

The GEAR *of* THETA TAU



Spring, 1930

VOLUME XX

NUMBER 2



The GEAR *of*
THETA TAU



SPRING, 1930

VOLUME XIX NUMBER 2

EMPLOYMENT BUREAU

THE Ninth Convention took important steps in revitalizing the fraternity employment bureau which had not been able to function efficiently during the past biennium. The opportunity of such a bureau to be of practical service to the fraternity is great. Alumni wishing to better their situations can avail themselves of information in regard to employment in all parts of the United States and many foreign countries when the bureau has established itself.

The present management intends to collect data on employment on a world-wide scale, since Theta Taus are to be found in all parts of the world. Alumni wishing to employ men and men looking for change of employment will find a means of contact through the employment office.

The convention approved an appropriation which enables the new management of this employment service to have the necessary filing system and stenographic help. A small fee, customary for such service, is to be charged to anyone benefiting from the bureau, and it is felt that this adjunct of Theta Tau will soon be self-supporting.

All alumni are asked to co-operate with the employment bureau in making it the success it should be.

For particulars and additional information address

H. G. HALL,
407 Templeton Bldg.,
Salt Lake City, Utah.

The GEAR of THETA TAU

OFFICIAL PUBLICATION OF THE FRATERNITY

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

101N ENGINEERING HALL IOWA CITY, IOWA

Subscription \$2.00 a Year

Professional Card \$1.00 a Year

VOLUME XIX

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Theta Tau Fraternity

Founded at the University of Minnesota
October 15, 1904

FOUNDERS

ERICH J. SCHRADER
W. MURRAY LEWIS

ISAAC B. HANKS
ELVIN L. VINAL

EXECUTIVE COUNCIL

- PROF. RICHARD J. RUSSELL, Epsilon '19 *Grand Regent*
Louisiana State University, Baton Rouge, Louisiana
(Until Aug. 1, 1930, South Hall, University of California, Berkeley, Cal.)
- FRED COFFMAN, Lambda '15 *Grand Vice-Regent*
Box 489, Duke University, Durham, North Carolina
- ERICH J. SCHRADER, Alpha '05 *Grand Scribe*
Box 244, Reno, Nevada
- PROF. JAMISON VAWTER, Zeta '16 *Grand Treasurer*
217 Engineering Hall, University of Illinois, Urbana, Illinois
- PROF. DONALD D. CURTIS, Omicron '19 *Grand Marshal*
Clemson College, South Carolina
- RALPH W. VAN VELKINBURG, Omicron '25 *Grand Inner Guard*
Kalman Steel Company, Wrigley Building, Chicago, Illinois
- H. G. HALL, Lambda '18 *Grand Outer Guard*
407 Templeton Bldg., Salt Lake City, Utah

DELEGATE AT LARGE

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

ALUMNI ASSOCIATIONS

- Central Ohio*—Emmett E. Knorr, 1970 N. High Street, Columbus, Ohio.
Chicago—T. L. Herrick, 1543 Fargo Avenue, Chicago, Illinois.
Cleveland—R. G. Glass, 23401 Charadon Road, Euclid, Ohio.
Intermountain—H. G. Hall, 407 Templeton Bldg., Salt Lake City, Utah.
Southwestern—Charles A. Kumke, P. O. Box N, Rav, Arizona.
Los Angeles—Walker B. Logan, 1029 Van Nuys Bldg., Los Angeles, Cal.
Twin City—Seth N. Witts, 15 S. 5th Street, Minneapolis, Minn.

CHAPTERS

- 1 ALPHA, *Founded October 15, 1904* - - - University of Minnesota
(Chapter house) 629 Washington Ave., S. E., Minneapolis, Minn.
- 2 BETA, *Established March 26, 1906* - Michigan College of Mining and Tech.
(Chapter house) Theta Tau Fraternity, Houghton, Mich.
- 3 GAMMA, *Established November 8, 1907* - - Colorado School of Mines
P. O. Box 26, Golden, Colorado
- 4 DELTA, *Established May 23, 1911* - - Case School of Applied Science
Case School of Applied Science, Cleveland, Ohio
- 5 EPSILON, *Established May 4, 1912* - - - University of California
Box, Hearst Mining Bldg., University of California, Berkeley, Calif.
- 6 ZETA, *Established April 17, 1912* - - - University of Kansas
(Chapter house) 1409 Tennessee Street, Lawrence, Kansas
- 7 ETA, *Established May 23, 1912* - Massachusetts Institute of Technology
Care of Prof. James Jack, M. I. T., Cambridge, Mass.
- 8 THETA, *Established May 26, 1914* - - - Columbia University
Care of Prof. T. H. Harrington, Columbia University, New York City
- 9 IOTA, *Established February 5, 1916* - - - Missouri School of Mines
P. O. Box 629, Rolla, Missouri
- 10 KAPPA, *Established March 25, 1916* - - - University of Illinois
P. O. Box 516, Station A. Champaign, Illinois
- LAMBDA, *Established April 29, 1920* - - - University of Utah
Box 101, University of Utah, Salt Lake City, Utah
- MU, *Established January 3, 1922* - - - University of Alabama
Care Prof. Fred Maxwell, University, Alabama
- NU, *Established January 1, 1922* - - Carnegie Institute of Technology
P. O. Box 114, Carnegie Institute of Technology, Pittsburgh, Pa.
- OMICRON, *Established February 3, 1923* - - - University of Iowa
(Chapter house) 923 Iowa Avenue, Iowa City, Iowa
- PI, *Established May 26, 1923* - - - University of Virginia
P. O. Box 45, University, Virginia
- RHO, *Established February 16, 1924* - N. C. State College of Ag. and Eng.
P. O. Box 5503, 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) 40 N. Salisbury St., West Lafayette, Ind.

NINTH BIENNIAL CONVENTION



TOP ROW—Rex S. Anderson, Leo Auchenbrenner, Francis J. Biltz, Bernard J. Werkowski, William Gidlow, Kenneth Shoephoester, Wallace L. Smith, T. G. Smith, R. G. Glass, Joseph T. Wight, Clifford F. Curran, Roger R. Wilson, Carl N. De Vane, R. E. Stradling, Hugo V. Kojola, G. W. Scott, Edgar C. Long, Joe Sailor, A. G. Ringer, Morris J. Hauge.

MIDDLE ROW—Warren C. Mielke, Ray V. Englund, George W. Langenberg, Clayton D. Kerr, Francis W. Davies, Ernest C. Kron, Howard H. Hines, H. H. Hopkins, John Moore, George F. Snodgrass, George B. Brimhall, Duane F. Abrahamson, Christian Jensen, Prof. Jamison Vawter, James B. Finch, Donald B. Kendall, Rudolph M. Hanson, Laurence J. Oberg, William E. Thompson.

BOTTOM ROW—Kenneth F. Peterson, Frank W. Ashton, Donald D. Curtis, P. L. Mercer, J. W. Mercer, J. W. Howe, Clarence A. Kutz, Ralph W. Van Velkinburg, J. Sidney Marine, Lelle G. Haverland, Erich J. Schrader, Dr. W. F. Holman, Fred Coffman, James H. Dodge, R. E. Lee Gildea, Roy L. Grover.

THE NINTH BIENNIAL CONVENTION

THE ninth biennial convention of Theta Tau celebrating the twenty-fifth anniversary of the fraternity was held in Minneapolis under the joint auspices of the Twin City Alumni Association and Alpha Chapter on December 29, 30, and 31, 1929. The headquarters for the convention were in the Hotel Francis Drake where all convention business sessions were transacted.

The following official delegates were in attendance:

OFFICERS

Fred Coffman	Lambda	'15	Grand Vice Regent
Erich J. Schrader	Alpha	'05	Grand Scribe
Jamison Vawter	Zeta	'16	Grand Treasurer
Donald D. Curtis	Omicron	'19	Grand Marshall
Ralph W. Van Velkinburg	Omicron	'25	Grand Inner Guard
J. Sidney Marine	Eta	'18	Delegate at Large, Past Grand Regent

DELEGATES

Alpha	Clarence A. Kutz
Beta	B. J. Werkowski
Gamma	Clayton D. Kerr
Delta	Roger R. Wilson
Epsilon	Christian Jensen
Zeta	Howard H. Hines
Eta	Joseph T. Wight
Theta	Clifford F. Curran
Iota	Edgar C. Long
Kappa	G. W. Scott
Lambda	Wallace L. Smith
Mu	Joe Sailor
Nu	James H. Dodge
Omicron	Frank W. Ashton
Pi	R. E. Lee Gildea
Rho	T. G. Smith
Sigma	Francis W. Davis
Tau	William Gidlow
Upsilon	Kenneth Shoephoester
Phi	Carl N. DeVaney



ERICH J. SCHRADER
Grand Scribe

Twin City Alumni Assn.	Dr. William H. Holman	Hon. Alpha
Intermountain Alumni Assn.	Fred Coffman	Lambda '15
Chicago Alumni Assn.	H. H. Hopkins	Beta '07
Central Alumni Assn.	R. G. Glass	Sigma '24

ALTERNATES

Alpha	Ray V. Englund	
Omicron	Leo Aschenbrenner	
Phi	R. E. Stradling	
Chicago A. A.	Ralph W. Van Velkinburg	Omicron '25
Twin City A. A.	J. H. Moore	Alpha '24

THE GEAR OF THETA TAU

Editors:	Paul Mercer	Omicron	'21
	J. W. Howe	Omicron	'24

THE GEAR OF THETA TAU



Francis Drake Hotel, Convention Headquarters

In addition to those named above, numbers of alumni and the active members from the Alpha Chapter attended various sessions of the convention. An interesting coincidence was the presence of the first three officers of the first Executive Council—Brother Schrader, first Grand Regent; Brother Hopkins, first Grand Scribe; and Brother Walling, first Grand Treasurer.

On Saturday night preceding the official opening of the convention all of the delegates who had arrived in the city met for an informal discussion of the proposed changes in the constitution. Sunday morning was taken up in the registration of delegates and examination of their credentials. This work had been completed by 11:45, at which time the convention was officially opened by Brother J. Sidney Marine, acting Grand Regent in the absence of Brother Richard J. Russell, Grand Regent. At this session all delegates were notified of their committee appointments and their duties outlined. The reports of the Grand Regent and Grand Treasurer were then read and the convention adjourned until 3:45 p. m. In the afternoon session Brother Coffman was in the chair and reports of the Grand Marshall, Grand Scribe, Grand Outer Guard, Grand Inner Guard, Editor of the Gear, Central Alumni Association, Intermountain Alumni Association and the reports of the active chapters were read.



R. W. VAN VELKINBURG
Grand Inner Guard

On the evening of the 29th a smoker was held which was very informal in nature. The delegates mingled in small groups and made the most of the opportunity for getting acquainted with each other and alumni.

At the morning session of the 30th, the reports of the following committees were read: Auditing Committee, Committee of Discipline, Committee on Extension, and Committee on Ritual. Following the noon recess the Committee on Resolutions reported. The petitions of several local fraternities were then brought up for discussion and consideration. The petition of Pi Delta Tau at the University of Arizona was given favorable consideration and the time of installation was left to the discretion of the Grand Regent. Additional information in regard to the installation will appear in a subsequent issue of the GEAR. Then followed the reports of the Committee on Constitution, Employment Bureau, and Insignia, whereupon adjournment was made.



JAMISON VAWTER
Grand Treasurer

in behalf of the active chapters. In his response Brother Schrader spoke reminiscently of the early history of Theta Tau and expressed his gratification for the splendid growth of the fraternity. Under the able direction of Dr. Holman as toastmaster, the delegates listened to communications from many absent alumni and an interesting program of speeches.

On the last day of the convention the report of the Publication Committee was read. Among the features of this report was the proposal of a life membership plan which met with the approval of the convention. Then followed the report of the Committee on the State of the Order. The election of officers for the next biennium was held and followed by invitations from the delegates of Upsilon and Phi Chapters for the next convention. The invitations were referred to the Executive Council for later discussion, and the ninth biennial convention was closed.

Following the closing of the Convention, nearly a half day was left for most of the visitors to see the city. Accordingly the hosts of the Convention provided auto sight-seeing trips taking the visiting delegates through the University of Minnesota grounds and showing as many of the interesting features of the Twin Cities as time would permit.

As at the Eighth Convention in Chicago, this Convention was fortunate in having all the delegates and all the business and committee meetings housed in

On the evening of the 30th, a banquet in honor of the Silver Anniversary of the founding of Theta Tau was held. This banquet proved to be the outstanding feature of the social side of the convention. The Silver Anniversary of the fraternity was properly commemorated by the many tributes to the founders of the fraternity. The presentation of a handsome watch adorned with the crest of the fraternity and the names of all the chapters to Brother Erich J. Schrader, the founder of the fraternity, was made by Brother Francis W. Davis



FRED COFFMAN
Grand Vice
Regent

one building. This arrangement improves the efficiency of the convention wonderfully and it provides the best of opportunities for delegates and visitors to become acquainted quickly. With accommodations as pleasant as those furnished by the Francis Drake Hotel and with weather as fine as could be asked for, this Convention will stand out long in the memories of those who attended.



DONALD D. CURTIS
Grand Marshall



J. SIDNEY MARINE
Delegate at Large

IMPRESSIONS OF THE CONVENTION

FROM THE DELEGATES

I am sure that the convention has inspired all members of Alpha who attended. At the time of the convention we had a number of men who were seniors and who incidentally have been active for considerable time. The convention, I believe, revived the interest and inspired these older men. When a man has belonged to a fraternity for several years it is quite evident that interest will dwindle and the spirit of fraternal fellowship is left for the newer members to become enthused. I believe that to have been the condition of Alpha before the convention. As I have mentioned, the convention has revived the spirit of Alpha and at present everyone is interested and working to the best advantage of our local chapter.

The convention afforded a means of obtaining new ideas in regard to fraternal affairs. It gave us an opportunity to speak to the different delegates and find out how they conducted their business affairs.

The convention also gave us a better and truer insight to the ideas and motives guiding the fraternity at large and promoted a truer feeling of fellowship between the different chapters.

CLARENCE A. KUTZ, Alpha, '30.

Personally, I was very much impressed by the convention held in Minneapolis last December. It was a pleasure to meet the National Officers as well as the delegates. It is my deep wish to renew acquaintances at some future date.

The method and manner in which the sessions took place was very good. Was more than surprised just how Brother Schrader could remember such minute details such as names, dates, figures, etc., pertaining to the organization as well as individual chapters. It was worth the trip alone to meet Brother Schrader. The information gained from the convention delegates has helped us in a lot of ways, that is, in regard to pledging, house rules and scholastic standing.

Deep down in my heart, I can truly say that I am proud to be a member of Theta Tau. The ideals and purposes of the organization are surely inspiring. This, of course, is more readily realized only by associating with its founders and officers, since their willingness to spend so much time for the benefit of younger men shows how they cherish the name of Theta Tau.

B. J. WERKOWSKI, Beta, '30.

I think the convention was a success in every way. Business was cared for rapidly, efficiently and thoroughly. When I mention efficiency, it always recalls the banquet and the speech by Brother Shoephoester from Arkansas. I certainly enjoyed every minute I was there. It was an eye opener to me to meet the brothers from the other schools and get their slant on things. It was a pleasure for me to be fortunate enough to room with one of the southern delegates and see how easy going life can be taken and yet mastered successfully. That is quite a contrast to our northern attitude of hurry here, hurry there.

Aside from the meeting of the delegates, I was very much interested in seeing what kind of men these Grand Officers are and in realizing that they are all fine men and devoted to Theta Tau. I think the success of the whole affair was largely due to the tireless efforts of Alpha Chapter individually and collectively. Their party New Year's Eve was a great success and I am sure all the delegates who attended had a good time. I can answer for myself and from observing the other boys feel that my statements are not overdrawn. Those Minnesota boys surely know their dates.

The convention was a great success and I am certainly glad that I was fortunate enough to be able to attend. It was an unforgettable experience.

ROGER REID WILSON, Delta '30.

The full conception of Theta Tau is not gained by the average undergraduate. The national breadth of the organization is but hazily comprehended. His activities within his parent chapter do impress him with the desirability of the fraternity, but the tendency is to think in terms of his own local group — his in spite of such unifying factors as the GEAR and national officers whose influence is entirely to the contrary.

The Epsilon Chapter is situated in a way which serves to augment this local outlook. Lacking neighboring chapters and standing twenty-five hundred miles from the seat of the executive bodies our chapter has grown strong within

itself and, lest this strength becomes kin to conceit, any example of our national strength is a wholesome factor of proper orientation of outlook.

Supreme sovereignty of the fraternity rests in the convention. The full realization of this fact is only received after attending the convention; its impressiveness to the active delegate reaches its highest magnitude when he presents his attendance for the first time.

My presence at this unified gathering awakened in me a full comprehension of the national scope of the fraternity. I became initially aware of the complexity of the government necessary to propel this organization even though all chapters concerned have a common end. From my contact with the national officers, alumni, and delegates I was instilled with an appreciation of the honor and privilege consequent to membership. In no other manner could the utmost obligations entailed by such membership be gained. It is my belief that, even though the fraternal bond is firm in a chapter as strongly organized as Epsilon, all the members are not aware of the full significance of the fraternity as a national organization. This meaning is in part transmitted to the actives by the delegate who has thoroughly absorbed the entire breadth of our organization.

This convention delineated precisely the important place which the individual chapter may hold relative to the government of the fraternity. Not only is this influence brought out by the voice of the delegate upon the floor of the meetings but also by his presentation of the particular problems peculiar to his chapter.

It is inherent to an organization of this kind which is composed of chapters representing various lines of professional endeavor that there should be a heterogeneity of outlook. Nevertheless, in the matter of contact between individuals there is a fraternal bond which minimizes the differences and emphasizes the unity of viewpoint between all members of Theta Tau. That quality of brotherhood between all members regardless of age, position, or achievement, was one of the happiest realizations consequent to my attendance at the convention.

CHRISTIAN JENSEN, Epsilon '29.

First of all, I want to congratulate Alpha Chapter on her efficient manner in handling the Convention. All the delegates were well pleased, I am sure, by the way in which they were shown such great hospitality on the part of the Alpha members.

There are several very good points accomplished at a Convention. First, the policies of the Fraternity are carried back to the various chapters by the delegates. Then, the business of the Fraternity is cleared up and a "fresh start" is given. The meeting of all the delegates from the other chapters gave me an insight as to just the high type of membership that Theta Tau has always tried to, and we hope always will, maintain.

The most important part of the Convention to which I was brought face to face with was the meeting of the Executive Council. This, I mention, because I have a more secure feeling for the Fraternity since I have had the pleasure and opportunity to meet such men as our Grand Officers, and realize that the Fraternity is under such able leadership.

HOWARD H. HINES, Zeta '28.

It would be most difficult to put into words the inspiration and pleasant times that I had while at the Convention last December. Of course, the first thing I think of is the Convention as a meeting of personalities, all brought together because of mutual ties in Theta Tau. There is something about a group, such as that one, coming from all parts of the country and representing such different backgrounds, that must fascinate always. I believe the greatest benefit of the Convention was this association and merging of ideas. It certainly made us all feel the unity of the fraternity as never before. I'm sure that any delegate to Minneapolis must have returned to his chapter just bulging with resolutions to see his chapter grow more nearly to that ideal of our founders.

The hospitality of Alpha Chapter did much to promote the feeling of good fellowship that made the convention a success. They couldn't have done more to make us feel at home, and their consideration and thoughtfulness will always be a guide for future conventions.

It was a great honor to have had the opportunity of being a delegate and I will never forget the inspiration I derived at the Convention. I have done my best to carry it back to share with my own chapter.

In closing, I wish to express once more my gratitude to the Convention, and Alpha Chapter especially, for the most pleasant week of my life.

CLIFFORD F. CURRAN, Theta '30.

Of course, as all the rest of the delegates to the Convention at Minneapolis, I had a very wonderful time and wish to thank our hosts in Alpha Chapter for the same. Our only regret was the fact that the time spent there was not long enough to get better acquainted.

So far I have not had the opportunity to better acquaint the members of Kappa Chapter with the workings and advantages of being a member of such an organization as Theta Tau, but in the immediate future I hope to show them these advantages.

One thing gained from the Convention was several plans whereby Kappa Chapter could promote the name of Theta Tau on the Illinois campus, both in and out of the engineering school. We are working on these plans at the present time and hope in the near future to be able to report some definite plans.

WALTER SCOTT, Kappa '30.

The reaction obtained from the Ninth Biennial Convention of Theta Tau is one I will never forget and for which I am very grateful, due primarily to the association had with the officers and delegates of Theta Tau, this policy and code of ethics which was displayed throughout the convention.

The purpose of the convention was to bring the chapters closer together, to leave with the delegates the true purpose of Theta Tau and the ways in which the chapters should improve their present conditions. To me this was very well taken care of and I am sure all delegates were benefited by the instructions they obtained.

The sincerity with which the delegates entered into the business of the convention and the splendid way in which all questions were handled was very

noticeable, also the wonderful fraternal spirit of Brother Schrader after his successful guiding of Theta Tau for the past twenty-five years and the way in which the fraternity has grown and the type of men it embodies. These are the things that made the Ninth Biennial Convention the big success that it was.

WALLACE L. SMITH, Lambda '30.

If I were a cruel monarch and desired to assign a task most difficult to a victim I think I would assign him the following: Go, gather together from the young men of the United States a finer group of thirty men than were at the Ninth Biennial Convention of Theta Tau. That, I feel, would be a difficult task. Every man at the Convention seemed to be there to do his very utmost to make Theta Tau a better fraternity and to carry on the work that Erich J. Schrader started twenty-five years ago. The way in which the delegates took up the committee work proved that fact very nicely. That little bundle of energy that we all learned to admire, I mean Erich of course, certainly kept things moving and in the right direction too. Brother Schrader is certainly a fine man and fully deserving of being Alpha Number One, the first Theta Tau.

But the type of men attending the Convention was not the only thing that impressed me by far. Everything at the Convention seemed to point to the fact that Theta Tau is a Professional Engineering Fraternity with the express purpose of uniting its members in a strong bond of fraternal fellowship. This seemed the basis of all the action of the Convention. I was glad to see the life subscription to the GEAR considered so favorably and I feel that it will help very materially to bring about a closer bond between the active membership and the alumni. Another very good move was the reviving of the Employment Bureau. This will be a wonderful opportunity for the Fraternity to be of real service to the alumni.

To look at the Convention as a whole I would say that it was a big success. I would like to suggest that the next Convention be a day or two longer, for time seemed to be rather limited at Minneapolis. The matters taken up at the Convention are things that should not be rushed so I feel that it would be to the good of the Fraternity to have more time there. But nevertheless the Convention was a great success.

JAMES H. DODGE, Nu '31.

This past convention of Theta Tau was to my mind very impressive. It conveyed the idea to me of a great national fraternity rather than a local chapter of Theta Tau. Having been associated only with Sigma Chapter, I had grown to think more of it than of the national organization, however, the convention in one respect changed my ideas.

The Grand Officers, to most of us, were men to be read about only. Very few of us had had the opportunity of meeting them and especially living with them for a few days. After doing this and seeing that they are just like the rest of us, we feel more like they are one of us.

One of the outstanding features of the meeting was the great loyalty and enthusiasm of Brother Schrader. It made us feel that if a man of his caliber

could give twenty-five years of his life to the furtherance of Theta Tau and meet with such tremendous success that Theta Tau was deserving of much more of our efforts.

The new friends made were a valuable asset to me. I took for granted that each representative to the convention was an example of the type of man that belonged to his respective chapter and due to this fact I had a very good opinion of the type of men comprising the chapters.

By the type of business that was transacted and the manner in which it was conducted, it conveyed to my mind that the fraternity was progressing. Everything was conducted in a business like, routine manner with a minimum of time, thus doing away with the long tiresome business sessions so often present at fraternity conventions.

All in all I believe the convention was highly successful and I considered the time well spent.

F. W. DAVIS, Sigma '30.

The convention at Minneapolis opened up new fields of thought to me in regard to the engineering profession as a whole as well as to engineering students. For the past four years I have observed the work of the fraternity solely as a local chapter. I have realized of course that our scope was national, but the fact never made much of an impression until I attended the convention last December. It was then that I really began to realize the effect the ideals of our fraternity could have on the men in the engineering profession, both as students and active engineers. With our possibilities for expansion and with an ever growing alumni body, Theta Tau holds many active and potential factors which can make it a power in the engineering field.

Perhaps the thing that impressed me most was the active spirit shown by the alumni, especially the Grand Officers. There was no cynicism, no discouragement. They were willing to work, (and incidentally to make the delegates work, not always to our extreme delight, but who cares about that?) and their earnestness and optimism made me secretly resolve to get that spirit communicated to all the men in Tau Chapter.

I should like to take this opportunity to pass on my best regards to the Grand Officers, alumni, (especially one "Dinty" Moore and another Ernie Schrader) and to the delegates.

With best regards, in H. & T.,

WILLIAM GIDLOW, Tau '29.

The Ninth Biennial Convention held at Minneapolis was the most stimulating and interesting meeting that I have ever attended. The point that was of most benefit was that concerning the professional attitude that some of the chapters have. The discussions that I held with some of the delegates allowed me to carry back to the Chapter better ideas for professional meetings. The membership was also very interested in the steps that were taken to establish an employment bureau for the benefit of the Fraternity.

In concluding, it is very appropriate to say that Phi Chapter has profited materially from the last Convention.

C. N. DEVANEY, Phi '30.

CONVENTION SIDELIGHTS



CURRAN and JENSEN
"East Meets West"

ern seaboard, but upon reaching Chicago discovered that one of the anecdotes had preceded him. In order to forestall any such disaster at Minneapolis, he immediately boarded a swift passenger plane for the Twin Cities and averaged 105 miles per hour which

is just five faster than the American intercollegiate record for the speed of travel of a certain type of story.



RUSSEL G. GLASS
Cleveland Alumni
Association

THE appalling ignorance of engineers as students of history was eclipsed only by the retinue of the Hotel Francis Drake as demonstrated by responses to the question, "Who was Francis Drake?" In the dining room, Olga labored under the impression that Francis Drake owned the hotel; Hilda was rather certain that Francis was a woman; Ida assigned the origin of the name to the frequency with which roast duck appeared on the menu. The better informed brothers credited Sir Francis with exploring the Mississippi, searching for the Fountain of Youth, plundering vessels on the high seas, leading the Spanish Armada, and the founding of the Swedish Lutheran Church.

Brother Sidney Marine, we were informed, stocked himself up with fresh native stories from the east-



GILDEA
"The gentleman from
Virginia"

"I hope you won't take umbrage at this one," said Sid Marine and the session in Room 320 was off to a flying start. Regrettably, it is reported, that three or four of the brothers excused themselves for a few moments to consult Webster in regard to the word "umbrage" but they soon returned and entered into the preliminaries with gusto. By the time the semifinals were reached the contest was declared a draw, despite the fact that Brothers Coffman and Vawter were hanging on the ropes while Brother Marine seemed good for several more rounds.

In the pie eating contest held in Sing Loi's place just around the corner, Brother Coffman staged a re-



"GODAMIT"
from Syracuse

markable comeback, and when the roosters crowed was leading by two pies and a piece.

The New York and Boston delegates showed their terpsicorian talent by acquainting some of the Minneapolis belles with some of the plain and fancy eastern holds. Although it cost the boys a considerable sum to gain admission to this exclusive (?) affair, they were united in their opinion that it was easily worth the fifty cents.

Later word confirms the rumor that the boys had abundant competition from about a dozen chapter and alumni association delegates.

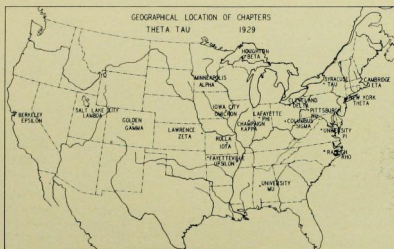
To allay the apprehensions expressed by the brothers who knew of Brother Curran's intention to return home by way of Canada, it might be stated that he has fully recovered and is again attending to his duties in New York City.

If it is true that Brother Shoepfoester of Arkansas was forced to ride a razor back hog for the first hundred miles of his journey to the Twin Cities, there can be no question but that this was the most efficient means of travel at his command. If office boys in his territory are as efficient as the one he pictured, what can be expected from the college man?

Famous last lines—"This report is not all it should be and neither am I,"—Godamit from Syracuse.

THETA TAUS AT A.I.M.M.E. MEETING

A considerable number of Theta Tau members took part in the annual meeting of the American Institute of Mining & Metallurgical Engineers. Brothers F. W. Bradley and H. A. Buehler retired as President and Vice President respectively. H. J. Wasson, Alpha '14, was chairman of the Smoker Committee. Brother Zay Jeffries, Delta, discussed "The Future of the American Iron and Steel Industry." Kent Van Horn, Delta '26, was one of the authors of a paper discussing "Directed Stress in Copper Crystals." Chas. R. Fettke, Nu, had a paper on "Recent Development in Flooding Practice in the Bradford and Richburg Oil Fields." Papers on Petroleum production were given by Chas. R. Fettke, Nu, on the Appalachian Field; by W. E. Hubbard, Alpha '16, on The Texas Panhandle; by J. Whitney Lewis, Alpha '12, on North and Central Texas, and Venezuela was discussed by H. J. Wasson, Alpha '14.



GROWTH OF THETA TAU DURING LAST BIENNIUM

Below are figures compiled by the Grand Scribe, Erich Schrader, at the time of the Ninth Biennial Convention, December 29, 1929, showing the increase in the membership of Theta Tau during the past biennium.

	1927	1929	Increase					
Alpha	302	341	39	Mu	80	97	17	
Beta	300	329	29	Nu	150	173	23	
Gamma	318	356	38	Xi	49	50	1	
Delta	222	284	62	Omicron	114	148	34	
Epsilon	279	306	27	Pi	85	107	22	
Zeta	244	279	35	Rho	96	133	37	
Eta	271	301	30	Sigma	86	111	25	
Theta	135	157	22	Tau	55	70	15	
Iota	203	233	30	Upsilon		49	49	
Kappa	293	339	46	Phi		73	73	
Lambda	220	249	29					
					3502	4185	683	

ENROLLMENT IN ENGINEERING SCHOOLS

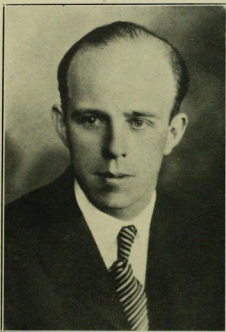
Where Chapters of Theta Tau Are Located

Alpha	1446	Lambda	377
Beta	410	Mu	460
Gamma	405	Nu	1653
Delta	690	Omicron	400
Epsilon	928	Pi	181
Zeta	600	Rho	751
Eta	3066	Sigma	1634
Theta	225	Tau	350
Iota	501	Upsilon	306
Kappa	1758	Phi	2589

In Memoriam

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

PORTEOUS B. PALMER
MILLER H. TROUP



JOHN TOBIAS BRANSFIELD

August 10, 1896—January 27, 1929.

John Tobias Bransfield was born at Leavenworth, Kansas, August 10th, 1896. He graduated from the Leavenworth Catholic High School in 1914, and attended Saint Mary's College, Saint Mary's, Kansas and the Michigan College of Mines at Houghton, Mich.

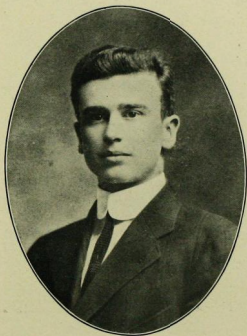
He enlisted in the Army in June, 1917, serving first with the Twentieth Infantry at Jefferson Barracks Missouri, later being transferred to the First Cavalry at Camp Jones, Douglas Arizona, where he remained until he was discharged following the signing of the Armistice.

He devoted much time to music, in the study of which he displayed unusual ability at an early age. In this line he gave freely of his time and talents to organizations who could utilize his work in promoting any worthy cause. For many years he furnished entertainment at all Orphans' Homes around Leavenworth on Christmas day by bringing an orchestra and other types of musical programs to these institutions. At the time of his death he was Director of the Knights of Columbus Band at Leavenworth and organist at the National Military Home, Kansas.

In serving for many years as Secretary of the Kiwanis Club at Leavenworth, he worked untiringly for the advancement of the aims of this organization. In addition he was active in Chamber of Commerce work in this community, bringing to any task assigned to him an enthusiasm and energy that never failed to accomplish the purpose intended.

On April 27th, 1926 he was united in marriage with Miss Florence Kihm of Leavenworth.

In August, 1922, he became affiliated with the James Stanton Construction Company, Leavenworth, Kansas and remained with this concern as manager of the general office at Leavenworth until his death.



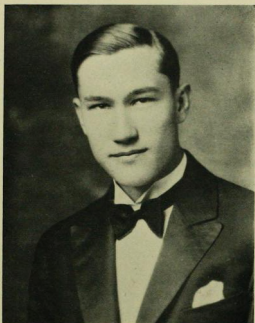
DON CLINTON BLACKMAR, BETA '12

Don Clinton Blackmar was born in Charlotte, Michigan, in April 18, 1888. Following his elementary and high school education, he attended the Michigan College of Mines from which he was graduated in 1912, receiving the degree of Bachelor of Science in Metallurgical Engineering.

After graduation from college, he accepted a position with the Bohn Aluminum and Brass Company in Detroit. While at work in one of the plants of the company on June 4th, Brother Blackmar suffered a stroke and died immediately. At the time of his death he was assistant metallurgist for his company and had prospects for a bright future. In addition to being a member of Theta Tau, Brother Blackmar was a member of the A.S.T.M., and A.I.M.E. He will also be remembered as the composer of the official Theta Tau song.

Besides many friends to mourn his untimely death, Brother Blackmar leaves a widow, a son aged twelve years, and one sister.

Beta chapter of Theta Tau extends sincere sympathy to Bro. Blackmar's surviving relatives and friends.



RUDOLPH EDWARD LYON '27

Rudolph Edward Lyon was born at Ogden, Utah July 20th, 1905, son of Hilma and Harry C. Lyon, and lived there until his graduation from the Ogden High School in 1923.

He was graduated from the University of Utah in 1927 with a mechanical engineering degree. During his career at the State University he established an enviable record, both athletically and scholastically. In his sophomore year, Lyon won his letter in track, in which sport he excelled in throwing the discus, putting the shot and high jumping. The following year he made his letter as a tackle on the football team and guard on the varsity basketball team. In 1926 he played tackle on the champion Utah eleven and went with the team to Hawaii and participated in the 17-0 victory that Utah gained.

He was a member of the Theta Tau engineering fraternity; Phi Kappa Phi, national honorary scholastic fraternity; American Society of Mechanical Engineers; Sigma Chi fraternity; Owl and Key and Skull and Bones, honorary activity organizations.

After leaving the University he went to Pittsburgh to the Westinghouse Electric Company and there took a students course in salesmanship and was just finishing and waiting to be assigned to his territory when taken sick with typhoid fever and died on February 11th, 1929. He leaves his twin sister, another brother and sister, and his parents.



HERBERT L. GENS, SIGMA '27

Herbert Louis Gens was born on August 23, 1904, at Toledo, Ohio. He was a graduate of Scott High School, Toledo, received his B. A. at the University of Toledo and was graduated from Ohio State University in Civil Engineering in 1927.

Brother Gens died at the home of his parents, Mr. and Mrs. Gustave L. Gens, 3917 Terrace Drive, Toledo, Ohio, after an illness of only five months. Surviving, besides his parents, are a brother, Gregory A. Gens, and sisters, Loretta, Anna, and Rita Gens, all of Toledo.

"Herb" Gens, as he was commonly known, was No. 66 on the Chapter Roll of Sigma, having been initiated May 8, 1926. Due to his wonderful personality and good nature, "Herb" was a most popular brother about the Chapter House. On the campus he was well liked by students and faculty. After graduation he was employed by the firm of Gens and Shortt, contractors, Toledo, Ohio.

Memory of Brother Gens will remain a bright and cheerful spot in the minds of everyone who had the good fortune to know him. His sudden and untimely passing has been a profound shock and severe loss to his family, friends, and brothers in Theta Tau.

MAURICE B. SCHMITTOU, EPSILON '23

Maurice B. Schmittou, formerly of Porterville, California, was drowned on the 12th of November, 1929, in the wilds of Brazil, while employed by the Standard Oil Company of New York as a geologist. In company with natives he was attempting to negotiate the rapids of a river in Brazil by canoe. The canoe became lodged against some rocks in the rapids and the natives proceeded to make their way to shore via the rocks. Schmittou, against the advice of the natives, however, attempted to reach shore via a different route by swimming. Although said to be an expert swimmer, he evidently under-estimated the strength of the rapid current at the particular point of the accident, with the result that after jumping into the river he was drawn under the surface by the current and swept many yards down stream to his death. His body was later recovered and buried alongside the stream.

A native runner was nine days reaching civilization with word of the tragedy, young Schmittou being camped 400 miles from settlements. In a recent letter to his people here, he declared that often the natives had to build roads before he could continue his advance into the jungles of Brazil.

The GEAR hopes to publish details of brother Schmittou's earlier life in a subsequent issue.



GEORGE W. WILFLEY, GAMMA '13

George Wilfley of the Class of 1913 died at his home in Denver, February 10th. His death came from a heart attack, following an illness of a few days. George Wilfley was only 41 years old and his death cut short a promising career.

Born in Kokomo, Colorado in 1889, George spent his early years in the environment of a mining camp. His father was then owner and operator of the Wilfley Mine at Kokomo. George's parents removed to Denver while he was yet a youngster and here he obtained his public school education. He was graduated from the East Denver High School in 1909, entering the School of Mines the same year.

George Wilfley was the son of A. R. Wilfley, the inventor of the Wilfley Table. Upon graduation from the School of Mines in 1913, George went to Silverton, Colorado, to operate the Mears-Wilfley property. During the latter part of his stay in Silverton he worked with his father in developing the Wilfley Sand Pump. In 1918 he returned to Denver and carried on experiments there. Like his father, George took great pleasure in designing and testing machinery. In 1920 his father formed a partnership with his two sons, Elmer and George: this partnership was known as A. R. Wilfley & Sons and was devoted to the development of the Wilfley Sand Pump. Mr. A. R. Wilfley died February 20th, 1927, and since that time the business has been carried on by the two sons. Following the father's death the partnership was incorporated as a company and is now known as A. R. Wilfley & Sons, Inc.

George Wilfley was a genius in mechanics. He had a keen insight into mechanical design, and it has been largely due to his ability that the Wilfley Pump has been developed to such perfection. Being of this turn of mind he naturally took to the study of radio and photography and at the time of his death he was experimenting with talking picture processes.

Wilfley was married in 1919 to Miss Helen Kuntz of Denver. He was always popular with his school mates from Golden and all respected his judgment and held him in highest regard. He is survived by his mother, Mrs. A. R. Wilfley; his wife; a sister, Miss May Wilfley, and his brother, Elmer.

—COLORADO SCHOOL OF MINES MAGAZINE.

The GEAR *of* THETA TAU

OFFICIAL PUBLICATION OF THE FRATERNITY

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

Editors

101N ENGINEERING HALL IOWA CITY, IOWA

Subscription \$2.00 a Year

Professional Card \$1.00 a Year

VOLUME XIX

SPRING, 1930

NUMBER 2

The ninth biennial convention proved to be as successful as any of its predecessors. A wholesome spirit of loyalty to the fraternity seemed to inspire each of the delegates and pervade the entire functioning of the convention. Although the legislation enacted at the convention promised to be of far reaching effect, perhaps of more importance was the serious attitude with which everyone entered in to the performance of his assigned duties. A large share of the credit for this splendid showing belongs to the Executive Council for the efficient way in which they planned and carried out the several business sessions. However, this showing would have been impossible had it not been for the earnestness and aggressiveness of the representatives of the active chapters. Small wonder that in the impressions of the delegates there is a universal respect for the efficiency with which the convention transacted its business and a new vision of the sound national aspect of Theta Tau.

At the banquet the younger men had an interesting insight into the history and progress of the fraternity. They heard from charter members of Alpha and Beta Chapters a recital of the early struggles of the infant organization. It is truly remarkable that the fraternity has still as its guiding genius the man to whom all speakers paid homage, the man who through the years has been the driving force behind the fraternity, Brother Eric J. Schrader, Grand Scribe and first Grand Regent of Theta Tau.

SENIORS

For those men to whom this GEAR comes for the last time during their under-graduate days, we wish the best of what "Lady Luck" has to offer in the way of good fortune. We hope that all of you will come cheerfully through the "starvation period" and get your feet on solid ground when you emerge. We will be greatly pleased if you will remember the GEAR as you go out into practice and will keep us informed of your whereabouts and your line of work. When you get on interesting projects, write them up for publication in the GEAR. The successful engineer is always a clear and concise writer. Writing for the GEAR will give you an opportunity for a little practice and training of a very beneficial kind and we hope you will avail yourselves of it.

HELL WEEK

The old fashioned Hell Week, which has been on the wane for some time, took its knockout blow, so far as Theta Tau is concerned, when the Minneapolis Convention adopted a resolution condemning the practice and order-

ing its abolishment by all Chapters. It is interesting to note that although considerable was said on the subject before the resolution was presented, remarks favorable to the practice were conspicuous by their absence.

With Hell Week now definitely out of the picture it is appropriate to look further into our present methods of pledge training. Education of pledges or newly initiated members along fraternal and social lines is a fundamental obligation of the fraternity. That this obligation may be well and faithfully carried out every chapter should study its own methods to make sure that they are suited to existing conditions. One method which has been particularly successful in chapters with houses, might profitably be adopted by more chapters. This is a lecture system where a series of weekly meetings or conferences of the pledges is led by a competent upper classman. The leader uses a lecture outline which is followed each year. The lectures or talks are supplemented by informal discussion in the group and by individual work where necessary. In this group method the instruction can be given in an impersonal way and social errors and unpleasant mannerisms of individuals can be corrected without subjecting anyone to humiliation.

Whether you practice this method or one entirely different from it in your chapter, now is a good time to review your program and to revise and enlarge it where necessary, remembering that paddles and all that go with them are taboo in the future. A good step also would be to adopt our Grand Regent's suggestion in regard to the paddles—chuck them in the fireplace or furnace and thus reduce the winter's fuel bill.

BAIRD'S MANUAL

The new edition of Baird's Manual, advertised elsewhere in this issue is something that every chapter should have in its possession. The GEAR has made arrangements to handle orders for the new volume and hopes to be of service to the chapters. The price of the manual is \$4.00.

NINTH BIENNIAL CONVENTION

Report of the Committee on Resolutions

Be it hereby resolved that the action unanimously passed by the Executive Council declaring Beta Pi Kappa, National Ceramic Engineering Fraternity, or any fraternity holding membership in the Inter-fraternity Council of Professional Engineering Fraternities, be hereby declared to be competitive with the Theta Tau Fraternity.

Be it resolved that the action of the Grand Regent in establishing an Alumni Club in Los Angeles be hereby approved.

Be it hereby resolved that the action of the Executive Council in chartering the Central Alumni Association be hereby approved.

Be it resolved that the Theta Tau Fraternity shall be a charter member of the Inter-fraternity Council of Professional Engineering Fraternities.

Be it also resolved that Brother Marine and Brothers Hopkins, Vawter and Van Velkinburg be thanked for acting as our representatives.

Be it resolved that a letter be sent to Brother Mosby of Mu Chapter by the Grand Scribe.

Be it resolved that Alpha Chapter be thanked for their handling of the Ninth Biennial Convention.

R. E. LEE GILDEA, *Chairman*.

SAILOR

WIGHT

Moved by Marine; Seconded, Hopkins; that Brothers John H. Moore and Carl Barthelmy be thanked for their work in making the convention such a fine success. Passed by an unanimous vote.

THE PROFESSIONAL INTERFRATERNITY CONFERENCE

The third annual meeting of the Professional Interfraternity Conference was held on November 29 and 30, 1929, at the Edgewater Beach Hotel, Chicago, Illinois, with 24 of the 28 member fraternities present. Prof. Jamison Vawter, Zeta '16, H. H. Hopkins, Beta '07, and R. W. Van Velkinburg, Omicron '25, were in attendance as Theta Tau's delegates.

In his opening address President Jarvis Butler, Sigma Nu Phi (Law) reviewed the history of the Conference, its aims, purposes and possibilities and outlined the program of the meeting.

During the first session the Conference had the pleasure of hearing Don C. Rogers, Ph.D., Phi Delta Kappa (Educ.) Director, Bureau of Building Survey, Chicago Public Schools, present an address on "Growing Professionalism in Education," and Mr. J. D. Sparks, General Secretary, Alpha Kappa Psi (Commerce) and Editor of "The Diary" of Alpha Kappa Psi, speak on "Editing a Fraternity Magazine." Dr. Rogers reviewed the development of teaching from the "Three R" days to the highly specialized profession of today. "In spite of a splendid record of recent achievement" Dr. Rogers said, "there are still problems so serious that we sometimes hesitate to say we have a science or profession of education in the strictest and best sense of those words. Five of these problems are as follows:

1. Interference with the curriculum by laymen.
2. Interference with school management by politicians.
3. Need of a workable code of professional ethics.
4. Not enough men teachers.
5. Better compensation."

Mr. Sparks gave a comprehensive talk on the subject of magazine editing tracing the evolution of fraternity magazines and discussing their proper mission. Mechanical and editorial problems were carefully covered and much valuable information based on his extensive experience was placed before the Conference.

A letter from Brother E. J. Schrader was read in which he pointed out that several fraternities are erroneously classified at certain colleges. He therefore, asked that member fraternities write to the colleges where they are wrongly

classified and explain their correct status or that the Conference send a list of all its member fraternities to every college where professional groups exist. The following resolution, bearing on this subject, was presented by Brother J. A. Vawter: Resolved, that action be taken to definitely establish the status of professional fraternities in the minds of college faculties and for the correction of their frequent erroneous listing. Action on this resolution and several others which were presented, was postponed until the next day.

At the second session Dr. Fred H. Turner, Assistant Dean of Men of the University of Illinois, gave an address on "The Common Field of the General and Professional Fraternities in Advancing the Principles for which Both Stand."

Dr. Turner stated that professional and social fraternities have many ideals, objectives and principles which are common to both but that in general the social fraternities emphasize fraternal spirit and place scholarship secondary, whereas professional fraternities emphasize scholarship and place fraternal spirit secondary. In addition to the idealistic aims, common to both types, the professions have as further objectives the promotion of interest in the profession, the advancement of the profession and the encouraging of scientific research. In regard to internal functioning the need for strong leaders and careful handling of chapter finances are the same for both the general and the professional groups. The fact that professional fraternities are usually composed of more mature men than the general fraternities mitigates in their favor, but in the final analysis, both types have the same problems and the same interests and we must survey them in the same manner.

Following a discussion of Conference finances a resolution was passed requesting each member fraternity to contribute the sum of \$10, in addition to the prescribed annual dues of \$10, for the current year and initiating steps to amend the Constitution at the next meeting to provide for a straight annual contribution by member fraternities of \$25.

The resolutions introduced at the first session were next taken up for action. Brother Vawter's resolution dealing with erroneous listing of Professional Fraternities was adopted and referred to the Executive Committee for compliance. A resolution prohibiting from membership in the Professional Interfraternity Conference any fraternity which permits or favorably recognizes the practice of proselyting among other fraternities in its category group was referred to the Executive Committee for appropriate action as was one providing for a committee to study the classification of fraternities and determine those found to be professional, honorary or honor societies.

Before adjournment, the following officers were elected for the ensuing year:

President—Mr. Jarvis Butler, Sigma Nu Phi (Law).

Vice President—Dr. Alfred P. Lee, Psi Omega (Dent).

Secretary-Treasurer—Mr. J. D. Sparks, Alpha Kappa Psi (Com.).

Two members of Executive Committee—Professor Jamison Vawter, Theta Tau (Eng), Dr. R. C. Williams, Theta Kappa Psi (Med).

To All Members of Theta Tau

Fraternal Greeting:

You are hereby informed that

W. K. COLE

(Beta Roll No. 282)

Is no longer a member of this Fraternity

In H. & T.

E. J. SCHRADER, Grand Scribe

April 1, 1930

To All Members of Theta Tau

Fraternal Greeting:

You are hereby informed that

WALTER G. GOULD

(Zeta Roll No. 260)

Is no longer a member of this Fraternity

In H. & T.

E. J. SCHRADER, Grand Scribe

April 1, 1930

LETTERS FROM THE CHAPTERS

ALPHA

Alpha Chapter has enjoyed a very successful year in most lines of academic endeavor. Since the beginning of the fall quarter, an initiation has been held of a class of seven, swelling the ranks of the actives to thirty-eight. One more initiation will be held this year of a slightly larger class.

In the way of honoraries, we have, since the last issue of the GEAR, four new Tau Beta Pi's, two Eta Kappa Nu's, two Pi Tau Sigma's, and one Chi Epsilon. As to athletics, we have three men at present out for all-University teams. The house team reached the semi-finals in basketball, and the play-off in hockey, with the house track men qualifying for the Minnesota Relays to be run in the near future.

Our social side has not been neglected either, with a party at a downtown hotel the night of Homecoming (Wisconsin won, incidentally) a big success in spite of the outcome. Then to start the new year right, there was a New Year's party at the house which the actives and several convention delegates (we hope) enjoyed, and either a dinner-dance or house party to complete our social program.

The following officers were elected for the year 1930-31:

Regent	R. T. Hanson	to succeed	A. G. Ringer
Vice-Regent	A. J. Werner	to succeed	C. A. Kutz
Treasurer	I. T. Sommermeyer	to succeed	K. H. Sommermeyer
Steward	L. J. Oberg	to succeed	K. H. Sommermeyer
Scribe	F. J. Biltz	to succeed	D. B. Kendall
Cor. Secretary	G. B. Brimhall	to succeed	R. C. Ramsdell
Marshall	S. T. Smith	to succeed	G. W. Langenberg

The Ninth Biennial convention of the fraternity was the most important happening at Alpha this year. It was held the last three days of 1929, December 29th, 30th, and 31st, at the Francis Drake Hotel. During the days national business was transacted, committees appointed, etc., and the three evenings were taken up with a "getting acquainted" smoker, a banquet at which our Brother Schrader was presented with a watch as a token of our appreciation of his splendid work for the good of the national organization, and last, but not least, a party at the house on New Year's Eve.

We were very glad indeed to welcome all the national officers, the active chapter delegates, and alumni association guests. Alpha Chapter wishes to express its appreciation of the fine co-operation of the Twin City Alumni Association, and to extend to the national officers, active chapter members, and alumni members a cordial and standing invitation to visit our city, University and chapter house at any time.

F. J. BILTZ, '31.

Minneapolis, Minn., March 24, 1930.

BETA

The current school year at Michigan Tech has been fairly successful to Beta in many respects. In spite of the fact that rapid expansion has been necessary, activity among the members has not slackened in the least.

One of our most gratifying achievements of the past few months is the improved condition of finances at the chapter house. At the beginning of the fall term, an average of twenty-four men were rooming and boarding at the house. Since that time, five men have been initiated and eight additional men pledged, so at present we have twenty-eight active members and eight pledges on our chapter roll.

At the fall term initiation the following men were brought into the house: A. J. Pepin, Escanaba; P. E. Young, Springfield, Ohio; N. L. Gruber, South Haven; P. C. Beck, Detroit; and H. J. Schroeder, Saginaw.

Beta has carried off more than her share of honors in campus activities.



BACK ROW—Tilton, Rowley, Beck, Gaynor, Putnam, Thresher, Supple, Weigel, Becker
 THIRD ROW—Webb, Young, Thomas, Schroeder, White, Hawn, Kropf, Brophy, Fiedler.
 SECOND ROW—Atkins, Swinehart, Walz, George, Gruber, Pepin, Foster, Werkowski.
 FRONT ROW—Clever, Harrington, Polkinghorne, Hon., Fisher, Hon., Duggan, Hon., Longacre, Hawn, Owens.

Brother Weigel has been elected president of the Sophomore class and Brother Kropf president of the Senior class. In the recently formed "Catalyzer Club" for chemical engineers, Brother Gertz is president. In the "Ingot Club", Brother Kropf is president and Brother Werkowski is secretary. On the "Keweenaw" staff, Brother Foster is sports editor, and Brother Kropf is advertising manager. On the "Lode" staff we are well represented, while in the local R.O.T.C. unit, eight of the brothers hold offices. Brothers Thomas and Weigel are members of the varsity rifle squad.

On the varsity football squad we were represented by Brother Zwart who was captain and Brother Putnam. On the basketball squad we had Brothers Putnam, Young, and Foster. Brother Young is captain elect of the 1930-31 team. We are certain to be well represented on the track squad, having with us Brothers Putnam, Foster and Gaynor who are letter men from last year.

The scholastic standing of the chapter is very high this year, the brothers

maintaining better than a "B" average. We are expectant of placing one or two men in Tau Beta Pi at their election in the near future.

In intramural athletics, Beta is doing fairly well. At present we are in third place with the program about half completed.

The social activities sponsored by Beta have been decidedly successful this year. Several dances and a dinner party were given at the house during the winter term.

Three interesting professional meetings were held this year. The first was a lecture on chemistry by Dr. DeWitt of the faculty; the second was a lecture and motion picture by Mr. Nelson of the Bell Telephone Company; and the third a lecture on engineering projects in India by Professor Young of the Mechanical Department.

At the end of the spring term this year, Beta will lose two men by graduation. They are Brothers R. B. Kropf and T. A. Supple. This loss however will be partially offset by the return of several of the older members who have been out of school for a year. All indications point to another highly successful year beginning next October.

In conclusion, we of Beta Chapter extend our best wishes to all of Theta Tau.

FREDERICK M. FOSTER, '32

Houghton, Mich., March 15, 1930.

GAMMA

Gamma Chapter is experiencing another very successful year. Our members are in all the campus activities and compose a well balanced chapter.

With an eye on the future, we initiated seven good men on February 8th. Ed Rice, two year football man; Marion Mercer, Tau Beta Pi and student instructor; Frank Hayward, former editor of the Oredigger, weekly publication of the school; Frank Carruthers, football man and campus leader; Dan Lyons, popular petroleum production man; and James Woodburn, football player.

We are also proud to announce the initiation of two honorary members, Professor S. Power Warren and Professor Byron B. Boatright. Warren is well known as a consulting metallurgical engineer and an authority on flotation, as well as being a highly respected man by the students. Boatright after several successful years in the field returned last year to assume the head of the petroleum department of the school and has proved as successful in that as in the field.

Eight men known to be of the proper stuff were recently pledged to Gamma Chapter. These men are all around fellows and are collectively and individually well balanced, being high ranking students, campus leaders and athletes. They are Kelly, Bond, Pressett, Wilkerson, McClave, Adams, Bennett, and Turnbull.

Brother Allan, football coach, was recently appointed head of the Mines Athletic Department, which gives him the distinction of being the youngest athletic director in the Rocky Mountain Conference as well as others.

Of the 33 men in Gamma Chapter eighteen are letter men in major sports and five are members of Tau Beta Pi.

Brother Kerr, regent of Gamma Chapter, who was representative at the national convention, gave a report of the convention outlining its aims and

plans for the future. It was unanimously agreed to try to cooperate in every way with the national organization and other chapters in every way possible to bring about the realization of these plans.

At graduation this year the chapter loses eighteen men. Lyons, Gernert, Carr, Kerr, Patton, and Pulver will receive P. E. degrees; Smith, Mercer, Wheeler, Scheble, Faller, and Fleishman will get E. M's; Conger, Kinney, and Williams will all be metallurgists; and Barney, Bowie, and Griswold will be full fledged geologists. This leaves quite a hole in the ranks but the men graduating as well as those remaining feel that the chapter will be able to hold its high position on the campus in the future as it has done in the past.

Golden, Colo., March 19, 1930.



BACK ROW—Professor Gardener, Coolbaugh, Scheble, Carter, Barker, Plator, Trumbull, Sess, Barney, Hayward, Smith, Kinney.

CENTER ROW—Griswold, Cline, Rotison, Woodburn, Lyons, Patten, Carruthers, Conger, Mercer, Fleischman.

FRONT ROW—Williams, Genert, Bowie, Bonnet, Burrell, Faller, Gibson, Pulver, Kerr.

DELTA

Delta Chapter has enjoyed an active and enjoyable school year. December 6, 1929, the following men were taken into the bonds of H & T: T. H. Anspacher, E. L. D. Bastian, W. O. Binder, W. W. Dill, F. S. Ebinger, R. N. Envall, B. W. Gemmil, F. Herzegh, F. K. Koerner, J. T. Leach, F. P. McLain, M. M. McGrew, W. R. Persons, A. I. Schau, W. L. Scherer, T. F. Shaffer, H. W. Smith, H. L. Snead, W. C. Styerwalt, R. C. Taft, M. A. Weppner, and R. C. Wintrich. We feel sure that the new brothers will carry on the work next year with a great deal of vigorous activity.

Delta is very fortunate this year and is very proud of the fact that Brothers Davies, Bastian, Fraser, Koerner, Schau, Smith, Vaughan, VanVoorhis, and

Wilson wear the bent of Tau Beta Pi. Brother McLain was recently elected to and initiated into Eta Kappa Nu.

Brothers Windecker and Taft are leading and managing respectively, the Glee Club through its most successful year. Their efforts are most commendable. Brothers Persons, Volmar, and Dill have been the luminaries in an otherwise drab basketball season for Case.

Brother McGrew, program chairman, has taken hold of his job with very encouraging enthusiasm and has procured several fine speakers, among whom are such men as Pres. Wickenden and Dayton C. Miller, renowned exponent of the theory of Ether Drift.



BACK ROW—Leach, Shaffer, Persons, Windecker, Weppner, Anspacher, Binder.
THIRD ROW—Volmar, McLain, McGrew, Wintrich, Dill, Geumil, Styerwalt, West.
SECOND ROW—Spangenburg, Shau, Sneed, Koerner, Scherer, Envall, Tyler.
FRONT ROW—Fraser, Vaughan, VanVoorhis, Wilson, Davies, Hudson, Taft.

At present the seniors are much concerned with jobs after graduation. Brother E. F. Morrill, '29, has been representing the Ohio Bell Telephone in its selecting of the seniors for positions.

At the election of officers, the following men were elected: Regent, R. R. Wilson; Vice-regent, S. N. Van Voorhis; Scribe, C. A. Davies; Treasurer, T. D. West; Inner Guard, E. W. Vaughan; Outer Guard, E. B. Volmar; Marshall, C. E. Windecker.

Delta Chapter is in the midst of an active year and is building a foundation for years to come. Its success is due in a great measure to the fraternal and wise advice of Brother Frank R. Van Horn, Professor of Geology and Mineralogy.

ROGER REID WILSON

THE GEAR OF THETA TAU

EPSILON

This semester Epsilon Chapter will be guided by Regent Roger Rhoades. The other chapter officers are: Vice-Regent, William Warren; Scribe, Charles Bedford; and Treasurer, Charles Fairbank.

We are fortunate this semester in having with us Grand Regent Richard Joel Russell, E'19, who is a visiting Professor of Geography.

The semi-annual open house was held at the Zeta Psi Fraternity on the evening of February 14th. The speaker of the evening was Professor Louderback, E '96, who gave a very interesting talk on his experiences in Java at the recent International Science Congress. The affair was well attended.

Initiation was held on Saturday, March 15, and it consisted of the usual events. The banquet was held at States Hof Brau in San Francisco. Grand



BACK ROW—Prof. Morley, Prof. Hersam, Prof. Hulin, Prof. Louderback, Prof. Uren, Anderson.

SECOND ROW—Bedford, Rhoades, Gardner, Gould, Stevenson, Gilmore, Gasoline, Fingland, Sprinkel, Huffman, Fairbank, Frederick.

FRONT ROW—Cornwall, Dawson, Rand, Brown, Johnson, Chamberlain, Seager, Christensen, LeConte, Oliver, Williams, Erwin.

Regent Richard Joel Russell, '19; Charles Anderson, '24; and Harold Lloyd, '23; were the only alumni present. The initiates were: Thomas Stevenson, '30; Dion Gardner, '29; Joseph LeConte III, '31; Robert Williams, '31; Jack Fingland, '31; Leo Oliver, '31; Neil Christensen, '31; Henry Jones, '31; Lewis Goldsmith, '32; and Sherman Cornwall, '31.

Several members of Beta Chapter are with us out here on the Pacific coast. F. W. Varney, B '08, is a general contractor in San Francisco. Byron O. Pickard, B '07, is safety engineer for the Pacific American Steamship Association.

We, of Epsilon, extend fraternal good wishes to all members of Theta Tau.

HAROLD V. GILMORE, '30

Berkeley, Calif., March 17, 1930.

ZETA

The beginning of the second semester of Zeta Chapter seemed like the beginning of a new school year. So many of our old timers graduated or left school and so many new fellows moved in with us.

The officers which were elected at the fall election are: Regent, Howard H. Hines; Vice-Regent, Louis Tucker; and Scribe, Charles A. Moske. Brother Moske was unable to return to school the second semester and Clark Hopkins was elected to serve the unexpired term of Scribe.

Eight men were eligible for initiation into the Zeta Chapter this year. They are as follows: Donald E. Bonjour, Civil '31, Onega, Kansas; Charles Clutz, Civil '32, Troy, Kansas; Dio. D. Daily, Min. E. '32, Scammon, Kansas; Ansel Hardesty, Chem. E. '32, Williamstown, Kansas; Garold Kane, Elect. '31, Baxter Springs, Kansas; Geo. F. Wasson, Mech. '31, Kansas City, Mo.; Jack Worner,



BACK ROW—Straight, Snell, Kennedy, Gallrath, Wasson, Guy, Long, Platt.
FOURTH ROW—Peirce, W. Wood, Hughes, McDunkins, Worner, Johnson, Fletcher,
C. Wood.
THIRD ROW—Bonjour, Tyson, Kehr, Prof. McNowen, Hines, Prof. Warner, Prof. Moss,
DeWoody, Hardesty.
SECOND ROW—Powell, Klemp, Sharpe, Kane, Woolley, Luff, Moske, Tucker,
Hanson, Hood.
FRONT ROW—Dyer, Daily, Carrier, Hopkins, Benson, White, Hensley, Clutz, Mc-
Murray, Benz, Faust.

Elect. '31, Leavenworth, Kansas; Glen A. White, Mech. '31, Farmington, Kansas.

With "Quality" as the slogan, pledging was at its best throughout the latter part of the first semester. We endeavored to obtain the best of the underclassmen and some excellent juniors. Those pledged were: Charles O. Burton, Mech. E. '31, Mound City, Kansas; S. M. Dyer, Civil '32, Pittsburg, Kansas; Ronald Funk, Elect. '32, San Antonio, Texas; Harry J. Green, Elect. '32, Scottsville, Kansas; W. Ansel Hardesty, Chem. E. '32, Williamstown, Kansas; C. Merwin Lewis, Elect. '31, Yates Center, Kansas; Chas. E. Manning, Mech. '33, Roxbury, Kan.; George R. Murphy, Elect. '31; Kansas City, Kan.; Dennis S. Pearce, Elect. '32, Olathe, Kansas; F. Walt. Scofield, Civil '33, Junction City, Kansas; Glen A. White, Mech. '31, Farmington, Kansas; Floyd E. Gidinsky, Civil '32, Kansas City, Mo.

Professor Earl D. Hay, Head of Department of Mechanical Engineering,

spoke to the chapter recently on the subject of Aeronautics. Professor Hay announced the probability of an R.O.T.C. air unit at the University.

Intramural sports which have been under the able supervision of "Luffy" (Wayne E. Luff) are now in charge of Doc Faust. Theta Tau has had a good team this year in basketball, but has not fared as well as some teams in the division. With the taking on of several new men at the beginning of the second semester, our chances for a better team are almost assured.

Two social events of interest are the St. Pat's party planned for March 8th, and Founder's Day Banquet either April 12th or 13th.

Now for a bit of news which will gladden the heart of many a Jayhawker. Kansas is again on top in basket ball. We have a splendid team and are looking for a real championship of the Big Six.

The work is well on the way toward completion of an Alumni Directory of Zeta Chapter but sufficient information is not available regarding many of the fellows. We would appreciate your co-operation regarding this matter.

Brother "Chig" Hines was sent as delegate from Zeta to the bi-annual convention held in Minneapolis. Chig returned with some very valuable material which will benefit the chapter in many ways. It is hoped that Zeta will be able to have the convention for 1931.

Wayne E. Luff, J. Leland Johnson, and Harry Snell were graduated at the end of the first semester. Snell is working for Southwestern Bell Telephone Company. Neither Luff nor Johnson have accepted jobs as yet.

Charley Moske and Stanley Fletcher are staying out this semester while Tom Long transferred to the University of Arizona.

Twelve new men have moved in the house while meals are being served to twenty-seven men. With the house full and the table well patronized, it is clearly evident that we will be well on top, financially, by the end of the year.

One of our past pledges, Reynolds Klepper, was married to Miss Margaret Lee Jackson, December 24th. "Klep" and Mrs. "Klep" are now living in King City, Missouri.

We announce the engagement of Miss Verona Broyles to Ashford Galbreath, Civil '31. Miss Broyles is a member of Alpha Xi Delta.

The grade average was raised considerably although no accurate calculation has been made.

MARVIN S. HENSLEY.

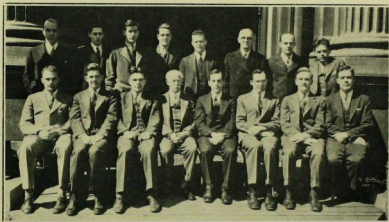
Lawrence, Kans., February 26, 1930.

THETA

Theta Chapter began the year with the return to school of Brothers Crampton (Regent), Curran (Vice-Regent), Young (Secretary), Kearney (Treasurer), Dickson, Jones, Pitkin, Grover, and Bradley, and pledges Knapp, Walker, Rous, and Wilkins. To inaugurate the year and to commemorate the 25th anniversary of the founding of Theta Tau a very successful dinner was held at the Columbia Club. In addition to all the active members several alumni were there to view the younger brothers and to join in the celebration. Not only Theta but several other chapters were represented. Those present at the dinner included Brothers R. B. Dickson, Toastmaster, Theta '30; J. Sydney Marine, Eta '18; Guest of Honor: Prof. T. H. Harrington, Theta Hon. '89; W. W. Bainbridge, Eta '22; W. D. Turner, Iota Hon. '17; Shirley Goldsborough, Lambda

'21; H. H. Haglund, Lambda '21; Hugh Lyman, Lambda '25; Robert Kalb, Sigma '27; R. J. Pyle, Theta '24; John Theobald, Theta '27; James Darnell, Theta '28; J. J. Knox, Theta '29; Maurice Duhig, Theta '29; A. W. Ackerman, Theta '29; G. R. Gohn, Theta '29; and D. O. Noel, Theta '29. Much of the success of the dinner was due to Brother Dickson who took charge of affairs and saw to it that not the slightest detail was left undone. All the Brothers left the dinner with the announced intention of never missing another Theta function if at all possible.

To keep up the good scholastic record of the Chapter four of the brothers were elected to Tau Beta Pi, joining Brothers Curran and Young, who were elected last spring. Brothers Crampton, Bradley, Grover and Jones were those chosen for this honor and Theta feels proud of their record. Crampton's essay,



TOP ROW—Bradley, Wilkins, Dunlop, Heath, Brown, Baumeister, Hinkley, Knapp.
FRONT ROW—Grover, Jones, Curran, Harrington, Crampton, Pitkin, Young, Dickson.

"Public Control of Public Utilities," was chosen the prize essay of those written by the newly elected members.

Final initiation was held on December 13th, at which time entering Brothers Knapp, Walker, Rous, and Wilkins were duly initiated. The initiation was followed by a dinner at the Columbia Club attended by all the active brothers and several of the graduate brothers. Since the initiation, Theta has added three men to its number — Pledges Heath, Brown, and Dunlop.

Theta is particularly honored by the recent election of Brothers Crampton, Curran, and Young to Sigma Xi. Brothers Bradley, Walker, Knapp, and Rous were elected to the Senior Honorary Society of Dumbells.

Among the activities in the Engineering School we are well represented, having Brother Grover as president of the graduating class, and Brother Curran as chairman of the honor committee and president of the Engineering Society. Also as members of the honor committee we have Brothers Kearney, Grover, and Wilkins.

Columbia University, March 17, 1930.

IOTA

Brother E. C. Long was our official delegate to the Theta Tau convention and gave an interesting account of the convention to the chapter at its first meeting after the Christmas holidays.

The school grade report for the first semester was very favorable for us. Our average was 1.28, rating a plus two with the school average as zero. Brothers E. C. Long and J. E. Barton were initiated into Tau Beta Pi the first semester and Brothers R. Z. Williams and P. Ware were pledged this semester. Brother Barton was also elected to Phi Kappa Phi this semester.

In other campus activities Iota Chapter is holding up its end. Brother Heilig has had the honor of being re-elected as captain of the Miners Basketball Squad for the next season. Brothers Reeve and Arnold are members of the track squad. Brothers Dover and Jarboe are President and Vice-President respectively of the Athletic Association, Brothers Jarboe and Sherrill are President and Treasurer respectively of the Missouri Mining and Metallurgical Association, and Brother M. F. Thomas is business manager of the M. S. M. Players.

Eleven seniors will receive their degrees in May. They are: Brothers E. C. Long, R. B. Sherrill, M. F. Thomas, J. E. Barton, J. R. Jarboe, K. R. Neal, A. P. Heiser, G. F. Heath, E. J. Gregory, H. C. Brickner, Jr., and T. J. Dover, Jr.

Sixteen men have been pledged this semester and plans are now being made for initiation and the annual spring dance that follows the initiation.

There is one more open meeting planned for this semester and we are looking forward to a full attendance.

In closing, we urge the alumni to drop us a line once in a while. To all members of Theta Tau, we extend Fraternal Greetings, and best wishes in H & T.

THOMAS J. DOVER, JR., '30

Rolla, Mo., March 25, 1930.

KAPPA

We are certainly proud of Brother Oeler who has recently aspired to the dizzy height of becoming president of Tau Beta Pi. He is to be congratulated on his success.

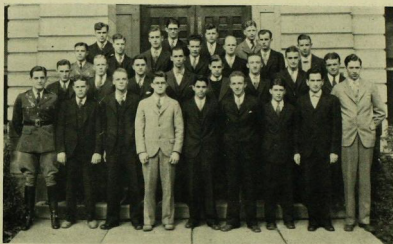
C. S. Monnier, W. F. Ridgeway, L. F. Concklin, W. J. Hoffman, F. H. Davis, H. D. Peoples, H. E. Hudson, O. B. Gerlach, M. D. Serblin, H. C. Lane, R. P. Sayres, and E. W. DeBerard were added to the list of actives shortly after the Christmas vacation and, speak for yourself John, we think they will do big things for Theta Tau. Four of them hold chapter offices now, and seem to be shouldering their responsibilities remarkably well. Unfortunately, two of the above men were forced to drop out of school and are not with us now. We hope they will return next fall with renewed ambition and a lot of the old pep for Theta Tau.

The bi-weekly meetings have been, educationally, an inspiration to the chapter. There have been talks by some of the brothers, and others by the faculty, telling of their experiences along one line or another. At the last rushing smoker Brother (Prof.) Vawter of the C. E. Department told the rushees all about Theta Tau and just what it meant to the profession. At a later meeting Bruce Eaton told us of the possibilities in the oil-shale field while Bill Ridgeway enlightened us as to these tricky contraptions called vectors. From his explan-

ation one might be able to go to the moon without the slightest bit of trouble if he only had one of these vectors in his possession.

Kappa plans a spring dance for March the twenty-eighth and we hope to make it a big success. The spring rushees are to be invited and in this way they can be looked over by the eager eyes of the brethren. The rushing smoker is to be held the following Thursday evening and we will at that time choose our bunch from the promising material.

We would appreciate hearing a little more from these big, strong, silent men who are out in the world now doing their best to uphold the honor of the profession. Let us hear about some of the things you alums are doing.



BACK ROW—Lane, Peoples, Ridgeway, Sayers
 SECOND ROW—Concklin, Gerlock, Kletting, Mather, Muntz, Serblin, Hoffman.
 THIRD ROW—Davis, Mackay, Biondi, Schubert, Huck, Murphy, La Belle, Scott.
 FRONT ROW—Doescher, Houck, Lawson, Schroeder, Oeler, Luckman, Monnier;
 Reeder, Hildeman.

The chapter considers itself lucky in the spring election of officers, J. R. Woodfill being elected regent, while Chuck Luckman, last year's scribe, holds down the vice-regent's chair. Brother Ridgeway is managing the financial end of the deal, while Shorty Monnier does the scribbling for the boys. He is doing a marvelous job of sending out the meeting notices and gives promise of being a fine scribe for the coming year.

EMMONS W. DEBERARD, '31

Champaign, Ill., March 20, 1930.

LAMBDA

The first meeting of this quarter was turned over to Brother Smith who gave a report on what was accomplished at the Convention held during the Christmas holidays.

An initiation was held about the middle of this Quarter and the following

new brothers are now with us: Alvin Fagergren, Harold Bradford, Harper Cowles, and Franklin R. Shafer. A month later, Brother Shafer was elected to Phi Kappa Phi, being the only brother so far this year to obtain the honor.

The graduating seniors have been very fortunate in securing positions as soon as school is out. The following brothers have definite offers from General Electric: R. E. Griggs, Elton Pace, Lorin Moore, George W. Dauncey, Jr., and E. Irving Alter. Brother Gertsch has accepted an offer with the Radio Corporation of America at Camden, New Jersey. Brother Shafer will join the Transmission Department of the Mountain States Telephone and Telegraph Company.

We shall be losing fourteen men at graduation this year, but we are planning to initiate enough men next quarter to fill the vacancies. At present we have twenty-one active members. The officers for the past year have been: Wallace Smith, Regent; Courtney Campbell, Vice-Regent; Lorin Moore, Treasurer; and E. Irving Alter, Scribe.

This year we have had two brothers prominent in school activities. Elton Pace has been President of the A.S.U.U. and also President of the Engineering Society. Walter Dauncey has been Secretary-Treasurer of the Engineering Society.

The prospects are good for having Theta Tau represented in next year's school offices. Brother Edgar Barker has been nominated for President of the Engineers for next year, Brother Harper Cowles for Vice-President, Brother Donald Burnett for Treasurer, and Brother Harold Bradford for Athletic Manager. We are hoping to see all of these men elected in the near future.

Our Annual Formal Dinner Dance was held Friday evening, February 28th, 1930, at the Commercial Club. It was cabaret style, and was enjoyed by all present. The favors were small trinket boxes, with the Fraternity seal engraved on the covers. Brothers Campbell, Olsen, and Moore had charge of the affair.

The last week of this Quarter will be a week of celebration for the Engineers, and Friday, March 21st, will be our special day. Lambda Chapter has offered a cup for the best event of the day.

Lambda Chapter sends greetings and best wishes to all other chapters.

E. IRVING ALTER

Salt Lake City, Utah, March 17, 1930.

MU

Brother Curtis paid us a visit on the 14th. We were delighted to see him and to have the opportunity of making him acquainted with the University of Alabama and the territory in which it is located. It also afforded the old men of Mu Chapter and pledges the chance of coming into direct contact with a man higher up in the workings of the fraternity. He undoubtedly gave us an added zest and stimulus. While Brother Curtis was with us we had an informal banquet at a local tavern, which was attended by both members and pledges and an alumnus.

Brother Rankin was St. Pat at our recent celebration on Engineer's Day, March 17th, on St. Pat's Day. Brother Sailor, Mu's representative to the last national convention, was St. Pat's jester, and a mighty good one he made. The celebrations of the day and evening were nearly all planned and carried out by members of Mu Chapter and pledges. This is the annual big day for the

engineers at Alabama. During the morning St. Pat arrives. This year he came on a tire truck, while last year he came in an ambulance. He takes a transit and with the help of the jester locates the Blarney Stone. After the stone has been found, St. Pat chooses his queen. She with her maids accompanies the Saint on a tour of inspection of the Engineering Building. A large crowd has formed during this time, and a goodly number go through the shops. In the evening at seven o'clock the banquet is held. After the banquet St. Pat holds court with his queen and knights, the senior engineers and whomever else he decides upon. There were over two hundred at the banquet, but much more fun would have been had if the total of five hundred engineers enrolled had attended. At the banquet the Theta Tau cup for the most prominent engineer in the school was presented to Brother Rankin. This cup is given annually by Mu Chapter. The man selected is chosen by the Dean and two professors. After the banquet the St. Pat Ball was held. This was one of the outstanding dances of the season. It is an annual affair like the banquet. Theta Tau and Tau Beta Pi were the only organizations to have a lead-out during the dance.

PHILIP DAVIS, '30

University of Alabama, March 29, 1930.

NU

At the regular meeting held March 5th the reins of the chapter were placed in new hands. The new officers are: James H. Dodge, Regent; Lawrence M. Baugh, Vice-Regent; William J. McGregory, Scribe; Charles K. Carter, Corr.-Scribe; Merle W. Smedberg, Treas.; Wesley S. Hodge, Marshall; Henry Heckroth, Inner Guard; John T. Sabol, Outer Guard. A great deal is expected from these men and we all hope that they take up the work with a zeal that will more than fulfill our expectations.

Due to our extraordinary financial standing the chapter is holding a formal dinner dance on April fourth at the Alcoma Country Club. We are making an earnest effort to have as many alumni attend as possible. Brother Auld is head of the committee for the dance and according to his reports it will be a really nice affair.

Three new members have been initiated since the holidays. They are: M. W. Smedberg, C. K. Carter, and H. Wall. All three are juniors. Brothers Carter and Smedberg were initiated into Eta Kappa Nu at their last initiation. We will hold our Spring call and initiation the latter part of April or early in May. At that time we hope to initiate about ten men from the Sophomore class. We are expecting this to be one of Nu's most successful semesters.

We of Nu sincerely wish you all the success possible in your own chapter activities.

JAMES H. DODGE, '31

Box 114, Pittsburgh, Pa., March 8, 1930.

OMICRON

Omicron thus far has had a very successful year. At present we have thirty-two actives and eleven pledges. The end of the first semester marked the end of Brother Jensen's and Brother McCann's college careers. Swede Jensen is with the Northwestern Bell Telephone Company at Des Moines, and D. C.

McCann is continuing his stay with us to obtain his Master's degree in chemistry. Besides these men several of the men left school for the semester but will be back with us again next year.

We held our spring initiation on March 2nd and at that time Olin Sogge, Kenneth Smith, and Harold Peterson joined Theta Tau. The initiation of these men filled the ranks of the men that left school.

Just before the Christmas holidays we moved to a new location. Because of the increase in the chapter the house we formerly occupied was entirely inadequate to house the men. The house we now live in is not new, but it is large and is conveniently arranged, so we now have considerably more room than before. We certainly do not regret the change for it is a great help.



TOP ROW—Mathis, Aschenbrenner, Starkweather, Miller, Phelps, K. Smith, E. Arvidson, Evers, Weir
 SECOND ROW—Edwards, Steele, Loveland, Quigley, Jessen, Clearman, Sogge, Mullinix Stanley
 THIRD ROW—Prof. J. Howe, Munro, Peterson, Kehe, Meyers, Sherod, Hemphill, Kringel, Harrington
 FOURTH ROW—McLarney, P. Arvidson, Secrest, Menzer, Young, H. Howe, Lundy, Wells, Cerny
 FRONT ROW—Smith, Rauch, Prof. Kittredge, Ashton, Prof. Holt, Jensen, McCann, Rantzow, Kerch.

Professor F. T. Mavis of the Mechanics and Hydraulics Department gave a very interesting talk on Concrete Arches at our last professional meeting. These meetings have not been very regular because of some unforeseen incident that would make it impossible for the speaker to keep his engagement.

All the men are busy either with Mecca, the engineers' annual celebration, or spring baseball. All the baseball playing is preliminary to Inter-fraternity baseball that will begin within a month or so. We have fond hopes of annexing that championship cup which we failed to get last year by a scant margin. All of the fellows of last year's team are back and it looks like a hot season ahead for us.

All of our parties this year have been informal but they have all been great gatherings due to the efforts of Brother Jensen and his successor, Brother Rantzow. The usual policy is to have about five parties a year. This gives enough time between each one to make the boys ready for another.

We have had some honors conferred on the men here. Brother Ashton was selected by the faculty for Junior membership in the American Society of Civil Engineers. This honor is awarded each year to one Senior Civil by the society.

Brothers R. Jessen and Luvern Kehe were initiated into Scabbard and Blade. Brother McCann was elected to Phi Lambda Upsilon, honorary Chemistry fraternity. Brothers A. Stanley and L. Kehe succeeded in making the first selection to Tau Beta Pi.

Things are going good and we are looking forward to a continuance of this success.

LUVERN KEHE, '31

Iowa City, Ia., March 19, 1930.

PI

Fall initiation was held on December 5th and included George Belote, J. O. Knipe, R. R. Talley, D. S. Kelly, C. Alexander, B. Harmon, Allan Ladd, W. K. Price, W. P. Parker, Jas. Pollard, W. W. Forrester, and H. Mickie. These new



BACK ROW—Talley, Pollard, Michie, Kyle, Alexander, G. E. Harmon, Price.
SECOND ROW—Thurston, Kelley, Lafferty, Hawkins, Knipe, Holt, Parker, Forrester.
FRONT ROW—Belote, Blann, C. D. Harmon, Thornhill, Rodman (Prof.), Rose, Krebs,
Ladd, Gildea.

members were selected upon their records in studies and school activities, among them being many who have received University honors.

Theta Tau is well represented in school organizations. Three of our brothers, F. W. Rose, John Blann, and Paul Kiebs, were initiated into Tau Beta Pi, bringing our total of active members of Tau Beta Pi up to six. Charles Harmon, our former regent, is a member of Phi Beta Kappa and President of the Engineering school. Another position of importance held by one of our members, Harry Holt, is that of Chairman of University Society of A.I.E.E. J. W. Rose has recently been elected president of the local Chemical Engineering society.

Meetings at two week intervals have been planned. Many interesting speakers of professional interest have been asked to give talks at these meetings, and Pi Chapter cordially invites any brother to attend.

The annual A.I.E.E. convention was held at University of Virginia this year and Theta Tau members were warmly received by Pi Chapter. Several very interesting talks were given and a number of student papers read. Professor Rodman of the Electrical Department and a member of Theta Tau is an officer on the National Board of A.I.E.E.

Pi Chapter will be glad to receive any communications from other chapters.

H. H. THURSTON, '31

University of Virginia, University, Va.

RHO

Rho Chapter celebrated its sixth anniversary February 16th, with a formal banquet at the Peacock Alley Tea Room. There were twenty-four members present. Speakers and guests attending were: Brother Fred Coffman, Vice Grand Regent; Brother J. W. Harrelson, one of the charter members of Rho Chapter; and Dean W. C. Riddick, head of the School of Engineering.

Rho Chapter entered a float in the parade held in connection with the St. Patrick's celebration. Brother W. W. Weltmer held the honor of being St. Pat.

Brother D. E. Jones was elected to Phi Kappa Phi, honorary scholarship fraternity.

T. G. SMITH

Raleigh, N. C., March 30, 1930.

SIGMA

The fall quarter saw a quartet of valuable men leave us. Brothers Charles H. Altwater, Ely G. Fenton, Earl C. Petrie, and Arthur H. Falter joined the ranks of the alumni. A farewell dinner to these men was held in the Chapter house on Sunday, December 15th.

We are pleased to announce the initiation on January 26th of the following men: Carl Simon, Carl Hohenshil, William Burlingame, Robert Moser, Earl Speer, Russell Steenrod. A banquet honoring these new men was held at the Southern Hotel on the same day. The occasion was complete — cigars and Brother Ott's talk.

The following men have been pledged: Albert Hansen, Richard Hindman, Fred Leydorf, John W. Cole, Lancelot McKnight, Belden Tucker, Charles Cancik, Norman Hoenie, and Carl Bryson.

The temporary withdrawal of Brother Allison and the graduation of Brother Falter necessitated the election of a Vice-Regent and Outer Guard. Brothers Webster and Beer were chosen to fill these vacancies respectively. Brother Fenneman is our new keeper of the shekels. To him has also been intrusted our affairs in the Inter-fraternity Council.

Scholastically, our new achievements are: Tau Beta Pi — Brothers Cunningham, Allison, Fiedler, Gilchrist, and Osborn; Eta Kappa Nu — Brother Steenrod; Scabbard and Blade — Brothers Stanbery, Webster, and Fenneman. Brother Osborn still continues to shine. His latest recognition is a loving cup presented by the Clark County Alumni of Ohio State to their outstanding student from that county. Brother Gilchrist is the new president of the senior class in the Electrical Engineering Department.

During the holidays, Scarlet Mask's presentation "Loops My Dear" scored a big hit. Brothers Dumbauld and Steenrod contributed to its success.

Our professional dinner meetings are growing in importance and value. Plans for the meeting held in February included a new idea. We were extremely fortunate in securing Mr. R. J. Rose of the Cooperas Construction Company of Pittsburgh. The dinner was held at the Souther Hotel with a number of faculty men as well as actives being present.

A dinner in honor of the founders of Sigma Chapter was given at the Hotel Fort Hayes on November 25th.

Natives of Sandusky, Ohio, as well as Theta Tau men, were proud of the way that Brother Lucal handled the arrangements for the Annual Ohio State University Christmas Prom held in that city on December 28th. Brother Steenrod's band furnished the music.

Brother C. H. Wall, 365 Tibet Road, Columbus, Ohio, the secretary-treasurer of our new organization — Sigma of Theta Tau Association, Inc. — reports that a fine spirit of cooperation is being manifested by the alumni.

FRED W. GILCHRIST, '30

Columbus, O., March 26, 1930.

TAU

Tau Chapter has just installed a new line of officers, and is looking forward to another year as successful as the last. The twenty-ninth annual Engineer's banquet, which is sponsored by Tau Chapter, was voted a complete success by the college, for which the committee, headed by Wm. Gidlow, Past Regent, deserves a great deal of credit.

Three of our recent alumni have been back in Syracuse during the past few months. Hal Merry looked in on the boys early in February, while E. D. Bryant, '29, and Fred Gibbs, '29, were around this month. Bryant was sent up by the New York Telephone Company in search of senior electricals, and Gibbs is employed by the local firm of Wallace and Tiernan, working out of this city. He expects to be permanently located here in the near future. Our other alumni are all occupying good positions with various concerns.

This year's seniors have received their fair share of the college honors. Harvey Banks, Tau Beta Pi, Pi Mu Epsilon, has the highest scholastic average of all the men in the university. He is also a member of the University Glee Club, and has just been succeeded in his office as Outer Guard of Tau Chapter.

Wm. Gidlow, our Past Regent, is the Student Senator from Engineering and is working out with the LaCrosse team. Both he and Arthur Wood, last year's Senator, have received their letters in hockey. Jack Shappell, past Marshall, and Fred Benner are both affiliated with Scabbard and Blade.

Just at present, Prof. E. F. Berry of the Civil Department, is taking the senior civils on a ten day inspection tour through the Eastern states. Most of the men with him are brothers.

With a good bunch of juniors and sophomores to carry on, we can see only a bright future ahead.

V. RALPH SOBIERALSKI, '31

Syracuse, New York, March 28, 1930.

UPSILON

The local chapter chose Kenneth Shoephoester as its delegate to the national convention held December 29th at Minneapolis. "Shep" gave a very favorable report on the convention and said it was a success from every point of view. He brought back suggestions that he thought would be of help to the local group.

All effort will be made to have the convention here at the University of Arkansas when it meets in 1931. Invitations have been given by the President of the school and by the Dean of the Engineering College. The local chapter feels as though it can show the convention one of the best times it has ever been shown. There is plenty of pep and spirit coordinated with good fellow-



ship in this group; we are a new chapter compared to some others, but we are confident that we could put things over in big style if we had the opportunity. So look forward to the convention being held at Fayetteville, Arkansas, in 1931. It's going to be the big affair of the year if we are lucky enough to have it here.

Our president of Upsilon Chapter was elected St. Pat for Engineers' Day in the middle of March. This is a signal honor to be bestowed upon him as St. Pat will probably be president of the General Engineering Society.

Fayetteville, Ark.,

C. R. WROTEN, '30

PHI

Our fall and winter activities consisted of professional meetings led by the professors of the various schools on topics of mutual interest. Brother G. P. Springer gave a very instructive lecture on "Eastern Highway Development."

Strong interest has been taken in inter-fraternity athletics and the season has been very successful in both basketball and indoor track. A new cup has been added to the collection as a result.





The annual faculty smoker has been set for March 21st. All of the engineering faculty has been invited. The smokers have been successful in previous years and we are anticipating this one to be the best ever.

Spring elections for honoraries will soon come and we are hoping for our share.

The following officers were elected at the spring election at the house: H. W. Aiduser, Regent; C. G. Mitchell, Vice-Regent; C. F. Terrell, House Manager; G. M. Wilson, Treasurer; E. L. Fawcett, Steward; R. B. Stradling, Scribe.

A. E. FILLINGER

West Lafayette, Ind., March 18, 1930.

	NEW	
	<p>1930 Twelfth Edition</p> <p>of Baird's Manual of American College Fraternities is now ready.</p> <p>Inasmuch as the edition is strictly limited you are urged to reserve your copy now.</p> <p><i>Order through this Publication</i></p> <p>BAIRD'S MANUAL of American College Fraternities</p>	

ALUMNI NOTES

ALPHA CHAPTER

- STUART BAILEY, '24, is with the Airway Division of the U. S. Department of Commerce at Detroit, Michigan.
- VERN S. CURTIS, '22, now resides at 1115 West 28th Street, Apt. 101, Minneapolis, Minn.
- ALVAH J. HALEY, '25, is Chief Geologist for the Patino Mines & Enterprise Company at Llallagua, Bolivia, S. A.
- SAM R. HAMILTON, '28, is now employed by the Fairmont Railway Motors Inc., Fairmont, Minnesota. His residence is 307 South Park Street of that city.
- WALTER R. KRUEGER, '29, is employed in the Materials and Specifications Division at the Bell Laboratories of the American Telephone and Telegraph Company. His address is 3240-50 93rd Street, Jackson Heights, New York City.
- C. R. MARSHALL, '23, is co-author of an article, "Cinders — A Useful By-Product of the Power Plant," which appeared in an issue of *Byllesby Management*. The article explained how the Northern States Power Company co-operates with the street departments of the Twin Cities by giving them their by-product cinders for use on slippery streets and sidewalks.
- PAUL A. SANDERS, '29, now resides at 1416 Bedford Avenue, Brooklyn, New York. He is with the B. T. Goodrich Rubber Company in charge of Bus Mileage Contracts.
- CHAS. G. SIMMS, '24, lives at 201 Dartmouth Street, Flint, Michigan.
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BETA

- C. W. ABRAHAMSON, '21, is now Mining Engineer with the Mond Nickel Company, Coniston, Ontario, Canada.
- R. M. ADAMS, '29, has been given a fellowship at the M. C. M. & T.
- JOHN D. BARDILL, '27, is Experimental Metallurgist with Cia Minera de Penoles, Temisco, Guerrero, Mexico.
- EDWIN L. BEMIS, '18, is employed with the Wisconsin Steel Company of Hibbing, Minnesota, as Chief Engineer.
- PAUL COOPER, '28, is the father of a boy, Wayne Cooper.
- JAMES I. CORBETT, '22, is an Engineer with the St. John Power & Paper Company, Ltd., 511 Drummond Bldg., Montreal, Canada.
- A. L. FERRIS, '11, is with the Phelps Dodge Corporation as a geologist in Morenci, Arizona.
- E. R. GRAHAM, '07, Box No. 428, Pennsuko, Florida.
- FRANK V. HICKS, '15, is with the Union Pacific Coal Company at Superior, Wyoming.
- K. K. HOOD, '13, is with the General Chemical Corporation, 40 Rector Street, New York City.

- J. KENNEDY, '29, is with Sherwin Williams Paint Company at Chicago, Illinois.
- ROWLAND B. KING, '16, is located at 317 Lindelle Building, Spokane, Washington, as a Mining Engineer.
- ERNEST KLEPETKO, '11, a Metallurgical Engineer, is with the Giesche Spolka Akcyjna, Katowice, Poland.
- CARL H. KNAEBEL, '23, 114 Clark Street, Houghton, Michigan.
- GEORGE LEISK, '29, is employed by the Mutual Coal Company at Gallup, New Mexico.
- W. A. LONGACRE, '29, accepted a position as Assistant Instructor in the Physics Department at the M. C. M. & T. He was married last June to Miss Doris Greenz, of Hancock.
- SINCLAIR H. LORAIN, '17, is employed as a Mining Engineer with the Chichagoff Mines, Ltd., Chichagoff, Alaska.
- CHAS. MOORE, '27, is at Buchans, Newfoundland.
- N. E. NILSEN, '24, is with the Msc. Isa Mines, Ltd., at Queensland, Australia.
- RADNOR J. PAQUETTE, '27, is now employed as Mining Engineer with the Fontana Mining Corporation, Fontana, North Carolina.
- PROF. W. C. POLKINGHORNE, Hon., recently returned from Yale where he attended the graduate school. He has resumed his duties as Assistant Professor of Mechanical Engineering at the M. C. M. & T.
- JACK C. PRATT, '23, is now employed by the Ingersoll Rand Company, 11 Broadway, New York City.
- ORSON ROCKWELL, '29, was married last February to Miss Kathleen Richard, of Hurontown.
- LYOYD L. SEESTEDT, '28, is located with the Romulus Grey Iron Foundry at Romulus, Michigan.
- LEW SUVERKROP, '17, a Petroleum Engineer, is now located with the Oilfields Engineering Service Company, 317 Haberfelde Bldg., Bakersfield, California.
- LYLE P. TONNE, '28, is with the Keith Dunom Company, of LaGrange, Illinois.
- CHAS. G. THIELICKE, '12, Cia de Inversiones del Oro, S. A. Apt. 11, Sombrerete, Zac., Mexico.
- J. H. TRAVERS, '22, is employed as Research Manager for the Siscoe Gold Mines, Ltd., at Amos, Quebec, Canada.
- WM. O. VANDERBURG, '22, is employed by the U. S. Bureau of Mines, at Reno, Nevada, in the capacity of Associate Mining Engineer.
- J. R. VAN PELT, '22, married Miss Frances Church, of Highland Park, Illinois, last December. He is now Curator of Geology and Mineral Industries for the Chicago Museum of Science and Industry.
- ELDRED E. WARNER, '25, is the Kansas City representative for the Ingersoll Rand Company. His address is 1600 Baltimore, Kansas City, Missouri.

GAMMA

- TED ADAMS, '29, is with the Radiore Company of Los Angeles.
- REX ALLEN, '22, has left Cananea, Sonora, and is now at Fresnillo, Zaxatecas, Mexico.
- HAROLD L. BICKNELL, '16, is now living at 120 South Euclid Ave., Oak Park, Illinois.

- EUGENE O. BINYON, '23, formerly with the C. & A. Company is now with the Anita Copper Company at Lordsburg, New Mexico.
- EARLE B. BLICKENSTAFF, '25, formerly with the American Tin Company in California, is now living at Milford, Utah.
- LIONEL BROOKE, '14, has an office as Mining Engineer at 824 Royal Bank Building, Montreal, Canada.
- LEROY T. BROWN, '26, is now located at Huanuco, Peru, So. America.
- PRENTICE F. BROWN, '20, is Petroleum Geologist for Fisher & Lowrie, Box No. 776, Midland, Texas.
- ARNOLD S. BUNTE, '26, has a daughter, Anita, born December 1, 1929.
- SAMUEL J. BURRIS, '15, Metallurgist for the St. Louis Smelting & Refining Company, has moved his residence to 1531 Washington Avenue, Baxter Springs, Kansas.
- W. B. CASE, '20, is employed by the Shell Petroleum Company, Drawer 8, St. Louis, Missouri.
- HUGH M. COMMORS, Gamma, '22, is now with the Commercial Survey Department of the Mountain State Telephone & Telegraph Co., and is living at 618 Lafayette street, Denver, Colo.
- WM. W. CORMACK, '26, was married to Miss Evelyn Harris of Norwood, N. Carolina, on January 4, 1930. They are living in Richmond, Virginia, where Cormack is connected with the Public School System.
- RONALD F. CRAWFORD, '23, was married to Miss Esther Fitzpatrick at Bay City, Texas. They will make their home in Guld, Texas, where Brother Crawford is with the Texas Gulf Sulphur Company.
- W. V. DeCAMP, '08, has been appointed General Manager of the United Verde Copper Company at Jerome, Arizona. This is one of the largest copper mines in the United States.
- JAMES E. DICK, '12, is now living at 933 12th Street, Santa Monica, California.
- KUNO DOERR, JR., '27, is Chemist for the American Smelting & Refining Company at Garfield, Utah.
- W. C. DOUGLAS, '11, is assistant General Manager for the Consolidated Coppermines Corp., at Kimberly, Nevada.
- GEORGE V. DUNN, '20, who is with the Eagle Oil Refining Company at Tulsa, Oklahoma, recently visited Guy E. Millers, Gamma '19, at Long Beach, California.
- J. H. EAST, JR., '10, is Assistant Wks. Manager at the Alabaster Plant of the U. S. Gypsum Company at Alabaster, Michigan.
- G. M. FRITCH, '11, is Consulting Metallurgist at 766 Penobscot Bldg., Detroit, Michigan.
- THOMAS H. GARNETT, '11, is employed by the Empire Zinc Company at Gilman, Colorado, in the capacity of Engineer.
- FRED GIBSON, '26, is in Ely, Nevada.
- CHAS. M. GLASGOW, '10, a Mining Engineer, resides at 1940 Broadway, Denver, Colorado.
- LESTER S. GRANT, Hon Gamma, is Manager of the McElroy Ranch Company, his address is Box No. 338, Odessa, Texas.
- THOMAS W. HOLMES, JR., '27, is General Manager of the Swain Company, specializing in lubrication problems, and his address is 5212 Greenwood Avenue, Chicago, Illinois.

- ALLEN E. HAMBLY, '23, formerly with the Gulf Refining Company at Port Arthur, Texas, has moved to Washington, D. C., where he is patent examiner in the U. S. Patent Office and he lives at 603 H Street, N. W., Washington, D. C.
- VAN DYNE HOWBERT, '16, is employed as Mining Engineer for the American Metal Company at 61 Broadway, New York City.
- JAMES H. HOOK, '29, was married December 28, 1929, at Golden, Colorado, to Miss Pansy Jane Parshall of Golden. He is employed by the Geophysical Research Corporation of the South.
- CHAS. H. JENKINS, '29, is now on the mining engineering staff of the Anglo-Chilean Nitrate Corporation at Tocopilla, Chile, South America.
- WM. HOMER KING, '28, is Mining Engineer for the Whitlock Mines Corporation, Mariposa, California.
- ALBERT L. LADNER, '27, is in the Geophysical Department of the Texas Company and has recently moved to the Houston, Texas office.
- PAUL S. LEWIS, '29, is geologist for the E. W. Marland Company and lives at 2021 Gatewood Street, Oklahoma City, Oklahoma.
- WALTER G. LOFGREN, '28, is in the Denver office of the Ingersoll Rand Company and living with his parents at 3046 West 34th Ave., Denver, Colorado.
- RUSSEL P. LUKE, '14, is Assistant Superintendent for Cia Asarco, Apt. No. 132, San Luis Potosi, S.L.P., Mexico.
- JOHN S. MCGHEE, '26, has moved to Whitmans, West Virginia, where his address is Box No. 166.
- H. S. MCKNIGHT, '15, is with the Nichols Copper Company, Laurel Hill, L. I., New York.
- JOHN H. O'CONNOR, '26, is with the Electric Bond and Share Company of New York City, and is at present on a construction job in Argentina.
- R. P. OLIVEROS, '15, is now at 40 Rector Street, New York City.
- JOHN A. POULIN, '21, is engineer-geologist for the Apure-Venezuela Petroleum Company, 206 Calle del Sol, Valencia, Venezuela, South America.
- DOUGLAS M. SHAW, '28, is an Engineer for the Moctezuma Copper Co., 810 Mills Bldg., El Paso, Texas, in the capacity of Mining Engineer.
- HENRY G. SCHNEIDER, '18, was recently elected Vice-President of the Dixie Oil Company.
- MICHAEL E. SOTOCK, '27, is now with the W. R. Grace Company, Hannover Square, New York City.
- CHAS. E. STOTT, '25, is employed by the American Metals Company, 810 Mills Bldg., El Paso, Texas, in the capacity of Mining Engineer.
- IRA O. THORLEY, JR., '29, is doing Civil Engineering for the Wayne County Road Commission, his address being 2420 E. Grand Blvd., Detroit, Michigan.
- WM. A. WASLEY, '09, Manager of the Tigre Leasing Company of S. A., is now stationed at El Tigre, Sonora, Mexico, (via Douglas, Arizona).
- CLEMENT A. WEINTZ, '27, is geologist for the Mid-West Refining Company at Casper, Wyoming.
- THOMAS L. WELLS, '29, is now Mining Engineer for the Sierra Madre Exploration Company at Soyopa, Sonora, Mexico.
- EDMUND W. WESTERVELT, '13, is Vice President and Secretary for the Dixie Gravel Company at Gainesville, Ga.

- FLETCHER WOOD, '16, is employed by the San Luis Mining Company at Tayoltita, Durango, via Estacion Dimas, Mexico.
- LEE K. WORTH, '17, is geologist for the Dixie Oil Company and makes his headquarters at the Harvey Snyder Bldg., Wichita Falls, Texas.

DELTA

- H. L. BAILEY, '25, lives at 41 E. Cherry St., Mt. Carmel, Pa.
- DUDLEY CRAWFORD, '29, is now located at the U. S. Air Service, March Field, Riverside, California.
- CECIL W. COTTON, ex. '14, now lives at 11420 St. Marks Ave., Cleveland, Ohio.
- N. T. DIETRICH, '23, lives at 4017 Clements Ave., Detroit, Michigan.
- G. A. DRISCOLL, '18, now lives at 1691 Newhall St., Milwaukee, Wisconsin.
- L. C. FISHER, '28, now lives at 5547 Kenmore Avenue, Chicago, Illinois.
- BOYD GRIFFIN, '28, with the Detroit Edison Company. Mailing address is Box No. 427, Port Huron, Michigan.
- WM. HOLZHAUER, '18, lives at 3110 Adeline St., Oakland, California.
- R. E. LAISY, '21, is employed by The White Company, Cleveland, Ohio.
- A. D. H. MARSHALL, '29, is located in Boston where his address is 184 High Street.
- J. W. OWINGS, '27, resides at 3540 LaSalle Avenue, Youngstown, Ohio.
- M. G. PARMELEE, '26, now resides at 7007 Harrison St., Upper Darby, Pa.
- A. D. SIEDLE, '29, now lives at 1827 N. Main Street, Dayton, Ohio.
- KENT R. VAN HORN, '26, now lives at 1606 Compton Road, Cleveland Heights, Ohio.

EPSILON

- FRANCIS W. ANDERSON, '28, is with the North Lily Mining Company, Eureka, Utah.
- J. LEE BENNETT, '20, is now at Kirkland Lake, Ontario, Canada, having driven by auto from California after being a few months with the International Nickel at Sudbury.
- DON CARLOS BILICK, '13, is employed by the Carribbean Petroleum Company, Maracaibo, Venezuela, S. A.
- GRANVILLE S. BORDEN, '18, is employed as Mining Engineer and Lawyer for the Standard Oil Company of California, 225 Bush Street, San Francisco, California.
- JAMES BRADLEY, '28, is Superintendent at the Spanish Mine, Washington, California, Nevada County.
- JAMES B. CHAMBERLAIN, '24, now resides at 1534 N. Kenmore Avenue, Los Angeles, California.
- THEO. H. CROOK, '19, is with the Land and Lease Division of the Standard Oil Company at 225 Bush Street, San Francisco, Calif.
- E. F. DAVIS, '10, is now Vice President of the Shell Oil Company, 430 Higgins Bldg., Los Angeles, California.
- W. G. DONALDSON, JR., '24, is Engineer for the Real del Monte y Pachuca, Hidalgo, Mexico.

- ELLSWORTH Y. DOUGHERTY, '15, can be reached at Box E5299, St. Johns, Newfoundland.
- W. H. GEIS, '15, Geologist, is now located at 731 Roosevelt Bldg., Los Angeles, California.
- SAM GRINSFELDER, '20, is now Manager for the Union Oil Company of California at 823 Simms Bldg., Abilene, Texas.
- CLARENCE R. KING, '22, now lives at Hinkley, California.
- GEORGE L. KLINGAMAN, '21, is Petroleum Engineer for the California Company, Iraan, Texas.
- TRAVIS P. LANE, '17, is located at 224 Farm & Merchants Bank Bldg., Long Beach, California.
- A. WERNER LAWSON, '12, is employed in the capacity of Mining Engineer for the American Founders Corp., at 50 Pine Street, New York City.
- P. E. LETCHWORTH, '24, now resides at 159 Myrtle Street, Claremont, N. H.
- PHILIP O. LONGYEAR, '23, is Mine Foreman for the Anglo-Chilean Cons. Nitrate Corp., Cassilla 17, Tocopilla, Chile, S. A.
- DR. GEORGE D. LOUDERBACK, '96, Past Grand Regent of Theta Tau, has been chosen as one of three nationally known geologists to co-operate with members of a committee of engineers in the examination of the San Gabriel dam site, upon which adverse reports have recently been filed.
- W. D. McMILLAN, '13, is Chief Mining Engineer for the Societa Internationale Forestiere et Miniere du Congo, 42 Rue Royale, Brussels, Belgium.
- VINCENT D. PERRY, '22, is a Geologist at Cananea, Son. Mexico.
- ALAN PROBERT, '25, is employed as Assistant Mill Superintendent for the Sunnyside Mine & Mill Company, Eureka, San Juan Co., Colorado.
- ROY S. RHOADES, '15, a Petroleum Geologist, is located at 1311 Edwards & Wilbey Bldg., Los Angeles, California.
- CHAS. C. RORIPAUGH, '25, is Engineer in the Production Department of the Shell Oil Company at 311 Quincy Avenue, Long Beach, California.
- H. R. THORNBURGH, '22, is Geophysicist for the Shell Petroleum Corp., Athletic Club Bldg., at Dallas, Texas.
- LAURENCE VANDER HOOFF, '28, a Field Associate for the Department of Paleontology, U. C., has been in charge of field investigation in northern Texas during the past year. Much of the present research work of the department is focused upon the material gathered by him in this region. He is at present engaged in setting up new exhibits for the museum. He is pursuing work as a graduate student in geology and paleontology and preparing certain results of his researches for publication.
- GLOYD M. WILES, '23, can be reached at Box No. 132, Thetford Mines, Quebec, Canada.
- W. B. WRIGHT, '17, is the father of a son, James Howard, born on January 9th. Brother Wright is located at 410 Kress Building, Long Beach, California, in the capacity of Branch Manager for the Fuller Brush Company.
- HOMER IRWIN, '29, plans to study the geology and ore deposits of the Mineret Mining District this summer as a part of the requirements for a Master's Degree. The work will be carried out under the direction of the California Bureau of Mines, and it will consist chiefly in the study of the Mineret lead-zinc deposit. The district is east of Los Angeles in the Sierra Nevada Mountains.

- JIM CHAMBERLAIN, '25, who returned for graduate work this semester, is studying cassiterite from the Araca Mine in Bolivia where he has been working for the past few years.
- ALAN PROBERT, '25, became the proud father of a daughter, Lyle, last August. At present he is perched up on top of the Rockies as mill superintendent for the Sunnyside Mining & Milling Company.
- LEE PARISH, '27, is doing collecting and exploration work with the U. S. National Museum. He is master of the 80-foot auxiliary ketch "Esperanza" in which he recently left for Haiti, Santo Domingo, and other offshore islands.

ETA

- S. W. BUTLER, '21, now lives at 2401 Chestnut St., Philadelphia, Pa.
- B. P. LANE, '23, is now with the Sullivan Machinery Company in San Francisco, California.

IOTA

- DANIEL C. BEYER, '19, now lives at 214 N. 8th Avenue, Mt. Vernon, New York.
- ROBERT W. COUCH, '28, can be located at Box No. 4, Iron Mountain, Mo.
- LLOYD AUSTIN CUTTER, '27, is Sales Engineer for the A. P. Green Fire Brick Company at Mexico, Missouri.
- JAMES L. HEAD, '16, is now with the Chile Copper Company at 25 Broadway, New York City, as a Mining Engineer.
- RALPH E. HILPERT, '27, is located with the Silurian Oil Company as an Engineer. His address is Box No. 396, Oilton, Oklahoma.
- HOWARD HISTED, '28, is employed by the Wellington Mines Company, Breckenridge, Colorado.
- WM. A. McCANLESS, '27, is Engineer in the Sales Department for the Yosemite Portland Cement Company at Merced, California.
- ALBERT MUELLER, JR., '29, is now employed by the Braden Copper Company at Rancagua, Chile, S. A. in the capacity of Mining Engineer.
- C. A. PIERCE, '16, is General Superintendent for the U. S. Potash Company at Carlsbad, New Mexico.
- W. IRWIN SHORT, '26, is Professor of Mining in the North Georgia Agricultural College at Dahlunega, Georgia.
- JAMES F. SMITH, '27, Met. A. C. M. Co., Smelter, Great Falls, Mont.
- MARK L. TERRY, '20, now resides at 1716 E. 14th Place, Tulsa, Okla.
- LOUIS A. TURNBULL, '16, is employed as a Mining Engineer for the Western Coal and Mining Company at 1400 Mo. Pacific Bldg., St. Louis, Missouri.

KAPPA

- DONALD P. BUCHANAN, '24, is now located at 1907 First National Bank Bldg., Detroit, Michigan.
- G. D. GREENE, '28, has moved from 3720 Glasgow Avenue to 2843 St. Louis Ave., St. Louis, Missouri.

LAMBDA

- ARVID E. ANDERSON, '19, is now located with the American Cyanamid Company at Linden, New Jersey.
- GLENN D. ROBERTSON, '19, a Petroleum Geologist, is located at 1166 Subway Terminal Bldg., Los Angeles, Calif.
- GEORGE F. STOTT, '15, is now Superintendent for the Bingham Prospect Mining Company at Lark, Utah.
- WM. J. WALKER, '21, is employed in the capacity of Superintendent for the Central Park Mines Company, Box No. 698, Park City, Utah.
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MU

- SAM A. BRITTON, '26, is Sales Engineer for the Gardner Denver Company, 523 State Street, Knoxville, Tenn.
- MARSHALL B. CONNAWAY, '25, is with the Kenmont Coal Company, Jeff, Perry County, Kentucky.
- ROBERT B. DUGGER, '24, is an Engineer with the Shell Oil Company at Long Beach, California.
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NU

- W. W. DARTNELL, '22, is now located at 1 Locust Avenue, Lennox, Wheeling, West Virginia.
- RALPH E. KRAMER, '24, is Manager for Japan, Sullivan Machinery Company at 1 Nichome, Hon-Cho, Nihonbashi-ku, Tokyo, Japan.
- EDWARD STEIDLE, '11, is Dean of the School of Mines at Penn State College, State College, Pa.
- AUGUST STIEGLER, '25, is no longer connected with the Delco-Remy Corporation, at Anderson, Indiana, but is now with the Western Electric Company, Baltimore, Maryland. His new mailing address is 1308 Beason Street, Baltimore, Maryland.
- CHARLES N. WITHEROW, '23, is Research Engineer for E. J. Lavino & Company, Plymouth Meeting, Pa.
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OMICRON

- FRED DEKOLTZ, '25, is located in the New York office of the Pittsburgh & Des Moines Steel Company.
- MARSHALL B. HURD, '28, recently sent us his wedding announcement.
- C. C. FAWCETT, '30, is trying an experiment on the subject "Can two live as cheaply as one". He will be back with us again next year.
- GILL FREYDER, '25, now lives at 7322 Clayton Court, Chicago, Illinois. He has also crashed through with the news of the arrival of a six pound baby girl.
- FOREST JENNINGS, '25, is at Washington, Iowa, working for the Iowa Southern Utilities Company.
- H. W. LEMKUHL, '24, is in the Engineering Department of the Pennsylvania Railroad Company in New York.

- CLEMENT McMAHON, '21, is at Oakdale regaining his health.
- BOB MACY, '30, who went to Texas a year ago to take Geology is back to dear old Iowa once again.
- J. STEWART MYERS, '27, is working on some stream flow data for the State of Pennsylvania in connection with the Delaware River water supply for the City of New York.
- DON L. THOMAS, '28, followed the same course as did Hurd.
- WALDO TOWNE, '27, is at Waubay, South Dakota in the Sanitary Engineering Department of the State Board of Health.
- CLIFFORD A. VON HOENE, '24, now lives at 4 Wesley Avenue, East, Apt., No. 4, Atlanta, Georgia.

PHI

- H. J. ANDERSON, '23, who was formerly with the Department of Mechanical Engineering of Purdue University, Lafayette, Indiana, now resides at 726 Allerton House, Chicago, Illinois.
- LOUIS S. DIVAN, '29, has been promoted to shop foreman at the Baldwin Locomotive Works.

PI

- T. B. KIENER, '24, is located at 451 Central Avenue, Orange, N. J.

RHO

- T. A. GRANT, '29, is with the General Electric Company at East Lynn, Mass.
- H. O. HAMRICK, '29, and C. M. Calhoun, '29, are with the General Electric Company at Schenectady, New York.
- C. E. HIBBARD, '29, is now located in Richmond, Virginia, with the South-eastern Underwriters Association.
- C. B. TATE, '29, is with the Bethlehem Steel Company at Youngstown, Pa.
- E. W. WORTH, JR., '29, is with the Allis-Chalmers Company at West Allis, Wisconsin.

SIGMA

- CHAS. H. ALTVATER, '29, still feels the need of Theta Tau and is staying at the house when not working in the State Highway Department.
- MERVIN F. DEVINE, '23, now resides at 4273 E. 116 St., Cleveland, Ohio.
- ELY G. FENTON, '29, has been claimed by the Pennsylvania Railroad, Pittsburgh Division.
- R. E. KNOX, '29, who started in Cincinnati last summer with A. T. & T. has been transferred to Chicago for a short time.
- CLIFFORD S. LEVAK, '29, is employed as Second Helper in the Open Hearth Department of the American Rolling Mill Company, East Works, at Middletown, Ohio.
- H. H. MACE, '27, has moved from 322 Ohio Building, Akron, Ohio, to the

Mendenhall Building, 31 North Summit St., Akron, Ohio, with the Barstow & McCurdy, Inc.

EARL C. PETRIE, '29, was extremely fortunate in obtaining a Refractories Fellowship at the Mellon Institute at Pittsburgh.

G. W. TROUT, '29, is now living at 1923 E. 73rd St., Cleveland, Ohio.

GEORGE E. ZEIGLER, '24, is now employed by the Patino Mines & Enterprise Cons. Llallagua, Bolivia, S. A.

THETA

J. L. DARNELL, JR., '28, is employed by the United Verde Copper Company, 111 Broadway, New York City.

HENRY G. DAVIS, III, '28, is located with J. P. Morgan & Company, at 23 Wall Street, New York City.

WALTER L. FOSTER, '21, is District Sales Manager for the Russell, Burdsall & Ward Bolt & Nut Company at Pittsburgh, Penna.

J. A. GUEDALIA, '25, is now living at 32 Washington Square, New York City.

ARTHUR D. HYDE, '25, ex-Kappa, now lives at 2120 Emerson Avenue, South, Minneapolis, Minn.

DOUGLASS R. JUDD, '26, is Sales Engineer for The Hardinge Company, Continental Bank Bldg., Salt Lake City, Utah.

JAMES T. KEMP, '16, has been transferred to the Ansonia Branch of the American Brass Company to serve as Technical Supervisor there.

R. V. NORRIS, JR., '17, now lives at Jeddo, Pa.

HORATIO POTTER, '21, is an Engineer for the Love-Bryan Company at 4th & Pine, St. Louis, Mo.

CHESTER D. SADTLER, '14, is employed by the Barber Colman Company, Rockford, Illinois.

NELSON SEVERINGHAUS, '25, is Quarry Superintendent for the Consolidated Quarries Company at Lithonia, Ga.

ARTHUR L. WALKER, Hon. Theta, Cons. Metallurgist, 15 Park Row, New York City.

F. E. WORMSER, '15, is Secretary and Treasurer for the Lead Industries Assoc., 420 Lexington Avenue, New York City.

UPSILON

C. S. CAMP, '29, can be located at his home address Stuttgart, Arkansas, having left Leavenworth, Kansas.

ZETA

FRANK BAXTER, '29, was to take a new job with the R. C. A. Photophone Company but took down with pneumonia and hence spent some time in the hospital. Frank is recovering and will continue with General Electric.

ROBERT L. BOGGS, '27, now resides at Apt. 234, Maracaibo, Venezuela, S. A.

D. W. BUCKLEY, '28, is still in the poultry business.

- EVERETT E. CARLSON, '25, is Branch Manager of the Powers Regulator Company, of St. Louis.
- CLARK DAVIS, '19, is in the Substation Department for the Kansas City Power & Light Company.
- RAY E. DEEVER, '17, whom we haven't heard from for a long time, is District Traffic Superintendent for New York for the American Telephone & Telegraph Company.
- LEON E. EDWARDS, '22, is now Manager of the New York Division of the Bussman Manufacturing Company.
- C. W. HARDING, '15, has recently accepted a position as District Engineer for the American Institute of Steel Construction in St. Louis.
- J. J. JAKOSKY, '20, Consulting Engineer for the Radio Company, resigned his position on January 1st to accept the position of General Manager of the International Geophysics Company, Ltd., with offices in the Architects Building, Los Angeles, California.
- H. A. J(IM) JIMMERSON, '26, is teaching at the University of Arizona.
- O. K. JOHNSON, '26, is now Operating Engineer for the Kansas Power and Light Company at Atchison, Kansas.
- ROBERT W. (QUINNY) KEHR, '26, is with the Missouri Highway Department at Hannibal.
- JACK C. LANSING, '19, is Building Inspector for Pasadena, California. Jack was lost to us for a long time. Hope to hear from you quite often, Jack.
- RICHARD R. MCGEE, '21, is now in Philadelphia with the Switchgear Development Department for General Electric.
- JACK MILLER, 'ex-'28, we understand, was recently elected to Tau Beta Pi at Oklahoma University where he is now attending.
- RYCROFT G. MOSS, '27, is again on the hill. This time he is instructor in the Geology Department and is taking some graduate work.
- LUCIUS PERKINS, '21, is out in Los Angeles as director of the West Coast Laboratories for Brunswick-Balke-Collender Company.
- ELMER H. RUSH, '29, is now in Kansas City in the Plant Department of the American Telephone and Telegraph Company.
- M. O. SHERMAN, '22, is now Mechanical Engineer for the Peru Plow and Wheel Company at Peru, Illinois.
- JAMES D. STOKES, '28, is down in Amarilla, Texas.
- WARREN STOVER, '30, is married and is working out of Newton, Kansas, for the Santa Fe Railroad.
- GEORGE TOMLINSON, '28, is no longer with Westinghouse but is now with the Travel-Air Company of Wichita.
- JOHN R. WAHLSTEDT, '21, is singing over WDAF and for Brunswick. In his spare time John fills the position as vice-principal at East High School in Kansas City.
- ELLWOOD G. WASHBURN, '16, is Contracting Engineer for the Builder's Steel Company in Kansas City.
- ALBERT H. WEHE, '25, is back at Boston Tech taking some graduate work in fuel and gas engineering.
- EARL D. WIMMER, '28, wrote us recently, the first time since he went back to Schenectady. Earl is taking G. E.'s test course.

HONORS

TAU BETA PI

Delta—C. A. Davies, E. L. H. Bastian, L. W. Fraser, F. K. Koerner, A. I.

Schau, H. W. Smith, E. W. Vaughan, S. N. VanVoorhis, R. R. Wilson.
Theta—Henry E. Crampton, S. R. Bradley, C. Herbert Grover, T. E. Jones.

Iota—E. C. Long, J. E. Barton.

Omicron—L. Kehe, A. Stanley.

Pi—F. W. Rose, John Blann, Paul Kiebs.

Sigma—H. O. Cunningham, H. W. Allison, W. R. Fiedler, F. W. Gilchrist,
C. E. Osborn.

Tau—Harvey Banks.

ETA KAPPA NU

Delta—F. P. McLain.

Nu—W. M. Smedberg, C. K. Carter.

SIGMA XI

Theta—H. E. Crampton, C. F. Curran, H. S. Young.

PHI KAPPA PHI

Iota—J. E. Barton.

Lambda—F. R. Shafer.

Rho—D. E. Jones

TAU BETA PI FELLOWSHIP AWARD

In February, an immigrant German boy began work at Michigan as the holder of Fellowship Number 4. Entirely self-supporting, in addition to being the sole maintenance of his widowed mother who still lives in Nuremberg, Germany, he leads his class of over 300, and applied for aid in continuing his studies in a well planned course.

Honor has been done Karl Kammermeyer; a Tau Beta Pi Fellowship has been awarded him to pursue advanced work in heat transfer and evaporator design. But there is more than this to be said of the selection.

When Tau Beta Pi is able to select such an outstanding man and such a worthy one, we believe the fate of the Fellowship Plan is secure. No more appealing figure could have been chosen than the immigrant, who, in addition to learning the language and supporting a widowed mother as well as himself, is able to stand at the head of his class in one of the great technical schools of the country. It is just another of those fine success stories that are becoming increasingly common but no less tremendously thrilling and inspiring.



ARTHUR J. WEINIG AWARDED GOLD MEDAL

SCHOOL OF MINES ALUMNUS IS INTERNATIONALLY KNOWN METALLURGIST

THE honor of receiving the first Gold Medal Award of the Colorado Engineering Council for meritorious engineering service to the State of Colorado was conferred upon A. J. Weinig, Gamma '08, internationally known metallurgist and an Alumnus of the Colorado School of Mines.

As Director of the Experimental Oredressing and Metallurgical Plant, Mr. Weinig has attracted world wide attention to the Colorado School of Mines and its Experimental Plant. He has, through the success of his experimentation and outstanding work in ore separation, achieved not only State wide recognition but a fame that is national in scope. His contributions to the development of selective flotation have attracted the attention of metallurgists throughout the world. Today, A. J. Weinig is an undisputed authority on flotation.

Mr. Weinig is co-author with Irving A. Palmer of "The Trend of Flotation," a valuable handbook for the mill operator. In addition to this book he has written humorous magazine articles and pamphlets.

Arthur J. Weinig is a native of Colorado and was born in Durango in 1883. He attended the Colorado School of Mines and was graduated with an Engineer of Mines degree in 1908. Six years ago he was chosen Director of the Experimental Oredressing and Metallurgical Plant. Since that time he has been closely associated with the School and the mining industry of this State. The honor accorded him by the Colorado Engineering council distinguishes him as the outstanding engineer of all engineers in his home state.

—Colorado School of Mines Magazine.

NEW PUBLICATIONS

- BOATRIGHT, BYRON B., Gamma '23,
Oil and Gas Flow Through Reservoir Rocks,
Colorado School of Mines Magazine, February, 1930
- BUDD, M. R., Gamma '24,
Colorado and Its School of Mines.
Colorado School of Mines Magazine.
- MCLAUGHLIN, D. H., Epsilon '14,
Geophysical Prospecting in 1929,
Mining and Metallurgy, January, 1930.
- MORRIS, ALAN, Theta '23,
Stress-Corrosion Cracking of Annealed Brasses,
Tech. Pub. 263—Institute of Metals, No. 91. A.I.M.E.
- FIELDS, HOWARD, Beta '13,
Examination of Prospects,
Arizona Mining Journal, December 30, 1929.
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LETTERS FROM ALUMNI ASSOCIATIONS

INTERMOUNTAIN ALUMNI ASSOCIATION

At the annual election of officers of the Intermountain Alumni Association of Theta Tau, held at Salt Lake City, February 15th, 1930, the following members were elected to the offices shown: A. E. Christensen, President; Geo. B. McLeese, Vice-President; Roy E. Lundquist, Secretary-Treasurer; Theodore Welcker, Executive Council; Max F. Schick, Executive Council.

It is hoped that the new officers will enjoy the full and hearty support of the Association members during their term of office. They have met in council meeting and discussed plans for the year. The regular business of the year consists in aiding Lambda at the Annual Birthday and Installation Banquet April 29th, getting out an introduction letter to all chapter alumni to present the graduate members of Lambda, preparing for the Fall Banquet, or Founder's Day Banquet, October 15th, and arranging for the annual election dinner at the close of the year. Incidental business matters, such as correspondence, collecting dues, etc., are the special duties of the Secretary. We hope to have another good year in the Association.

Probably the most outstanding bit of news that we can contribute is that the new Engineering Building at the University of Utah is now a reality, the corner stone having been laid at the celebration of St. Patrick's Day in March. Our good honorary member Dean R. B. Ketchum has been the moving power to obtain the advantage for the School of Mines and Engineering.

Salt Lake City, Utah.

ROY E. LUNDQUIST, Lambda '29.

CENTRAL OHIO ALUMNI ASSOCIATION

The Cleveland Alumni Association has been reorganized and has a definite program worked out for its service to Theta Tau.

Nearly two hundred Theta Taus live in the greater Cleveland area and as Cleveland is becoming the Middle West's great industrial center this number will rapidly increase. Our aim is to have every alumnus in this district a member of our association.

Since the Convention we have had two meetings, both well attended considering the disinterest shown here in the past. It is our plan to have a meeting every six weeks at the present in order to get on a working basis. Our next meeting to be held in the first part of April will be a dinner meeting with Delta Chapter, with the thought in mind of coming into contact with the Active Chapter here and endeavoring to lend them a helping hand.

The officers elected to serve until June 1st are as follows:

President—G. W. TROUT, Sigma '29.

Vice-President—R. F. RISSE, Delta '23.

Secretary—RUSSELL G. GLASS, Sigma '24.

Treasurer—E. T. HOLLAND, Pi '25.

Trustees F. R. VAN HORN, Delta Hon.; P. E. CROUCH, Sigma '27; OTTO TICHY, Delta '28; A. C. HUMEL, Beta '21; W. A. MEITER, Sigma '27.

Our program as stated is to—

- (1) Work in conjunction with Brother Hall, Grand Outer Guard in the establishment of a better employment bureau.
- (2) At all times guide and help Delta Chapter.
- (3) Build up the same professional spirit among our alumni that exists in the active chapters.
- (4) Through the combined efforts of our Association be of greater benefit to Theta Tau.

So far we have about thirty members active in the association and with this group as a nucleus we look forward to accomplish much.

RUSSELL G. GLASS, Sigma '24.

ARMOUR-NORTHWESTERN MERGER ABANDONED

Armour Institute of Technology's program of expansion and continuance as an independent school has been endorsed by the Chicago Association of Commerce. The endorsement followed the decision to abandon plans for merging with Northwestern University.

NEW COURSE AT MICHIGAN

Engineering Law provides the subject matter for a new six-year course at the University of Michigan. The new course was adopted by the Board of Regents effective the beginning of the fall term. The University has felt that there is a real need for men with both engineering and legal training and the course is designed to satisfy this need.

THETA TAU PROFESSIONAL CARDS

Walter H. Wheeler, E. M.

Alpha '06

Designing and Consulting Engineer

Investigations, Reports, Plans, Specifications, Supervision of Construction, Valuation for Structures, Bridges, Buildings, Dams, Manufacturing Plants, etc.

Metropolitan Life Building

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

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

E. N. Pennebaker

Epsilon '24

Mining Geologist

Kimberly, Nevada

Erich J. Schrader

Alpha '05

Engineer of Mines

P. O. Box 244

Reno, Nevada

LOST THETA TAU ALUMNI

NOTE: Mail has been returned from the best addresses available for the following:

Alpha Chapter

Cleary, Harold F., '22

Beta Chapter

Alsip, Albert A., '08
Barton, Gerald M., ex '26
Case, Raymond A., '12
David, Joseph, '15
Evans, Carl W., '11
Fay, Wm. W., ex '22
Fredericks, W. Carleton, '25
Huyge, Edw. J., Jr., '23
Kendall, Arthur B., '17
Kirkpatrick, Marsena R., '07
Krumm, Geo. A., '24
McLachlan, Benj. H., '11
Moore, Chas. F., '27
Nicole, Ira P., '23
Riker, Eugene A., '10
Wilkinson, Paul H., '05

Gamma Chapter

Anderson, Robt. A., '27
Auman, Egbert E., '24
Barney, Arthur Y., ex '28
Bauerman, Elliott V., '25
Clapp, Leroy P., '08
Clothier, Conrad F., '24
Davis, Thomas, '25
Delahunty, Frank E., '25
Fiske, Harry M., '21
Gahagan, Donald L., '27
Gibson, Robt. W., '18
Graham, David J., '21
Houselle, J. Kell, '22
Hyland, Norbert W., '22
Jones, David L., '22
Mahoney, John J., '19
McClaren, Robt. L., '25
Reicken, Hugo, '27

Sloan, F. P., ex '26
Squier, Latham, '22
Stewart, Charles H., '26
Stewart, Clifford H., '25
Stanford, Joel G., '25
Vorck, Chas., R., '14
West, John R., '10
Walker, Stanley M., '11
Young, Guy K., '18

Delta Chapter

Arms, Chas. S., '12
Dauber, Clarence A., '26
Hampton, Donald V., '23
Jenks, Karl E., '19
Moseley, Edgar T., '24
Severin, Carl, '10
Sprowl, Norman E., '17
Wherry, Harry B., '23

Epsilon Chapter

Davis, Sherwin B., '12
Duncan, Dan M., '18
Foulke, Ronald E., '18
Fraser, Sidney E., '18
McDonald, Orlando G., '24
Miller, Wm., B., '16
Rand, Wm., W. B., '26
Salisbury, Ralph T., '21
Schroeder, Walter H., '11
Simpson, Edw. C., '21
Vail, Randolph R., '11
Wilson, Frank L., '12

Zeta Chapter

Bartell, Albert R., '17
Bear, Dannie M., '23
Bell, Arnold A., '18
Bown, Wm. F., '21
Brehm, Wm. W., '23
Brown, Nathan W., '15

Davis, Clifford G., '26
Deaver, Ray E., '17
Herndon, Harold D., '23
Holt, Hobart C., '18
Hunt, James L., '16
Kennedy, Alex S., '25
Kennedy, Mason H., '26
La Mer, Jos. S., '19
Madden, J. Edgar, '18
McCune, Malcom L., '15
Nutting, Floyd L., '15
Painter, Chas. J., '15
Patterson, Robt. S., '27
Rose, G. Edmund, '23
Rutledge, Robt. M., '22
Ward, Richard B., '13

Eta Chapter

Ackerman, Gilbert J., '28
Benton, Herbert G., '15
Brotherton, Wm. G., '13
Di kson, Benj. A., '22
Farthing, Wm. J., '16
Hereford, Rockwell, '24
O'Donnell, Ottomar, '13
Polley, Ernest E., ex '15
Rogers, Robt. W., '26
Stuart, Lyall L., '21
Swain, Winthrop C., '16
Wood, Thomas S., '28

Theta Chapter

Crawford, John, '22
Hadsell, Irving W., '14
Olstad, Martin H., '27
Porske, Norman J., '26
Somerville, Wm. B., Jr., '17

Iota Chapter

Burg, Robert, S., '16

Ehlers, Louis W., '16
 Fleming, John W., '25
 Gordon, John P., Jr., '23
 Machin, Edwin G., '22
 Machin, Wm. B., '28
 Mann, Walter J., '19
 McBride, Hollis E., '25
 Nolte, Wm. J., '19
 Robertson, Edw. E., '24
 Scott, Guy R., '24
 Stuart, Samuel H., '23
 Valerius, Claude N., '25
 Watkins, Marion W., '23
 Wright, Kenneth M., '20

Kappa Chapter

Arning, Henry U., '24
 Bartlett, Charles H., '21
 Bates, Gardner O., '24
 Blair, James A., '25
 Borgeson, Carl A., '25
 Bowersock, Wm., '19
 Broderick, James R., '26
 Foulke, Ronald E., '18
 Haake, Harry G., '20
 Happenny, John C., '25
 Jackel, Herbert A., '25
 Johnson, Ralph B., '20
 McClelland, Ralph L., '22
 McEvers, Ernest M., '20
 Peterson, Donald E., '28
 Reichelderfer, Harry, '18
 Robinson, Geo. W., '24
 Tucker, Morrell L., '26
 Welsh, J. R., '24
 Wharton, Russell F., '22

Lambda Chapter

Adams, Thos. C., '22
 Brownings, Thos. C., ex '23
 Caulfield, Jos. P., '22
 Christensen, L. A., ex '11
 Farnsworth, Wayne H., '24
 Fredericksen, Louis J., '27
 Funk, Alfred M., '27
 Greene, Kenneth S., '27
 Grey, John S., '23
 Hardy, Edw. V., '25
 Hartman, Clarence W., '27
 Haylor, Herbert C., '24
 Hayward, John E., '20
 Jacobsen, Wm. B., '28
 Jennings, Brenton W., '24
 Jones, Geo. M., '27
 Kelsey, Wm. H., '11
 Maughn, Wm. B., '15
 Mitchell, Theo. F., '24
 Rumph, Lee M., '21
 Shelley, Wayne L., '25
 Smith, Wm. A., '22
 Stephens, Leone R., ex '21
 Wadsworth, Darrell B., '26
 West, Harold R., '25
 Whitney, Hardin A., ex '25

Mu Chapter

Cole, Guy M., '24
 Hamilton, Wm. E., '23
 Mallette, Reese E., '22
 Nason, Geo. H., '25
 Peerson, John W., '26
 Shannon, John J. Jr., '25
 Shotts, Claude C., '22

Nu Chapter

Baugh, Elbert A., '25
 Jeffers, Chas. W. Jr., '23
 Johnson, Edwin H., '22
 Loughry, Thos. F., '24
 Minetti, Albert C., '24
 Mitcheltree, Walter F., '22
 O'Connor, John M., '26
 Porterfield, David C., '23
 Schweitzer, Leslie C., '23

Xi Chapter

Highleyman, Chas. D., '27
 Miller, Nozl H., '26
 Peterson, Wilbur J., '28
 Rye, Frederick S., '26
 Thayer, F. W., '26
 Walker, Wesley S., '26

Pi Chapter

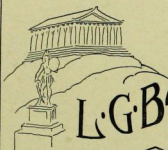
Mayers, Loyd C., ex '27
 Painter, Newton J., '23
 Vought, Harry K., ex '26
 Weir, Paul L., '23
 Wise, Samuel G., '22

Rho Chapter

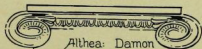
Biberstein, Richard V., '21
 Jenkins, Donald B., '22
 Smith, Perry M., '28
 Studdert, Wm. W., '27
 Sutton, Edw. A., '26

We would greatly appreciate receiving news items that you feel would prove of interest to the readers of THE GEAR. New items about brothers, including business promotions, marriages, births, etc., or special articles or papers by members, are of particular interest.

P. L. MERCER and J. W. HOWE,
 GEAR Editors.



L. G. BALFOUR CO.
ATTLEBORO, MASS.



Althea: Damon
seems all hot and
bothered over hell
week, Daphne.

Daphne: Yes, Althea,
so I noticed when he
took me home last
night. Poor dear, what
could I do but promise
faithfully to wear his
Balfour badge.



OFFICIAL · JEWELERS · TO · THE · COLLEGE · GREEKS

