at Lima, Ohio.
- R. C. HICKMAN, '24, is surveying a hacienda at Goylarisquisga, Peru, S. A.
- The Department of Electrical Engineering has recently announced its list of honorary students, based on the work of one or both of the spring and summer quarters. Honors are determined by a point ratio of 3:00 or above. Honor men in this department receive certain special considerations, such as special freedom in making substitutions, permission to carry special reading courses, and to take courses "in absentia." The following Theta Taus were in the list: H. E. ASHMEAD, '29; R. J. EBNER, '28, and E. R. ROBINSON, '29.
- A number of Theta Taus who were delegates to the Tau Beta Pi convention held at Columbus, Ohio, were guests of Sigma Chapter over the weekend. They were Brothers MORRELL H. BLES, Tau '28; GEORGE CASH, Zeta '28, WILLIAM S. TEMPLE, Iota '28; EDW. F. JOACHIM, Pi '27; J. W. FOSTER, Theta '28, and CARLTON H. LEWIS, Omicron '27.
- GEORGE E. ZIEGLER, '24, is with the Atlantic, Gulf and Pacific Company, of Manila, and can be addressed at Box 626, Philippine Islands.
- PAUL E. CROUCH, '27, was married on February 4, 1928, to Miss Thalia Catherine Hawkins, of Dormont, Pennsylvania. Mr. and Mrs. Crouch are now living at Canfield, Ohio.

THETA TAU PROFESSIONAL CARDS

DON C. BILLICK

Epsilon '13
Consulting Mining Engineer
24 Avenue 38
Venice, California

J. D. BRANCE

Mu '22
Industrial Engineer
Specialist to the Petroleum Industry
1809 Post Dispatch Building
Houston, Texas

V. A. BRUSSOLO

Epsilon '20
Engineer, Moctezuma Copper Co.
Pilares De Nacozari
Sonora, Mexico

T. W. CALLAHAN

Gamma '14
Geologist
501 Texas Theatre
San Antonio, Texas

FRED COFFMAN

Lambda '15
Asst. Chief Engineer
Duke Construction Company
(Builders of New Duke University)
Durham, N. C.

W. V. DeCAMP, E. M.

Gamma '08
General Superintendent
United Verde Copper Co.
Jerome, Arizona

GEORGE H. HARDING

Sigma '26
Coulson & Harding
Civil and Municipal Engineers
Land Developments, Power Investigations, Surveys—Air, Ground, Topographic or Harbor
609-10 Gerke Building
Cincinnati, Ohio
Main 7611
Any Size, Anywhere, Any Time

IRVING D. JAKOBSON

Eta '21
Marine Architect and Engineer
Foot of 16th Avenue
Brooklyn, N. Y.

PAUL A. LAURENCE CO., Inc.

Alpha '11
Builders
Paper Mills—Power Plants
Boiler Settings
832 Builders Exchange
Minneapolis, Minn.

PHIL J. LAURENCE

Alpha '15
Engineer for Johnson, Drake & Piper
Hill Building
Miami Beach, Fla.

J. SIDNEY MARINE

Eta '18
Vice-President and Secretary
Arlando Marine Co., Inc.
Quarry Sales Agents
7 East 42nd Street
New York City

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DONALD F. PANCOAST

Delta '17
Moulton & Pancoast
Consulting Engineers
214 Hippodrome Building
Cleveland, Ohio

LYNN WM. RAYBOULD

Lambda '22
Architectural Engineer and Draftsman
528 South West Temple Street
Salt Lake City, Utah

ERICH J. SCHRADER

Alpha '05
Engineer of Mines
Consulting and Management
Box 244
Reno, Nevada

O. E. STONER

Iota '20
Petroleum Geologist
112 Tulhoma Building
Tulsa, Okla.

H. R. THORNBURGH

Epsilon '22
Geophysicist
Seismograph, Torsion Balance Magnetometer
With Roxana Petroleum Corp.,
Houston, Texas
(Not open for outside engagements)

THOS. VARLEY

Lambda '07
Consulting Metallurgical Engineer
Flotation, Ore Dressing and Metallurgical Tests
Office and Laboratory
453 South 10th East Street
Salt Lake City, Utah

BEN B. WALLING

Alpha '09
Realtor, Specializing in Business and Industrial Properties
1046 McKnight Building
Minneapolis, Minn.

WALTER H. WHEELER, E. M.

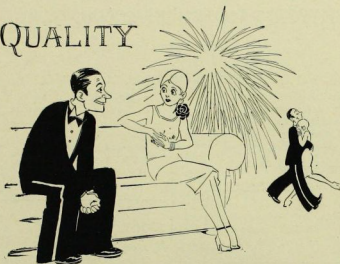
Alpha '06
Designing and Consulting Engineer
Investigations, Reports, Plans, Specifications, Supervision of Construction, Valuations for Structures, Bridges, Buildings, Dams, Manufacturing Plants, etc.
Metropolitan Life Building
Minneapolis, Minn.

GEORGE H. YEOKUM

Zeta '17
Gaines, Yeokum and Mackey
Bridge Contractors
Oklahoma City, Okla.

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LOS ANGELES

SEATTLE

STATE COLLEGE



