

THE GEAR

OF THETA TAU

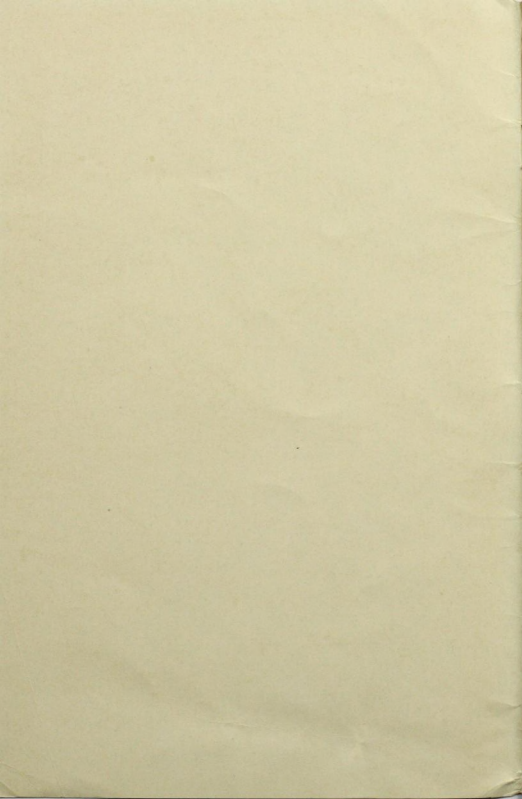


Omicron's New House

Volume **XXIV**

Number **I**

FALL, 1934



The GEAR of
THETA TAU



FALL, 1934

VOLUME XXIV

NUMBER 1

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

FRED COFFMAN, Lambda '15 *Grand Regent*
P. O. Box 1204, Raleigh, N. C.

H. H. HOPKINS, Beta '08 *Grand Vice-Regent*
1724 W. Fulton St., Chicago, Ill.

ERICH J. SCHRADER, Alpha '05 *Grand Scribe*
Box 244, Reno, Nevada

PROF. JAMISON VAWTER, Zeta '16 *Grand Treasurer*
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PROF. DONALD D. CURTIS, Omicron '19 *Grand Marshal*
Clemson College, South Carolina

PROF. J. M. DANIELS, Nu Hon. '22 *Grand Inner Guard*
Carnegie Institute of Technology, Pittsburg, Pa.

RUSSELL G. GLASS, Sigma '24 *Grand Outer Guard*
23401 Chardon Road, Euclid, Ohio

DELEGATE AT LARGE

PROF. RICHARD J. RUSSELL, Epsilon '19 *Past Grand Regent*
Louisiana State University, Baton Rouge, Louisiana

ALUMNI ASSOCIATIONS

Central Ohio—Caleb E. Osborn, 1965 Indianola Ave., Columbus, Ohio.
Chicago—Dick Van Gorp, Room 700, 910 South Michigan Blvd., Chicago, Ill.
Cleveland—R. G. Glass, 23401 Chardon Road, Euclid, Ohio.
Intermountain—A. H. Sorenson, 407 Templeton Bldg, Salt Lake City, Utah.
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Southwestern—W. A. Steenberg, Dept. of Eng., Eng. Bldg., U. of Ariz., Tucson, Ariz.
St. Louis—H. R. Kilpatrick, 216 Elm Ave., Glendale, Mo. (c/o Kirkwood P. O.)
Twin City—Frederick C. Teske, Jr., 3052 18th Ave. S., Apt. 3, Minneapolis, Minnesota.

Chapters

- ALPHA, *Founded October 15, 1904* - - - - University of Minnesota
(Chapter house) 324 Walnut St., S. E., Minneapolis, Minn.
- BETA, *Established March 26, 1906* - Michigan College of Mining and Tech.
(Chapter house) 233 College Ave., Houghton, Mich.
- GAMMA, *Established November 8, 1907* - - Colorado School of Mines
c/o Prof. B. B. Boatright, Colo. School of Mines, Golden, Colorado
- DELTA, *Established May 23, 1911* - - Case School of Applied Science
Theta Tau Box, Case School of Applied Science, Cleveland, Ohio
- EPSILON, *Established May 4, 1912* - - - - University of California
Box, Hearst Mining Bldg., University of California, Berkeley, Calif.
- ZETA, *Established April 17, 1912* - - - - - University of Kansas
(Chapter house) 1409 Tennessee Street, Lawrence, Kansas
- THETA, *Established May 26, 1914* - - - - - Columbia University
Care of Prof. T. H. Harrington, Columbia University, New York City
- IOTA, *Established February 5, 1916* - - - - Missouri School of Mines
Theta Tau Box, Missouri School of Mines & Metallurgy, Rolla, Mo.
- KAPPA, *Established March 25, 1916* - - - - University of Illinois
P. O. Box 516, Station A, Champaign, Ill.
- LAMBDA, *Established April 29, 1920* - - - - - University of Utah
Theta Tau Fraternity, Union Building, Salt Lake City, Utah
- MU, *Established January 3, 1922* - - - - University of Alabama
P. O. Box 1279, University, Alabama
- NU, *Established January 1, 1922* - - Carnegie Institute of Technology
P. O. Box, 114, Carnegie Institute of Technology, Pittsburg, Pa.
- OMICRON, *Established February 3, 1923* - - - - University of Iowa
(Chapter house) 804 North Dubuque Street, Iowa City, Iowa
- PI, *Established May 26, 1923* - - - - - University of Virginia
(Chapter house) 1521 Virginia Ave., University, Virginia
- RHO, *Established February 16, 1924* - N. C. State College of Ag. and Eng.
P. O. Box 5394, State College Station, Raleigh, N. C.
- SIGMA, *Established November 29, 1924* - - - Ohio State University
(Chapter house) 1965 Indianola Ave., Columbus, Ohio
- TAU, *Established December 12, 1925* - - - - Syracuse University
c/o Prof. E. F. Berry, College of Applied Science, Syracuse, New York
- UPSILON, *Established April 7, 1928* - - - - University of Arkansas
P. O. Box 24, University Station, Fayetteville, Arkansas
- PHI, *Established April 21, 1928* - - - - - Purdue University
(Chapter house) 416 N. Main St., West Lafayette, Ind.
- CHI, *Established April 23, 1930* - - - - - University of Arizona
Theta Tau Box, Engineering Bldg., University of Arizona, Tucson, Ariz.
- PSI, *Established May 7, 1932* - - - - - Montana School of Mines
Theta Tau Fraternity, Care of Montana School of Mines, Butte, Montana
- OMEGA, *Established March 26, 1932* - - - - S. Dakota School of Mines
(Chapter house) 1117 St. Joe St., Rapid City, South Dakota

Announcement

Theta Taus will be glad to learn that the petition of Phi Theta Xi at George Washington University has received favorable consideration from our fraternity. As a local fraternity since 1927, Phi Theta Xi has had an active and successful history and will without doubt be a credit to Theta Tau.

Grand Regent Coffman will install the new chapter sometime in December. The next issue of *THE GEAR* will carry a complete account of the installation as well as a history and description of the background of Phi Theta Xi, which will soon become Alpha Beta of Theta Tau.

Omicron Acquires a New Home

OMICRON IS proud of the fact that since the day of its founding, back in February, 1923, it has always lived in a house. There is truly nothing like living with men to understand them and to really enjoy their comradeship.

This fall Omicron has made a great advance in the acquisition of a truly fine home. It is with pardonable pride that we tell our other brothers in Theta Tau of this event in the history of our chapter.

Our new house is located on the eastern bluffs of Iowa River in the heart of the oldest fraternity district in Iowa City. It has a fine view from the front porch, the river below reflecting the new buildings on the western half of the Iowa campus. A view unbroken by trees or buildings extends to the striking Gothic tower of the University Hospital, behind which we see the reds of sunset fade into the darker blues of night.

But let's go in the front door. A short entry-way leads us into the spacious hall. From the hall two doors on the right lead into two living

The purchase of a new house by the alumni of Omicron Chapter marks a progressive step in the history of this chapter. In the accompanying article Phil McClintock gives an interesting picture of the house and its significance in chapter life. Phil is editor of the Iowa Transit which, of course, entitles him to the occasional use of an eloquent word.

rooms joined by a wide portal. In the living room to the rear we find the fireplace. What a necessary item this is in fraternal life! Those who have not enjoyed a quiet evening around a fireplace have missed an important item in the world of enjoyment.

But to go on with the story. Both of

these living rooms are furnished in quiet taste with comfortable davenports and big chairs. By the fireplace stands the radio, now established as an essential of the fraternity. Another exponent of music is a small upright piano which has found a place in the front living room.

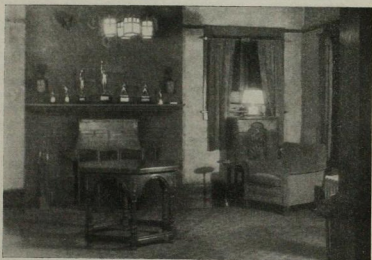
But let's go back to the hall again. Suppose that we had turned to the left instead of the right. As we move across the hall, we notice a small alcove which shares with the entry-way the front part of the hall.

From the hall we enter the chapter room. Here the evening cribbage games give way to the more serious problems of the fraternity at our meetings. The room is lined with pictures of former active groups and also with many pictures of those Theta Tau men

who were active in guiding various student organizations. Around the sides of the room is a wide oak bench, providing places for those taking part in the meetings.

If we walk across the room and through a door on the opposite side we find ourselves in a sunporch which extends along the entire side of the building. Here comfortable furniture

lead to the basement of the house. An inviting odor of savory food tempts us to try the stairs. Upon reaching the lower floor we proceed to the front of the house, and find ourselves in an attractive dining room. A long single table commands the center of the room, and through serving doors comes the anticipated food from the kitchen. While any of the brothers will tell you



"By the Fireplace Stands the Radio"

books, and good company bring happy hours.

In the rear of the chapter room we walk into the officers' rooms. Here large well-furnished rooms are a great aid in producing happy and contented officers. In such surroundings even a hardboiled steward can forget the financial troubles of the moment.

Leaving these rooms by another door we are again in the hall. By walking to the rear of the house in this now familiar hall, we reach the stairs which

that this is the most important function of the basement, it also houses servants' quarters and a large furnace room.

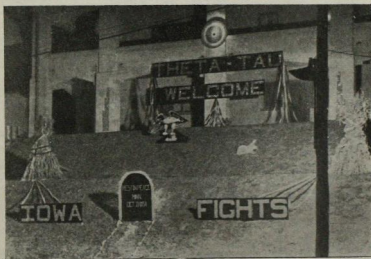
Now let us invade the upstairs of the house. It won't be necessary to look into every room, but if we pick any one of them we will find a large and comfortable room. Rooms 15x15 are unusual in fraternity houses, but these are the rule rather than the exception here. The arrangement on the third floor is practically the same as on

the second, a grouping of large rooms around a spacious central hall. A bath on each floor completes the appointments of the house.

The outside of the house is tan stucco on hollow tile walls which are surmounted by a tile roof. A hot water heating system of ample capacity to combat 25 degrees below zero temperature stands ready for use.

house as somewhat of a depression bargain. The price paid for it was about 16% of the valuation placed on the property by a local bank some two years ago.

The house was bought with the co-operation of the alumni association. They have the title to the property and they lease it to the active chapter. Due to this and the low purchase price



Dressed Up for Homecoming

The house is not new. It was built some years ago but it compares very favorably in condition with newer houses. It was occupied for many years by the local chapter of Beta Theta Pi. It was used for very short periods by two other groups. One of the latter completely refurnished the house with new furniture about two years ago, and this furniture has received only about three semesters of use since then.

We feel fortunate in acquiring the

the fraternity has one of the lowest budgets of any of the fraternities on the campus which are still paying for their houses.

Twenty men are living in the house at present but it has a capacity of about thirty-five. The active chapter is working hard on rushing and hopes to have more men in the house next semester.

Omicron of Theta Tau had an unpretentious start in a little brick house near the center of town. Old timers

will remember that in 1923 the Sixth Biennial Convention was held in this house while a rip-snorting prairie blizzard raged outside and the pledges had to put a suction on the thermometer to pull the mercury up out of the bulb. Later Omicron moved into first one house and then another on Iowa Avenue, a prominent residential avenue of the city. For the last two years Omicron's home has been in an old brick house very near the campus. It was in this little house at 4 East Market Street that most of the actives became acquainted with the fraternity.

However, sentimental attachments aside, many disadvantages were noticed in this location. The house was not attractive or livable enough to attract new men. All pledging was done through the sheer strength of the organization.

Now, however, we are proud to invite prospective pledges to inspect our house. It is handsome, well-located,

pleasingly furnished, and generally attractive throughout. The pleasing old English living rooms, with their exposed beams and panel trim always excite favorable comment.

One disadvantage has been found in the new house. A talk with some of the actives will make it appear to be quite serious. This is the fact that due to the increased distance from the campus one can no longer sleep until 7:45 and still make the old throat-cutting 8-o'clock. The extra fifteen minutes required to reach the campus from the new location has proved to be the sole fault, however, and we are resigned to it.

In all seriousness, we feel that Omicron has taken a significant step. We have acquired a permanent home that is in the best tradition of a fraternity house. We wish to take this opportunity of pointing to the latch-string, always out to any brother in Theta Tau.



CARL KINDSVATER, Zeta '35

Carl Kindsvater is not only a brilliant student, but he has had considerable practical engineering experience. He was born at Hoisington, Kansas, which is his present home. He has served one year as sophomore representative and one year as secretary-treasurer on the Engineering Student Council. He is serving his fourth year on the staff of the Kansas Engineer as managing editor. He is a member of Sachem, senior men's honor society, Pen and Scroll, A. S. C. E., Tau Beta Pi, and Theta Tau.

Columbia Honors Professor Harrington

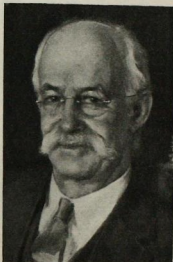
His Portrait Presented to the Engineering School

When Professor Thomas H. Harrington retires from active participation in the affairs of Columbia University this coming June, he will leave a host of friends and grateful students and a big job for the next man.

In April, 1934, a portrait of Professor Harrington, painted by Michael de Santis, was presented to the Engineering School by the University. It now hangs in the School of Engineering Library and bears the following inscription: "Professor Thomas Henry Harrington, C. E. '89, for Forty Years Guide, Counsellor and Friend to Columbia Men." This description merely touches on the merits of the gentleman who has been such a great influence for good in the school to which for four decades he has given unstintingly of time and counsel and good fellowship.

Professor Harrington graduated from Columbia with a degree of C. E. in 1889 and obtained a position with the New York River and Harbor Improvement Company. He remained with this concern until 1894, when he became a member of the Columbia School of Engineering faculty.

Professor Harrington is now Assistant to the Dean of Columbia College and Faculty Advisor to pre-engineering students. He is also Assistant to the Dean of the School of Engineering, Faculty Advisor to engineering students, Secretary to the Fac-



"Guide, Counsellor and Friend. . ."

ulty, Executive Secretary to the Engineering School Alumni Association, and an honorary member of the Columbia University Alumni Association. He is a member of Theta Xi, Tau Beta Pi, and Senior Society of Dumbbells.

Professor Harrington has been an honorary member of Theta Tau since 1920 and has been the guiding spirit of Theta Chapter since that time. Despite his many duties and interests, he rarely misses a Theta Tau function and his humorous repartee and sagacious counsel are the highlights of any meeting.

Introducing Grand Outer Guard

Russell G. Glass Elected to Executive Council
at Eleventh Biennial Convention

The eleventh biennial convention made only one change in the personnel of the Executive Council. Brother Russell G. Glass, an active alumnus of Sigma Chapter, was unanimously elected Grand Outer Guard for the coming biennium. THE GEAR takes this occasion to introduce to the fraternity this energetic and enthusiastic national officer. "Russ," as many of the brothers know him, has for a number of years shown a great interest in Theta Tau. This interest began when he helped to organize the Engineers' Club which later became Sigma Chapter at Ohio State University. As one of the founders of Sigma Chapter he was active in the fraternity until his graduation with a B.C.E. degree in 1924. He was also a member of Sigma Phi Sigma fraternity.

"Russ" says that he did all his civil engineering in college for he has since been classified as a heating and ventilating engineer and is at present manager of the Stoker Division of the Pocohontas Fuel Co., Inc. When Brother Glass has not been designing and constructing heating equipment and handling Alumni Association affairs he has found time to take part in Masonic Lodge work and to join the Euclid Kiwanis Club; he is, in fact, president of the latter organization.

After graduation he identified himself with the Central Ohio and Cleveland Alumni Associations and has on



many an occasion been the mainspring of these groups. He represented these associations at the 9th and 11th biennial conventions.

"Russ" married before gray hair set in and now has a daughter seven years old and a prospective Theta Tau aged four. (Sigma Chapter please note.) Every summer he takes his family to Canada for fishing and canoeing and we understand he harbors a secret desire to hunt big game there.

THE GEAR wishes to congratulate Brother Glass upon his elevation to the Executive Council and to commend the fraternity upon its choice. He brings the fraternity experience, good judgment, enthusiasm, and interest—a useful combination in a national officer.

Willie Brown==The Voice Heard Round the World

Nu Chapter numbers among its members one of the outstanding amateur radio operators of the country in Vice-regent William J. Brown. Brother Brown owns and operates station W8AKU, "The Modulated Power Leak" in Pittsburgh, Pennsylvania. W8AKU operates on a frequency of 14,200 kilocycles, or a wave length of 20 meters, and is one of a very few stations transmitting on phone that can develop a kilowatt on this wave length.

The gear on the front of the speaker as shown in the photograph has a history. These gears are worn by Nu pledges as a part of pledge duties and are then preserved by the active members as souvenirs.

Brother Brown has received very favorable reports from all continents except Africa and is reported to be the



"The Modulated Power Leak"

only operator in eastern United States to reach Australia on 20-meter phone. He has maintained consistent communication with Negritos, Peru over a period of four months. "Willie", as he is known to his radio friends, would like to hear from any Brothers in Theta Tau who have heard him on the air.

Outstanding In Omicron

James P. (Phil) McClintock and Sidwell Smith, both '35, are doing large shares of the extra-curricular activities at Omicron and are two of the

most outstanding men in the Engineering College.

Brother McClintock is editor of "The Transit," is a member of the University swimming team, treasurer of the A. S. of E., a member of Tau Beta Pi, R. E. I., Scabbard and Blade, and vice-regent of Omicron Chapter of Theta Tau.

Brother Smith is general manager of "The Transit", president of Union Board, a member of Tau Beta Pi and R. E. I. and president of the student branch of A. S. C. E., which organization he recently represented at the Sixteenth annual meeting of the Iowa Section at Des Moines.



Phil McClintock



Sid Smith

Gamma Mixes With Burros and Sig Gams and Wins (Polo Game)

It may be remembered that the yearly contest at donkey-polo between Gamma of Theta Tau and the Sig Gams at Colorado School of Mines extended last year into the realm of words. Caustic comment and vitriolic verbiage were expended and Gamma Chapter met ignominious defeat. This year's encounter is adequately pictured in the following account from *The Ore-Digger*:

The Theta Tau mallet crew bested the Sig Gam pellet pushers in the annual polo game Saturday and publicly avenged the whitewashing received at the hands of the pick and shovel gang last year. The final score was 3 to 1.

Individual honors went to Turchan, who made seven three-point landings in a furious battle of wills with his mount.

The hard-riding Theta Taus used a

deceptive attacking formation which crossed up the sturdy defense prepared by the Sig Gams on the basis of information scouted during the burro race during the half of the football game.

The first goal was scored when Reed's back hand shot caromed off his jack's underpinning and dribbled between the goal posts. Reed was credited with an assist.

The Sig Gam crew declared they were framed by the Theta Tau bunch, who, they charged, administered large doses of phenobarbital to the Sig Gam mounts before the game.

Theta Tau apologized, saying they had intended the sleep producer for the Sig Gams, but were unable to distinguish between riders and steeds.

The real star of the game was the jack that refused to go on the field because Christie's shirt looked like a barber pole.

Jim Wilson Prominent at Beta



Jim Wilson is one of Beta's most untiring workers and since his initiation has always been one of the most prominent men of the chapter. Last year he was selected as Beta's representative to the national convention in Chi-

cago. Jim has been active in Blue Key since his junior year and was recently elected national representative of this honor fraternity. He also holds office in Tri-Beta honorary band fraternity. Jim has a fine sense of values and his judgment is respected by his fellow students. Last year they elected him treasurer of his class. He also held the important position of basketball manager and was a member of the student council.

Engineer Becomes Mechanic, Big Game Hunter, and M. D.

Letter from Philip Andrews to Robert Coats, Regent of Epsilon

Cuidad Bolivar, Venezuela

So much has happened since I wrote you last that I hardly know where to start or end but will have to limit myself to some of the high spots of most recent occurrence. At present I am working on a concession or rather several concessions totalling some 750 square kilometers and maps must be presented this fall so I am "scratching dirt." I have some twenty or more peons working and had two topographers but released one on the 4th of this month. It is surprising how much of one's time and energy it takes to keep them all busy and keep things running smoothly.

Tonight I have a boy with a bad case of fever with dysentery on top of that so I had to give him a hypodermic of emetine. Many of the peons about here never saw a pick and shovel and one of my pit diggers stuck the back end of a very sharp pick into his head on the upstroke. It tore a hole in his scalp and injured the bone (his skull) which was thick enough to prevent any possible injury to his brain. I sewed up the scalp and prayed for the best. That was two weeks ago and now there is hardly a scar so I felt rather lucky.

Rains were due over a month ago (this region really has a dry season) so the situation is beginning to be serious. The ground is full of great cracks, the withering sun has completely parched everything and the clouds just roll by without more than letting out a few drops now and then to lay the dust.

I am drinking green water out of a

small lagoon along with the other burros, cattle, pigs, dogs, etc. Of course it is duly sterilized but I haven't found anything to disguise the flavor. I want to move camp some five leagues to the west but there is no water and the pastures are all burned up. It will probably begin to rain in earnest soon and make this a sea of mud—such extremes! Have been having rather a miserable time with fever but have been up a week now after losing some five days. Bell, my companion, tells me that I did a lot of talking to myself on the two days that I ran fever—one day to 104 and the next to nearly 106. The chills, nausea, terrible pains make one very sick but I was back at work within three days after the high fever.

I had camp on a low river bottom for nearly two weeks and one afternoon the boys killed an eleven-foot boa constrictor just a short distance back of camp. I have the skin carefully dried and hope to have it back in the states some day to go with two others that I have tanned and at home. Of course there is no bridge over the river and one day we pulled the differential housing apart in getting the Ford out of the stream bottom. It looked like rain and I had visions of all the work paralyzed and a ton or more of equipment being carried off if the stream should rise enough to overflow its banks. I wired our nearest drilling camp and had a truck and repairs on the spot within 48 hours. The truck remained a week to help with the work and I put in the new differential as soon as there was time. The car was

nearly together once when I discovered two extra pieces and had to tear out the rear end again, but it has worked fine ever since.

Sediments are soft, dips are low and the relief is slight so you know that the job is not easy. I have already examined over a hundred pits and hope to have several hundred more finished shortly which should give me quite a lot of information. The problem is

very interesting but I am fighting against time so I can't do the work as thoroughly as I would like.

I certainly wish that I could drop into Berkely and Bacon Hall for a visit but it will be some time before I have that pleasure. Tell my friends there "Hello." Very best wishes and thanks again for your letters.

In H & T,
PHILIP ANDREWS

H and T Men Apply Modern Methods In Arabia

Abstracts of Letters to E. J. Schrader from S. B. Henry, Epsilon '23

Jubail, Saudi Arabia
January 18, 1934

DEAR BROTHER SCHRADER:

I was glad indeed to get your letter as were the rest of the men. We consider it a sort of family affair since



S. B. Henry, à la Arab

five of the six men on the staff are H & T men,—Hugh Burchfield, Tom Koch (who was delegate to the 1927 convention), Art Brown, and myself.

We have recently been informed of

the birth of the new subsidiary which will operate in Saudi Arabia,—the California-Arabian Standard Oil Co. We have high hopes for the infant subsidiary but so far the going hasn't been exactly a bed of roses. It is a matter of dropping 20th century ideas into a 12th century atmosphere where customs, ideas, and religion are almost diametrically opposed and the case necessitates a world of patience and perseverance.

Aside from governmental regulations and restrictions, the greatest problem is that of transportation. Specially equipped 8-wheel drive trucks have not proved successful. Ford V-8 pick-ups and touring cars equipped with air wheels get over the country nicely but are not constructed strong enough to withstand the constant cross country travel.

A plane with personnel and equip-

ment for aerial photography is scheduled to arrive soon. Climatic conditions should prove ideal for such work and the nature of the country is such that excellent aerial maps should be secured without difficulty. This is a very economical arrangement for the preliminary work where reconnaissance ground mapping presents such difficulties.

May 10, 1934.

I have just come in from a three months spasm of field work out in the wide open spaces. Our new organization is gradually getting some of the wrinkles ironed out and work seems to be progressing as well as can be expected. It is rather hard to grasp the trend of thought of some of the Arab officials at times. It will take time to get their confidence, I guess; just now they don't know what to make of us. Have not seen Tom Koch or Art

Brown for several months. Just now they are working west of the Dahana trying to build up a more complete stratigraphic. We expect them about June 1. I am leaving tomorrow to finish up a detail job which I started last October. We have hopes of spending a part of the summer on Cyprus Island and working up our reports, a much needed change of climate and scenery. We have carried on considerable reconnaissance work by plane during the past month,—some 130 hours, I believe, also some aerial photographic work. Conditions have not been too good for photography. Hugh Burchfield has been doing most of the aerial reconnaissance in conjunction with Bert Miller.

All of us are enjoying the best of health and all join in kindest personal regards.

In H & T,
SCHUYLER B. HENRY

Scholar==Football Captain



John H. Schipke, Omega '35, has been prominent in athletics during his entire four years at the South Dakota State School of Mines. His favorite activity is football, which may ac-

count for his election to the captaincy of the squad for 1934. In addition to being captain of the football team he is a regular on the basketball team.

"Shipper's" prowess is not confined to athletics, however. He has main-

tained high scholastic standing and is a member of Sigma Tau Sigma honorary.

He is active in Theta Tau and is the present scribe of Omega Chapter.

The last volume of "Who is Who in Engineering" contained the names of 182 members of Theta Tau, which is a fine record considering the high average age of those listed in this reference book. Epsilon chapter leads with 26 men, but Gamma, Alpha, Beta and Zeta are close behind. Over 90 percent of the Theta Taus listed were from chapters installed before 1921, which is easily explained by the youth of the alumni of the later chapters.

In Memoriam

HERBERT ALLEN RICE, Zeta Honorary

Professor H. A. Rice was born in Jackson, Ohio, in 1873. He was graduated from Ohio State University in 1897 with the degree of B.S. in Civil Engineering. After graduation he practiced engineering as a profession until 1905, at which time he



H. A. Rice

came to the University of Kansas as assistant professor of Civil Engineering. In 1922 he was made head of the Department of Civil Engineering; in this capacity he served until his death, July 28, 1934.

Professor Rice was instrumental in the organization of Zeta Chapter of Theta Tau. His loyalty and his help to his fraternity have been the guiding star of this chapter.

Brother Rice assisted in the organization of Schem, senior men's honor society at the University of

Kansas. He was a member of the American Society of Civil Engineers, the Society for Promotion of Engineering Education, the Kansas Engineering Society of which he was president in 1924, the University Club, Sigma Xi, Tau Beta Pi, and Phi Gamma Delta.

GRANVILLE SANDS, KAPPA '31

Granville Sands, 24, died of cancer at the home of his parents in Waukegan, Illinois. He was a graduate of the University of Illinois, having taken his bachelor's degree in Railway Electrical Engineering in 1931.

Brother Sands was well known on the University campus and had been a member of Tau Kappa Epsilon, Skull and Crescent, Sigma Epsilon, Theta Tau, the Varsity Band and the Railway Club.

Upon leaving school he was employed by the Rapid Transit Company of Chicago, where he remained until his illness. He was married two years ago and leaves besides his wife and parents a young baby.

ALTON D. ROONEY, Epsilon '23

At the time of his death on May 23, 1934, Alton D. Rooney lived at Byron, California and was superintendent at a mine of the California Silica Sand Company near Byron. He died as the result of injuries received in a belated dynamite blast.

Brother Rooney was 35 years old and is survived by his widow and two small children.

EMORY M. TIFFANY, Gamma, '24

Emory M. Tiffany was born and reared in Durango, Colorado. He died at Alma, Colorado on June 22, 1934, of appendicitis.

Brother Tiffany was graduated from



E. M. Tiffany

the Colorado School of Mines in 1924, with the highest honors in his class. Also, he was one of 14 men who have been awarded fellowships from the School of Mines with a choice of attending Oxford, Harvard or Yale.

After his graduation he became manager of the Gold Hill mine at Gold Hill, Utah, and held this position until the drop in the price of base metals forced the property to cease operations. He then became associated with Charles A. Chase in Silverton and while a resident of that town served as en-

gineer for San Juan County, Colorado. He left Silverton to accept a position as engineer for the Smuggler Union mine at Telluride and later became associated with the London Gold Mines Co. at Alma.

Brother Tiffany is survived by his parents of Durango, a son, a daughter, and a brother of Chicago.

GEORGE KENNETH URQUHART,
Alpha '15

George Kenneth Urquhart died on April 6, 1933 at the age of 40. His death occurred while he was driving to work, and according to the coroner's verdict was from natural causes. Brother Urquhart was employed by the Davidson Real Estate Company in St. Paul. He is survived by his widow, two children, his father, George Urquhart, and a sister, Mrs. Don B. Simmons of Minneapolis. In 1915 Brother Urquhart was graduated from the University of Minnesota as a Mining Engineer.

After graduating, Brother Urquhart was employed as transitman by the Inland Steel Company. Later he worked for S. T. Harrison and for the Mahanomen Mining Company. He was in the service of the United States Army from the opening of the War until July, 1919. After the War he was an engineer with the Elba and Corsican Mines and with Pickands Mather Company in 1920. He was with the Columbia Steel Company at Iron Springs, Utah, until 1926 and with Gardner Denver Company in Birmingham, Alabama, until 1933.

The following deaths were reported a year ago but details were not then known:

DAVID STEWART CRAIG, Alpha Ex. '18

David Stewart Craig died on July 27, 1933 as a result of an injury received during the World War. He left the University of Minnesota during his senior year as a member of the first group of volunteers from Minneapolis and St. Paul. He ranked as first lieutenant in the marine corps, serving in the 1st, 5th and 8th regiments and retired as acting captain in command of his engineering company. His command was enroute to Siberia and was stopping at Guantanamo Bay, Cuba when the Armistice was signed. Upon his return to Minneapolis he organized and acted as first commander of the William Peck Post of the American Legion.

Brother Craig was very prominent in athletics. He won the Minneapolis tennis title in 1913 and played on the first hockey team at the University of Minnesota. Later, he pitched for the 5th regiment baseball team, played on the all-marine football team, and won the singles tennis trophy in competition between the marines and the navy. He was also a member of

Scabbard and Blade and Sigma Nu.

At the time of his death he was sales manager for J. P. Darrow and Son of Germantown, Pennsylvania, and was living in Philadelphia. He is survived by his widow and two children, and by his father, sister and brother in Minneapolis.

JOHN A. MCCREA, Alpha '28

John A. McCrea, 28 years old, son of Dr. and Mrs. J. F. McCrea was drowned in Lake Michigan on May 29, 1933. He was believed to have been overtaken by cramps while swimming.

Brother McCrea had gone into the employ of the Westinghouse Company after graduating in 1928 from the electrical engineering school of the University of Minnesota and had been transferred to the Commonwealth Edison Company of Chicago prior to his death. He was also a member of Alpha Delta Phi. In addition to his parents, he is survived by a sister, Mrs. Frank E. Hall, Vancouver, B. C.

The GEAR *of* THETA TAU

OFFICIAL PUBLICATION OF THE FRATERNITY

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

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NUMBER 1

WELCOME, ALPHA BETA!

As we go to press plans are being made for the installation of Alpha Beta Chapter at George Washington University. These prospective members may feel sure of their welcome. Were not the fraternity convinced of their worth and the desirability of their institution the petition would have been refused. Theta Tau has been conservative in its expansion. Charters have not been granted when the future success of the chapter was in doubt. These facts speak more significantly, perhaps, than can editorial comment.

However, we feel that the fraternity at large and Phi Theta Xi are to be congratulated,—Theta Tau upon its acquisition of what promises to be a strong chapter favorably located in the nation's capital and Phi Theta Xi upon its affiliation with a sturdy national body of fraternity-minded brothers. It is a pleasure to welcome the new "baby" chapter. May it speedily feel at home in its new surroundings and continue to display the same vitality and worthiness in fraternal ways which won admission to Theta Tau.

THE OFF-CONVENTION YEAR

It is frequently said, with more or less truth, that the morale of a chapter declines in the off-convention year. It is true, no doubt, that the immi-

nence of a convention has a stimulating effect upon a chapter. The chapter wishes to make a good report at the convention. There is a natural desire to "live right," fraternally speaking, in order that scholarship, financial standing, and chapter activities may be favorably reviewed on the convention floor. At the convention there is invariably a stimulus which lasts for several months.

But what of the off-convention year? There is little outside stimulus for the chapter. It is on its own to a greater extent than it is during the year before and the year after. It is only natural that some chapters experience a let-down. The responsibility lies almost entirely with the chapter officers. Their attitude toward fraternity affairs is the guiding spirit of the chapter. Hence this year's officers have a harder job than last year's; the situation is distinctly a challenge to them.

We hope, Brother Officers, that you will deliver the goods. As the Electricals would say, "Power to you!"

NICE GOING, PI!

THE GEAR wishes to commend Pi Chapter upon its decision to move into a house. Without reviewing the many advantages and the many dangers which accompany the occupation of a fraternity house we feel quite

definitely that such a step as that taken by Pi Chapter indicates a good chapter spirit. That such a venture involves some risk has been frequently demonstrated. We may conclude, therefore, that Pi Chapter, in addition to chapter spirit has the courage which must precede such a decision. A well managed house can do much to strengthen the fraternal bond and we are proud of Pi Chapter's determination to plow ahead in these somewhat uncertain times.

CONGRATULATIONS, OMICRON!

THE GEAR is proud to extend its hearty congratulations to Omicron Chapter for their most recent achievement—the newly purchased home described in the feature article of this issue. Omicron is now "at home" in one of Theta Tau's finest fraternity houses, thanks mainly to a well organized and smooth working alumni as-

sociation. Indeed the Omicron alumni association might well be taken as a model for the fraternity for it is doubtful if its equal can be found in more than possibly one or two other of our chapters. This association, formed shortly after the chapter was established at the University of Iowa in 1923 has worked always diligently and unceasingly for the strengthening of the active chapter as well as for the furtherance of fraternal ideals and benefits among its growing alumni group.

This happy solution of the house question for Omicron will no doubt prove of great value in reinforcing the morale of the chapter itself and will also be a real help in meeting the competitive situation on the campus. While not all of our chapters are situated where chapter houses are possible or desirable, certain it is that those who are in position to do so would do well to emulate Omicron's example.

Twin City Alumni Celebrate Founding With Alpha Chapter

DEAR BROTHERS:

Our association has held only one fall meeting, and that in connection with the active chapter at a banquet to celebrate the thirtieth anniversary of the founding of Alpha Chapter on October 15. Frederick C. Teske, Jr. presided as toast-master and introduced the following principal speakers: Ward Thompson, regent of the active chapter who reviewed the current situation at the house and the prospects for the coming year; Walter Wheeler, '06, who described the founding of the fraternity and some of its early problems; Elting Comstock, honorary, who traced the events of the intervening years in the development of the active chapter; James Colvin, '14, who told of the efforts of the executive committee in collecting building notes due by alumni during the past summer in an attempt to retire part of the principal of the mortgage.

The executive committee during the summer voluntarily assumed responsibility for meeting the mortgage which came up for renewal in July. Frequent meetings were held to check

up on the progress being made, and new plans were constantly formed to stimulate results. Through the combined efforts of the members the principal was reduced by \$600 and the mortgage was renewed for another year.

On November 3, Homecoming Day at Minnesota, the following alumni dropped in at the chapter house to say howdy to the boys: Larry Oberg, '33, Roy Grover, '31, Ted Ny-lund, '33, Irving Sommermeyer, '31, Les Haverlund, '30, Duane and Leroy Abrahamson, '32 and '29, Roy Farchman, '32, Carl Barthelmy, '28, Floyd Robbins, '34, and Bob Ramsdell, '30.

Our officers are Alpha alumni, all living in Minneapolis except for Brother West who lives in St. Paul:

President—Herbert S. West, '21

Vice-president—Joseph W. Skovholt, '31

Secretary-treasurer—Frederick C. Teske, Jr.,

'27 and Olaf M. Rufs-vold, '15

Here's promising you a better letter for the next issue. Yours in H & T,

Frederick C. Teske, Jr.

Alumnus of Southwestern Association Sees Passion Play

DEAR BROTHERS:

Since its revival in 1933, the Southwestern Alumni Association has become firmly entrenched in Arizona. Meetings are held yearly on Founders' Day, and so far have been joint affairs with Chi Chapter in Tucson.

The great distances between cities in Arizona work a hardship on members attending meetings in person, so that the news letter has been elevated to a high place in our estimation. Last spring the Association aided Chi in sending out one such letter, and in the future hopes to send many more.

Lambda will be interested to know that several of their men attended the last meeting: C. C. Cornwall, Lambda '11, E. D. Gardner, Lambda '06, and E. S. Borgquist, Lambda '11. Other chapters and Alumni Associations are urged to send us the addresses of any of their men in the Southwest.

A letter from Waldo Huber, Chi '32, now in Germany, was read at the meeting and contained a description of the world-famous "Passion Play." Because of the interest shown here in this description we are passing on abstracts from it:

"It may be of interest to you if I say a few words about a very interesting trip I made last week to the little village of Oberammergau in the middle of the Bavarian Alps. As many of you know, this is the village where no one ever cuts his hair or shaves and where the world-famous Passion Play is given once every ten years as a fulfillment of an oath made by their forefathers with their Maker when the village was saved from a plague in the year 1634.

"As the train, filled with people of many tongues, pulls into the station it is met by a group of porters, all natives of the village, with long, wavy hair reaching their shoulders. They gladly carry one's bags or show him where he is to stay for the next few days. As hotel accommodations for all of the guests are not available, thousands stay in the homes of

the people, where one gets better acquainted with their hospitality and friendliness. In the house where I was staying, which happened to be the home of one of the players, there were five nations represented, yet all were filled with the same anticipation and each considered the other his friend. Even the Germans and French forgot that they were supposed to be enemies.

"The eve of the performance finds friends meeting friends, new acquaintances being made and the scores of visitors becoming acquainted with the world-renowned village.

"On the next morning promptly at 8:15 the doors of that great theater are closed around some six thousand persons and the play begins. Everyone in that large audience remains perfectly quiet for the next three and a half hours until time for the noon pause and each is surprised to learn that it is so late. Over the noon meal the members of the audience have a chance to exchange impressions and allow impressive scenes to sink into their memories. It would be injustice to the players to attempt to describe their ability or the costumes and scenes, for in order to appreciate fully the endeavors of the villagers one must receive these impressions himself.

"At five p. m. the doors are opened again and the great audience leaves the theater. Within fifteen minutes after the performance the players are back in their shops ready to sell postcards and souvenirs and to autograph their photographs. Everyone, of course, wants a picture of the man who plays Christ and his personal autograph, so he sits in his shop until the late hours of the night writing his name. These souvenirs recall to mind two very pleasant days spent among the peace-loving Bavarian people.—Waldo Huber."

Yours in H & T,

W. A. STEENBERGER, Secretary,
Southwestern Alumni Association

Brother "Rip" Van Honored By Chicago Alumni

DEAR BROTHER:

The Chicago Alumni Association is still in the command of Brother Edmund W. Gifford, Kappa '28 as president and Brother Richard Van Gorp, Omicron '26 as secretary. There has not been a great deal of activity so far this year, although a group of alumni from Beta, Omicron, Phi and Sigma chapters gathered at a dinner in honor of Brother "Rip" Van, who was transferred to Bethlehem, Pennsylvania after nine years in the Chicago office of the Kalman Steel Company.

Brother Van will be remembered for his long and active service on the Executive Council and for the great interest he has always taken in the fraternity.

Though engineers in general have had rather hard sledding in recent years I know of only a few of the brothers here in Chicago who have remained unemployed for any great period of time.

Yours in H & T,

DICK VAN GORP

Get It Off Your Chest

Last spring the editors asked for criticism on the current issue and promised to print as many letters as the budget would allow. While we have not been swamped with comments we have received a good many of which the following are typical. We are glad to have these letters. The complimentary ones, of course, stimulate the old ego and the other kind—well, we can take it and perhaps get an idea in the process. Welcome, critics, to these columns.

New York, March 19, 1934

DEAR BROTHERS:

In reply to your letter of March 12, 1934, I am enclosing subscription blank and check.

Frankly, I have not found the magazine very interesting in the past but, because of past associations, am only too glad to continue the subscription and I hope you will be able to find ways to improve the publication.

A number of years ago I lost my pin. It occurs to me at this time to ask as to whether or not you know what arrangements can be made for replacing it.

Yours in H & T,

JULES A. GUEDALIA

1. Thanks a lot. 2. Any suggestions? 3. Write Grand Treasurer Vawter.

Cleveland, Ohio, August 31, 1934

DEAR BROTHERS:

Enjoyed the last issue of THE GEAR very thoroughly and anticipate further pleasure.

Yours in H & T,

FRED A. WEBBER, Delta

Thanks. Hope your optimism is justified.

Mina, Nevada, September 11, 1934

DEAR BROTHERS:

I do not care for your new cover—looks like a machinery catalog.

Yours in H & T,

A. M. TWEED

Has Brother Tweedt looked at his pin?

Houghton, Michigan, May 19, 1934

DEAR BROTHERS:

Your latest issue of THE GEAR received much favorable criticism from the members of Beta Chapter.

The reading content we felt was presented in a very live, swiftly moving style. The heads especially, we thought, contained a great deal more punch than has been displayed in previous issues. Many commendatory remarks were given the general make-up, and to the "Impressions of the Convention" and "Convention Chatter" in particular. They were written in a very close-to-the-reader fashion, and revealed most strongly that THE GEAR can be more than a semi-annual statistical report of Theta Tau accomplishments.

Opinion was not so favorable, however, on the change made in the cover design. We realize, however, that with a limited budget you are confined to a narrow range in the choice of material. The feeling was that the blue upon white scheme did not present the rich, conservative impression as the dark red and gold of the former covers.

On the whole, we believe that much can be said in praise of the new policy of the editors of THE GEAR.

Yours in H & T,

Beta Chapter,

J. S. WESTWATER

Do we like Beta Chapter!

Iowa, Louisiana, Oct. 31, 1934

DEAR BROTHERS:

Compliments on your last issue of THE GEAR and its radical departure from past issues.

... am doing my engineering for the Shell Pet. Corp. in the great old South, Louisiana in particular. . . .

There are about 10 or 12 known H & T men in a radius of about 100 miles near me and a good many more throughout the entire Gulf Coast area.

Yours in H & T,

JACK P. HAYS

So "Galloping Jack" Hays is down in Louisiana. Thanks for the kind words, Jack.

Letters from the Chapters

Alpha Gets Romantic; Also Wins Tennis Cup



The fall quarter activities at Alpha Chapter began with eleven active members and four pledges. Three of the latter, however, became active during the third week of school; they were Robert Aslesen, Fred Lang, and Graham McVicker. Two men were initiated last spring. They were Robert Gilruth and Ronald Robertson. At present we have two pledges: Earl Bennetson and Malvin Olsen.

The officers for the year are: regent, B. Ward Thompson; vice-regent, Roland Nygren; scribe, Eugene Holston; treasurer, Donald J. Heng; corresponding secretary and steward, Oscar Wehmanen; marshal, Roy Dynesius; inner guard, Ronald Robertson; outer guard, Lee Paul.

Founders' Day banquet was held this year in the Minnesota Union. Brother Fred Teske was toastmaster. Interesting talks were given by Brother Walter Wheeler and Brother E. H. Comstock, Honorary.

Last May, Alpha held the annual spring party. It was a dinner-dance affair and was a great success, probably because the evening was perfect—warm, full moon, etc.

About the first week in June, last spring, we made the annual canoe trip from Taylor's Falls to Stillwater. Fifteen of us participated in the outing.

Last spring, also, Brother Floyd Robbins won the Professional Fraternity singles tennis championship, thereby adding another trophy to our collection.

EUGENE T. HOLSTON

November 3, 1934

Beta Keeps Scholarship Trophy; Acquires New Roof



Beta began the new year auspiciously, having at the present time twenty-six active members. Nine new pledges, including men from Rhode Island, New York, Tennessee, and Minnesota besides the home state, are now on the list and are as follows: John Lendved, Ray Rouse, William Martin, Dick Holtz, Gordon McCurdy, Peter Ambrosiani, Harry Riley, Jack Quay, and William Bennett. Since the last issue of THE GEAR several initiates have been welcomed into the chapter. Last spring Paul Harrington, Robert Ferguson, Norman Siewert, Robert Hafemeister, Edgar Wallace, Allen Olson, and Sheldon Reynolds became members of Beta, and so far this fall Edward Kreig and Carl Bjork have been initiated.

We expect to have a very successful season under the leadership of Regent John Allen, Vice-Regent William Lange, Scribe Lloyd Campbell, Treasurer Herbert Keinath, Marshal William Collins, Inner Guard Eugene Allyn, and Outer Guard Joe Albert. Brother

Andrew is our new steward and is running the house in fine style.

During the summer several worthwhile improvements were made on the house. The old roof, which was sadly in need of repairs, was replaced by a new one of composition shingles with copper valleys and gutters. The majority of the rooms have been redecorated, new rugs have been laid and more furniture has been ordered. All these improvements have greatly enhanced the appearance of the old home grounds.

The Brothers seem to be in a fair way of repeating the success of former actives on the campus. Beta again received the scholarship trophy by compiling the best scholastic average of any organization on the campus. We lost all our Tau Beta Pi men by graduation but hope to make up the loss soon.

Brother Andrew will lead Blue Key this year, having been elected to the presidency. Brother Wilson has been elected national representative to the convention in Chicago. Brothers Olson, Allen, Collins, and Price are also active.

Several of the fellows are leaders in R. O. T. C. work. Brothers Lange and Olson are

respectively president and treasurer of Tau Nu Tau, Military Fraternity. Brothers Andrew and Allen are also prominent in this group. Brother Collins has succeeded Brother Carleton Passenheim, '34, as cadet band captain and is also president of Tri-Beta, honorary band fraternity.

Athletics have claimed the attention of Brothers Rogers and Campbell and also Pledge Ambrosiani. Brothers Olson and Hascall are prospective members of the hockey squad, Brother Olson being given a berth on the All-American team last season.

Brother Allen is president of the student branch of A. S. C. E. Three Brothers, all members of the Lode Staff, Bill Collins, grad-

uate manager, Joe Albert, business manager, and Jack Reid, managing editor, attended the Associated Collegiate Press Convention in Chicago this fall. Brothers Harrington, Nervervis, and Andrew are also on the staff of this publication.

The juniors are two steps ahead of the other classmen, having elected Brother Nervervis and Pledge Bennett president and treasurer, respectively.

Just now we are revising our alumni list. The present addresses of many alumni are unknown and we would appreciate information as to their whereabouts.

November 1, 1934.

Delta Mixes Theatre=Parties with Dinner Meetings



Nine active members returned to Delta Chapter this fall, and the following men have been pledged thus far: Paul Grossman, Jack Prendergast, P. N. Bosworth, C. K. Egeler, Wayne Smitley and McKinney.

The returning officers are: regent, W. G. Seck; vice-regent, Robert Moeller; scribe, K. F. Sibila; corresponding secretary, R. G. Chapman; treasurer, R. A. Taborsky; marshal, F. W. Cowdrey; inner guard, J. O. Geissbuhler; outer guard, R. O. Hartman.

The chapter is well represented in all activities about school. Johnny Geissbuhler and Frank Cowdrey are on the Varsity swimming team. Members of the track team include W. G. Seck and Bob Moeller, while Ken Sibila is senior track manager.

Members of the "Differential" staff, which has turned out a fine yearbook, are John Geissbuhler, R. Moeller, and R. G. Chapman. Al Sibila is president of the Glider Club. W. G. Seck is president of Phi Kappa Tau fraternity and of the Interfraternity Council. Bob Taborsky is president of the Case Student Branch of the A. S. M. E. and a member of the Case Club Board of Managers which promotes the social activities of the school.

Tau Beta Pi has just elected Robert Chapman, R. O. Hartman, and Alfred Sibila to its membership.

We are planning on holding dinner-meetings with theatre parties or social meetings in the evenings this year in order to bring the actives in closer contact with each other.

ROBERT MOELLER

November 3, 1934

Alumni Attend Chapter Meetings at Epsilon



Epsilon has twenty-five active members at present. Of these, eight were initiated last Saturday (Oct. 27).

Our officers for the fall semester are: Regent, Robert R. Coats; vice-regent, Cyril Fox; scribe, Joseph T. Gregory; treasurer, Wm. H. Suydam.

A number of alumni have been attending meetings regularly this fall. Some interesting talks have been given by members of the faculty and others. At our Open House, Brother Pickard, Beta '07, gave a fine talk on personnel work in industry, emphasizing the importance of accident prevention in mining.

Our new initiates are: J. Norman Andregg, Claude Artero; Edward J. Coenen, Wm. McFadden, David R. Nelson, Harry Thomsen, Wm. Thompson, Clarence Van Gundy. The initiation was followed by a banquet which was thoroughly enjoyed by all who attended.



FRONT ROW—McFadden, Thomsen, Coenen, O'Leary, Bourret, McLaughlin
MIDDLE ROW—Gregory, Isaacs, Nelson, Badt, Artero, Andregg, Van Wyke, Thompson, Coats
BACK ROW—Allen, Van Gundy, Fox, Sturgeon, Suydam

New in honors this fall are Brothers Suydam and Lindsay in Tau Beta Pi, and Gregory in Phi Beta Kappa.

JOSEPH T. GREGORY

October 31, 1934.

Zeta Leads in Horseshoes and Handball

LAWRENCE
KANSAS

The Kansas drought has had no effect on Zeta Chapter. Nearly everyone is back in school this year. We regret that Brother Franklin White is unable to be with us

this semester; Brother White became ill with tuberculosis shortly before school opened. His condition is rapidly improving.

We recently initiated four new members, raising the number of active members to nineteen. The initiates were Lloyd Christianson, Edward Heter, Max Lamm, and Karl McDonnold. We have twelve very promising pledges.

The officers for this semester are Lewis Benz, regent; Preston Cole, vice-regent; Edward Heter, scribe; Carl Kindsvater, treasurer; and Bill Carter, corresponding secretary.

Many alumni were back for the Founders' Day Banquet on October 21. James Smith was toastmaster; Lt. E. H. Coe, Alpha '19, spoke for the faculty; Clayton Ott, '34, and Clarence Harris '23, for the alumni; Robert McKim for the activities and Sam McKinney for the pledges.

Zeta Chapter is quite active in school activities. On the University Men's Student Council are James Smith and George Shadd. Riley Woodson is secretary-treasurer of the Engineering Student Council; Robert Williams, Preston Cole, and Pledge McKinney are the other members represented.

In Tau Beta Pi we have Carl Kindsvater, James Smith, Riley Woodson, William Carter, Ford Dickie, and Robert McKim. Riley Woodson is president of Sigma Tau; Robert McKim, William Carter, and James Smith are members.

In Scabbard and Blade we have Howard Miller as captain; Robert McKim, Riley Woodson, and Pledge Keith Willey as members. Howard Miller and Keith Willey are also members of Mortar and Ball. Robert McKim is president of Tau Nu Tau; Lloyd Christianson is secretary-treasurer; Riley Woodson, William Carter and Lewis Benz are members. Robert McKim is major in command of the Engineer Battalion of the R. O. T. C.; he is also business manager of the Kansas Engineer.

In Steel Key, Ford Dickie is president; Howard Miller, Edward Heter, and Lewis



BACK ROW—Lamm, Carter, Heter, Smithmeyer, Main, McDonnold, Benz, Brock, Russell
MIDDLE ROW—Miller, McKim, Kindsvater, Wilson, Stout, Woodson, Willey
FRONT ROW—Moreland, Christianson, Mills, Organ, McKinney

Benz are members. James Smith is chairman of the student branch of A. I. E. E.; Preston Cole holds the same position in the A. I. M. E. Robert Williams is vice-president of the A. S. C. E. Lewis Benz is treasurer of the A. S. M. E.; Keith Willey holds that position in the A. S. C. E.

Carl Kindsvater is managing editor of the *Kansas Engineer*; he is also a member of *Sachem*, senior men's honor society.

In Intramural Athletics Zeta Chapter is leading in horseshoes and handball; we have lost only one game of touch-football.

This Chapter deeply regrets the loss of Brother H. A. Rice, one of our founders, who died last July. We shall miss his kindly advice, his sincere friendship, and his deep loyalty.

LEWIS W. BENZ

November 2, 1934

Theta Stages Friday Luncheons



Twelve active members have returned to Theta this fall: Geoghegan, Quilty, Stringer, Boyd, Shaughnessy, Sinacori, Banchemo, de Carrera, Bose, Britz, Pope, and Spellman. The officers are: Regent, William

Geoghegan; vice-regent, Thomas P. Quilty;

treasurer, George S. Stringer; secretary, William Shaughnessy; scribe, Burleigh Boyd.

The Tau Beta Pi convention was held at Columbia this year and Theta Tau was well represented. Our rushing season was postponed on account of this and we are now in the middle of rushing. Quilty, Bose, and Sinacori were on the committee of arrangements for Tau Beta, and Geoghegan and Banchemo were initiated.



FRONT ROW—Quilty, Stringer, Shaughnessy, Geoghegan, Mason, Sinacori, Boyd
BACK ROW—Pope, Baumeister, Prof. Harrington, Bose, Gloster, Banchemo, de Carrera, Hinckley

Stringer, Geoghegan, Spellman, and Britz are members of the Senior Society of Dumbbells. Bose, Pope, and Quilty are on the Student Council. Bose, Boyd, and Spellman are on the year book committee. Spellman, Boyd, and Stringer are members of the unbeaten, untied, and unscored-upon Engineering Basketball team. (Three other teams have defaulted.)

Besides our regular business meetings, we hold regular Friday luncheons and occasional dinner meetings at which we endeavor to have two interesting speakers. One of these speakers addresses us on an engineering subject, the other speech being non-technical on a topic of current interest.

Iota Brother to Europe on a Mule Boat



Iota Chapter began the school year with eight actives and initiated the following ten men on November 8: D. W. Dutton, R. L. Fisher, W. G. Graff, L. W. Holtman, J. R. Hubbard, R. W. Johnson, G. O. Nations, G. T. Nolde, W. H.

Schwalbert, and J. C. Turk. After the initiation the brothers were honored with a banquet which proved to be one of the best ever held by this chapter.

The officers for the year are Regent O. W. Kamper, Vice-regent N. J. Gilsdorf, Scribe J. W. Ruwwe, Treasurer R. J. Knoll, and Corresponding Secretary H. D. Dallmeyer.

On October 26, Brother Vawter, Grand Treasurer, accompanied by his wife, stopped in Rolla on his way through to Fayetteville,

Arkansas, and a banquet was held in his honor. On his return November 1, he attended a meeting of the chapter and spoke to the members about the use of funds in our National Treasury.

Scholastically, Iota ranks third and is extremely active in all campus organizations. The honor list includes two men in Phi Kappa Phi, four in Tau Beta Pi, and three in Blue Key. Several men also hold offices on the Miner Board, Rollamo, and in the departmental societies. Two brothers are doing some outstanding work on the football field.

Our scribe took advantage of the opportunity to work his way to Europe on a mule boat this summer, the entire trip taking two months. At one of our earlier meetings he gave us an exciting account of his European experiences.

JOHN W. RUWWE

November 6, 1934

Speeches == Birthday Banquets == Speeches == Lambda



This fall Lambda Chapter started out with 15 members and five pledges. The names of the officers are as follows: regent, Biard Anderson; Vice-regent, Ray Bowen; Scribe, Maurice McKendrick; treasurer, Harold Greene.

We have held four meetings this year at which Brother W. E. Cope of the faculty who has just returned from M.I.T. entertained us with stories of the school and the Eastern United States during the first meeting, and Brother (Professor) Adams entertained us at another meeting with stories of the history of Great Salt Lake.

Tuesday luncheons are still being carried

on as they were last year. During the year several professional meetings have been held at which prominent men have been speakers.

On April 29, the Birthday Banquet was held and the new officers were installed. Brother Otto Herres gave a satisfying discussion of "Mining Under N.R.A. Codes" and Brother George W. Carter gave his paper, "The Engineer and His New Role." Brother Kennard, past Regent, gave his report on the Convention which was held in December.

All the new officers of the Engineering Society are Theta Tau men. Brother Biard Anderson is president, Brother Harold Greene, vice-president, Brother Joseph Miller, secretary-treasurer, and Brother Robert Woodhead, athletic manager.

MAURICE MCKENDRICK

November 7, 1934

Here It Is, Mu!



We are all deeply interested in the coming issue of *THE GEAR* and have been looking forward to its publication for the last half year.

Mu Chapter anticipates one of its most successful years with twenty-three active members returning to school. We are under the leadership of Regent Edward Boniface, Vice-regent Kenneth Daniel, Treasurer Carl Bragunier, Corresponding Secretary James Norman, Scribe Thomas Simpson, and Sergeant-at-arms Claude Linebery.

We have four men in Tau Beta Pi, five in Chi Beta Phi, and we also have several men in our chapter who hold fellowships in the various engineering departments.

We held our semi-annual smoker on November 6, and very interesting talks were made by Dean Davis, Dean of the Engineering School and Professor Williams. A large number of men were present at the smoker. We

took in twelve new pledges at the conclusion of this smoker.

Our present regent is one of the most outstanding men in the Engineering School. He is now a senior and was elected to Tau Beta Pi in his junior year. He is an aeronautical engineer and a member of the St. Pat's Committee.

We find that some of our most recent alumni are holding down very interesting engineering positions. Among our last year's graduates there is Robert Teague in the testing laboratory of the American Cast Iron and Pipe Company in Birmingham, Ala. Also, we find none other than Woodrow Cannon working for the Tennessee Valley Authority in Florence, Ala. Mu Chapter wishes you boys the best of luck. We are very sorry that we do not know what the rest of last year's graduates are doing and hope that you boys will keep in contact with us from time to time.

THOMAS SIMPSON

November 9, 1934

Nu Awards Plaque to Promising Engineer



Nu Chapter started the fall semester with 26 active members. These officers will continue in office for the present semester: regent, R. P. Hanna; vice-regent, W.

J. Brown; scribe, R. B. Roberts; treasurer, Prof. J. M. Daniels; corresponding secretary, C. E. Crede.

At the spring initiation the following men were initiated: W. Applegate, J. E. Born, A. R. Dervaes, P. H. Ditzler, L. W. Ingold, J. C. Latham, R. C. McMaster, H. J. Mitchener, A. E. Ralston, G. E. Simpson, and B. S. Westerman. H. A. McCullough has returned to school after an absence of a year.

Each May, during the Spring Carnival, Nu Chapter presents a plaque to the most promising Senior Engineer. The recipient of the award this year, who is chosen by a committee under the Director of the College of Engineering, was John E. Sayles, of the Department of Mechanical Engineering.

On October 30, a banquet was held to commemorate Founders' Day. Dr. Webster N. Jones, Director of the College of Engi-

neering, spoke on "The Relation of the Professional Fraternity to the Profession." An informal discussion was then held relative to some minor changes in the qualifications which are a basis of the Most Promising Engineer Award.

Nu Chapter is again well represented in the activities of the campus. Hanna is president of Tau Beta Pi which also numbers among its members Stafford as secretary, Crede as treasurer, and Roberts. Among the members of Pi Tau Sigma are Crede, president; Stafford, treasurer; Brown, secretary, and McCullough. Hanna is a member of Eta Kappa Nu. The Carnegie student branch of the A. S. M. E. has as its officers: Stafford, chairman; Born, vice-chairman, and Applegate, secretary. Dana is Tri-Publications editor as well as a member of Dragons, senior honorary, and Ralston is business manager of the Tartan, college newspaper. Roberts is Cadet Colonel of the R. O. T. C. while Hanna is a captain and Stafford a Lieutenant.

CHARLES E. CREDE

November 5, 1934.

Alumni Swarm at Omicron Housewarming



On October 14, 1934, Peter Bachus, Robert Melson, Merle Zalesky, Earl Stamos, John Perry, and Garland Robinson were initiated, this bringing the total number of the actives up to

eighteen. At present there are six pledges. The officers are Francis Cooke, regent; Gilbert Broders, steward; William Sherod, scribe; Phillip McClintock, vice-regent.

able distance of Iowa City. The Chapter received third prize in the Fraternity Decoration Contest for Homecoming.

Among the most outstanding men in the Engineering college are two Theta Tau men, Brothers McClintock and Sidwell Smith, who are mentioned elsewhere. Others worthy of mention are Brother Broders, advertising manager of the Transit, vice-president of A. S. of E., steward of Theta Tau, member of Scabbard and Blade, Union Board Committee, and S. A. M. E.; Brother Olney Perry



BACK ROW—Robinson, Marston, J. Perry, Zalesky, Melson, Bachus, Barnard, Thomas, Vestermark, O. Perry, Hamilton
MIDDLE ROW—Stiver, Sherod, Cook, Broders, Barton
FRONT ROW—Marsteller, Krouse

The chapter purchased a new house this summer at 804 North Dubuque street. The house formerly belonged to the Beta Theta Pi. The entire chapter is highly pleased with its new home, and so are those alumni who have seen the house.

During Homecoming, the fall party was given and it was a real success. There were approximately sixty-five couples present, and this included every alumnus within a reason-

is business manager of the Transit and a member of R. E. I.; Brother D. O. Marsteller is corresponding secretary of Theta Tau, secretary of Transit, secretary of A. S. of E., member of Program Committee for student branch of A. I. E. E.; Brother Cooke is regent of Theta Tau and member of Union Board.

DONALD MARSTELLER

November 4, 1934

Wuxtra! = Pi Has a Home of Its Own



It is true that Pi Chapter has a home of its own now. Closer organization and a realization of the true fraternal spirit have resulted. The house is full to capacity and an adequate income for its operation is assured. This must prove gratifying to Brother Harry Hammond, '35, who did so much towards getting us started. Brothers Grigg and Joachim, who are in business in Charlottesville, serve as our advisers.

The following actives returned to school this fall: Fitzpatrick, Adams, McGhee, Priestman, Edwards, Davis, Winston, Copper, Irvine, Kennedy, Francke, Ballard, Carter, White, and Daniel.

Pledged: Peter Ferrer, Madrid, Spain; J. M. Cowgill, Paulsboro, N. J.; H. J. Landis, Belleville, N. J.; P. F. Hurt, Belle, W. Va.; J. Y. Brown, Charlottesville, Va.; B. J. Gilchrist, Newburgh, N. Y.; E. L. Armentrout, Goshen, Va.; W. E. Caldwell, Washington, D. C.; J. B. McGaughey, Va. Beach, Va.; J. T. Rucker, Lynchburg, Va.; C. M. Gilbert, Charlottesville, Va. A good bunch, these!

Jack Swing, V. W. Starke and Glasgow Armstrong, who were pledged last year have

signified their intention of coming in this fall. Accordingly, they went through the informal initiation with this fall's pledges on November 10 and all will be formally initiated November 16.

The officers for this year are Regent W. L. Davis, Vice-regent L. W. Ballard, Scribe P. W. Fitzpatrick, and Treasurer-Steward W. R. Franke.

Our excitements and activities are not entirely confined to the fraternity. For example, in intramural touch-football we lost to P.E.P. and won from the Betas and S.A.E. Ballard, Edwards and Irvine are active in Tau Beta Pi; Irvine won the Tau Bete award of a handbook this year. Ballard belongs to the Raven Society and Edwards to the Glee Club.

On Homecoming Day, November 10, Virginia played host to the Washington and Lee football team. Pi threw open the house for inspection and entertained a large number of alumni.

Pi Chapter has been unanimously desirous of electing Mr. Frederick Tracy Morse to honorary membership in Theta Tau. Now that the alumni votes are in, he will be initiated some time in January, 1935.

W. L. DAVIS

November 10, 1934

Grand Regent Visits Rho



Rho Chapter now has a membership of ten. The process of graduation had left us with three members but seven new members were initiated last spring. The initiates are: C. N. Rogers, president of the student chapter of A. I. E. E., member of the Engineers' Council, Cadet Lieutenant of the R. O. T. C.; W. C. Harris, president of Radio Club, member of A. I. E. E.; T. O. Smith, alternate to the Engineers' Council; E. L. Roper, Junior Ring Committee, member A. S. M. E., Aero Society; M. S. Wilkinson, member A. S. C. E., Cadet Captain in the R. O. T. C.; T. T. Swain, A. I. E. E., and Cadet first lieutenant in R. O. T. C.; G. M. Jordan, A. I. C. E. and first lieutenant in R. O. T. C.

Officers for the year are: Regent, C. J. Maneri; vice-regent, C. N. Rogers; treasurer, R. W. Stephens; scribe, J. F. Abernethy.

It was our pleasure to have Grand Regent



BACK ROW—Swain, Stephens, Rogers, Wilkinson

FRONT ROW—Smith, Maneri, Harris, Roper

Coffman as our principal speaker at a smoker held in honor of prospective members on March 16, 1934. Approximately thirty attended this affair.

To climax our activities for the year a formal dinner and dance was held at the Carolina Pines club house on May 23. The members and the initiates had as their guests Col. J. W. Harrelson, now dean of admini-

istration of State College of the Greater University of North Carolina, Dean W. C. Riddick, head of the Engineering Schools and F. B. Turner of the faculty.

The chapter extended its deepest sympathy

to the family of one of State College's most beloved faculty members, Professor J. S. Whitner, head of Sanitary Engineering Department, who died October 11, 1934.

J. F. ABERNETHY

Athletic Bug Bites Sigma



Initiation of November 3 brings the active membership to sixteen with Joseph F. Sullivan and W. Allison Schaich. Initiation banquet will be held Sunday, November 4 at the house with Professor P. W. Ott as the main speaker.

Although at present we have only two pledges, we hope to pledge at least eight more men by the end of the year. Present pledges are James Visintine and Norman Shoewe.

A new policy of having a combined guest night and dinner meeting each Wednesday evening has been introduced. Outstanding speakers to date have been Dean E. A. Hitchcock of the Engineering College; Major C. I. McClure of the Military Dept. and Professor K. W. Stinson of the Mechanical Engineering Dept.

Among honorary and alumni members Sigma has seven faculty members.

Personal activities: Brother Charles C. Griffith is a Tau Beta Pi, president of the Engineers Council, secretary of Techniki, production manager of the Quadrangle Jesters and is one of the outstanding Engineers of the campus. Brother John Boylan is secretary-treasurer of Engineers Council. Pledge Norman Shoewe has been outstanding pitcher on the Varsity Baseball team during fall practice.

Sigma has a team in intramural football and bowling. Fair success and more fun have been obtained.

Present officers are: president, Arden R. Hacker; vice-president, Charles C. Griffith; secretary, James H. McFee; treasurer, Lyman F. Reuwee; corresponding secretary, Charles B. Smith.

CHARLES B. SMITH

November 3, 1934

Grand Treasurer Vawter is Guest of Upsilon



While Upsilon Chapter is small at the opening of this fall semester, due to graduation of its senior members last year, our group of seven actives has planned an extensive program for the coming year. Four

pledges will assist us in successfully developing these preparations.

Recent initiates are Claude H. Dyer, George L. Sansbury, and Harold W. Ward.

Officers for the year are: William H. Mapes, Jr., regent; Claude H. Dyer, vice-regent; T.

Burton Lewis, scribe; R. R. Chase, treasurer; Harold W. Ward, corresponding secretary.

It was our honor recently to have with us Brother Jamison Vawter, who helpfully criticized the work we are doing and encouraged us with information of the progress of some of our neighboring chapters. Professor W. B. Stelzner, advisor of the chapter, was also present at the meeting.

The chapter has had no social activities as yet, but it is customary to sponsor a dance late in the fall.

HAROLD W. WARD

November 3, 1934

Wedding Bells at Phi



Burroughs, H. G. Stech, N. Trbovich.

Brother A. W. Rankin has now completed his list of campus honoraries by being initiated into Sigma Xi. He is scholastically the highest rating man on the campus.

The total membership of Phi Chapter is seventeen, ten members and seven pledges. We intend to initiate five of our pledges in two weeks. The men to be initiated are: W. R. Zweig, T. W. J. McCreadie, J. E. Bur-

roughs, H. G. Stech, N. Trbovich.

Homecoming was attended by a large number of alumni and an informal dance was held in the evening.

Brother Hanning was recently married, and Brother Horstmann is engaged to be married in the near future. Brother Horstmann is now playing professional football with the Chicago Cardinals.

The officers of the house are: regent, N. R. Moser; vice-regent, G. B. Roberts; scribe, H. C. Scott; treasurer, L. D. Parsons; steward, L. R. Sedlar.

HARRY C. SCOTT

November 3, 1934



BACK ROW—Smethers, Horsman, Zweig, Trout, Corbin, McCreadie, Burroughs, Stech, Trbovich

FRONT ROW—Sedlar, Sietsma, Parsons, Roberts, Moser, Weimer, Rankin, Scott

Alumni Faithful at Chi



Founders' Day Banquet was held on October 21 this year instead of the 15th in order to have a larger turn-out of Alumni, made possible by the University Homecoming which was held on the 20th. There were 16 active members present out of the 17 who have returned to school this fall. There were also 16 alumni present. Brother C. C. Cornwall, Lambda '11, was the guest speaker of the occasion. We were fortunate in getting him down from Phoenix where he lives at 118 South Central Ave. He gave an interesting speech and an account of experiences with the Indian Emergency Conservation Service. Brother R. E. Heineman, Chi '26, served as toastmaster for the banquet. Other talks were given by Brothers Ken Cloud, Chi '31, W. A. Steenbergen, Chi '31,

and C. M. Powell, regent of Chi Chapter.

Many letters were read by Secretary Ring that were received from the alumni members who were unable to be present, one being from Brother Richard Othic, Chi '34, who now lives in Peru, South America. Another long-distance letter was received from Brother Waldo Huber, Chi '32, now in Germany. The speeches were brought to a close by Brother E. S. Borgquist, Lambda '11, who stressed the ideals and aims of Theta Tau.

Lambda Chapter took a very important part in our Founders' Day celebration, with Brothers Cornwall, E. D. Gardner, E. S. Borgquist, and Clinton Ring, who was a pledge there, all coming through with important parts on the program.

Chi is looking forward to a visit this fall from our beloved founder and Grand Scribe, E. J. Schrader, who has promised us a visit after our extending him an invitation to at-

tend our Founders' Day Banquet. Brother Schrader was on his way to Chi a couple of years ago when the majority of the banks closed throughout the country and he had to



BACK ROW—Gardner, Sloan, Keller, Bacoa, McNary, Paul

MIDDLE ROW—Borgquist, Houston, Ring, Raymond, Adair, Berra, Polk

FRONT ROW—Thornburg, Jimmerson, Dindinger, Powell, Kelly

turn back. We all hope no such national catastrophe intervenes this time.

This fall, Chi welcomes back Brothers

Thornton Phillips and Ed Fraps who have been out of school several years.

The initiates last spring were: Wm. Sloan, Ben Cody, John V. Kelly, Joe Stockdale, Henry Raymond, Felix Berra, Clyde Houston, and William Dindinger.

The officers for this year are: regent, Collins Powell; vice-regent, George Houston; treasurer, Frank Keller; scribe, Henry Raymond; secretary, Clinton Ring. Brother E. S. Borgquist, Lambda '11, is Chapter Advisor.

Chi is represented in Tau Beta Pi by Brothers Robert Bacon, president; George Paul, vice-president; Collins Powell, secretary; John Kelly and Ben Cody.

In the student branch of A. S. C. E. Brother Frank Keller is president and Clyde Houston is secretary-treasurer. In the Miners Society Brother Bacon is president. In Scabbard and Blade we have Brother Paul, William Sloan is a two letter track man.

Social Highlight at Psi-Founder's Day Dinner Dance



Active membership was quite low at Psi after graduation, but the chapter now has forty-three members of whom eleven are active. At a recent initiation, Alfred Bloom and John Cook

were added to the chapter roll.

Our officers for the year are: Robert Dietrich, regent; Dave Jones, vice-regent; George McCracken, corresponding secretary; Mel Williams, treasurer; Harold Hosea, scribe.

The Founders' Day dinner-dance proved the highlight of our social activities. Thirty couples were present, including Brothers H. Strock and E. McGlone of Gamma Chapter and Brother R. Schumann of Iota Chapter. Professor George L. Shue was a guest of Psi Chapter that evening. The affair was held at the Silver Bow Club on October 15.

Our members play no small part in the extra-curricular activities of the campus. Regent Dietrich is Student Manager of the Associated Students, Brother Trueworthy has been elected Member-at-Large of the Execu-

tive Committee, Brother Hosea holds the position of Assistant Manager of the Associated Students. Brothers Rabbitt and Wendell have been elected to the offices of president and secretary-treasurer, respectively, of the Anderson-Carlisle Technical Society.

Psi Chapter is looking forward to the completion of the new dormitory on the campus. Arrangements have been made for us to occupy the one wing of the building and this wing will include a chapter room, private dining hall, lobby and quarters for our members. Work is progressing rapidly and the fellows seem very much interested in its possibilities.

An initiation of the pledges is being planned for the first week in December, at which time a party will be given in honor of these initiates.

Dr. Perry and Professor MacEwan have shown much interest and have been of great assistance to the chapter this year, both having served on a number of committees.

HAROLD L. HOSEA

October 30, 1934

Omega has Football Team



Omega Chapter started the school year with twenty active members back and officially opened the season on Sunday, October 14 with

the initiation of nine new men. The Founders' Day and initiation banquet was held on Sunday evening, Oct. 14, at the Alex Johnson Hotel. James Fortchner, regent of Omega Chapter for last school year, acted as toastmaster. The new men initiated were:

George Swearingen, James Richardson, Wyndham Folds, Will Burleson, Orval Skog, Wm. Gremmels, Wm. Carey, John Dorwin, and Fred Davis. Three men, Keith McElwain, Donald Muckler, and Wm. Brandvold, were initiated at the spring initiation on March 26.

The present officers are as follows: regent, Richard Grow; vice-regent, Raymond Versaw; scribe, John H. Schipke; treasurer, Frank Bohac; corresponding secretary, Ralph Shane; marshal, J. C. Spencer; inner guard, Donald Gillmor; outer guard, Bertram Mulcahy; house manager, Richard Doolittle.

In football we are well represented, seven brothers receiving regular berths on the team, Mulcahy, Swearingen, McElwain, Purcell, Grow, Versaw, and Captain Schipke. Captain Schipke and Fortchner have been forced out

of the game for the remainder of the season by injuries.

Seven of our men are members of Sigma Tau, Brother Doolittle being president. The others are Grow, Buus, Berry, Schipke, Fortchner and Shane. Brothers Doolittle, Berry and Shane attended the national convention of Sigma Tau at Lincoln, Nebraska in September as delegates of the local chapter. Brother Grow is chairman of the Senior Council and Brother Rosenow is president of the junior class. Brother Berry is president of A. S. C. E.

Chapter inspection was made last April by Brother B. B. Boatright of Gamma Chapter at Golden, Colorado.

RALPH M. SHANE

October 30, 1934

Recent Initiates

BETA

- 371 Ian L. Reid, Ishpeming, Mich.
- 372 John U. Allen, Laurium, Mich.
- 373 Carleton C. Hascall, Marquette, Mich.
- 374 Henry L. Ringle, Three Rivers, Mich.
- 375 Edmund J. Korybalski, Grand Rapids, Mich.
- 376 Paul L. Harrington, Houghton, Mich.

GAMMA

- 441 George H. Adams, Denver, Colo.
- 442 H. LeRoy Beckman, St. Louis, Mo.
- 443 Robert L. Olund, Glendale, Calif.
- 444 Jack McKnight Pardee, Atlanta, Ga.

OMEGA

- 63 Keith McElwain, Yankton, S. D.
- 66 William Brandvold, Huron, S. D.
- 67 Donald Muckler, Rapid City, S. D.
- 68 John Dorwin, Gregory, S. D.
- 69 George Swearingen, Lakewood, Ohio
- 70 William Carey, Long Island, N. Y.
- 71 Wyndham Folds, Sioux Falls, S. D.
- 72 James Richardson, Lead, S. D.
- 73 William Gremmels, Sioux Falls, S. D.
- 74 Will Burleson, Lost Nation, Iowa
- 75 Frederick Davis, Rapid City, S. D.
- 76 Orvall Skog, Rapid City, S. D.

EPSILON

- 373 Galen H. Sturgeon, Lafayette, Calif.
- 374 Jack van Wyke, Berkeley, Calif.
- 375 Frederic R. Kelley, Tiburon, Calif.
- 376 Francis Earl Turner, Anaheim, Calif.
- 377 Vernon A. Isaacs, San Francisco, Calif.

- 378 Roscoe M. Smith, Adin, Calif.
- 379 Charles A. Lindsay, San Francisco, Calif.

ZETA

- 335 Wm. R. Carter, Omaha, Nebr.
- 336 Howard E. Miller, Lawrence, Kans.
- 337 George E. Shaad, Lawrence, Kans.
- 338 Edgar Lee Stout, Independence, Mo.
- 339 Robert I. Williams, Kansas City, Mo.

IOTA

- 307 Helmuth D. Dallmeyer, St. Charles, Mo.
- 308 August P. Koopmann, St. Louis, Mo.
- 309 James J. Murphy, St. Louis, Mo.
- 310 John Wm. Ruwwe, St. Louis, Mo.

LAMBDA

- 311 Blaine Watts, Murray, Utah
- 312 Harold F. Greene, Salt Lake City, Utah

OMICRON

- 192 Carl Hayden May, Des Moines, Iowa
- 193 Neil J. Stiver, Des Moines, Iowa
- 194 Herman S. Smith, Iowa City, Iowa

UPSILON

- 100 Harold W. Ward, Searcy, Ark.
- 101 Claude H. Dyer, Fayetteville, Ark.
- 102 George L. Sansbury, Neosho, Mo.

TAU

- 142 Richard H. Freyberg, New Rochelle, N. Y.
- 143 William E. Chamberlain, Syracuse, N.Y.
- 144 Allen R. Wescott, Lake Placid, N. Y.
- 145 Phillip S. Linscott, Baldwinsville, N. Y.

Alumni News

ALPHA

- W. H. EMMONS, Honorary, has published "On the Origin of Certain Systems of Ore-bearing Fractures" in the Technical Publications of Amer. Inst. of Mining Engineers.
- ROSSELL PROUTY, '12, is developing and equipping a gold mine in Honduras, Central America. Does that mean he will be selling gold bricks?
- J. C. O'BRIEN, '12, has moved to 3354-3/8 Rowena Ave., Los Angeles, Calif.
- W. E. HUBBARD, '17, recently moved to 5402 Caroline St., Houston, Tex.
- L. L. FOLEY, '18, has published "Gas-lift in Prorated Fields" through Amer. Inst. of Mining Engineers.
- LESLIE HALLIDAY, '21, is (1) a deputy assessor of real estate in Minneapolis and (2) a newlywed of some months standing.
- B. W. GANDRUD, '21, has published in the Reports of Investigation No. 3225 of U. S. Bureau of Mines "The Flotation of Alabama Graphite Ores."
- HUGO ERICKSON, '26, is Projects Engineer for the state highway dept. in Minneapolis.
- It is reported that the following three men wangled themselves into wedlock during the past year: Fred C. Teske, Jr., '27, a deputy assessor of real estate with the City of Minneapolis; Harold Lockhart, '28, employed by the Bell and Gasset Co.; Win Hindermann, '29, in the bituminous testing laboratory of the Minnesota State Highway Dept.
- CLIFF ANDERSON, '32, John Moore, '24, Rudy Hanson, '31, Jim Colvin, '14, Chet Marshall, '23, Ed Furch, '31, Seth Witts and Bob Kranzfelder, '27, are all working for the Northern States Power Co. in the Twin Cities.
- CLARENCE KUTZ, '30, works for the Freeport Sulfur Mines at Happy Jack, La.
- CAROL ELLIOTT, '30, is in charge of the Municipal Gas, Light and Power Plant at Austin, Minn.
- ADOLPH RINGER, '30, with the Ingersoll Rand Co. in New York, was through recently on a vacation and announced his plans for approaching marriage. What's lacking—the ring or the girl?
- IRVING SOMMERMEYER, Ex. '31, is a pilot with the United Air Lines. One of these fellows who can't keep his feet on the ground.
- BOB RAMSDELL and RUDY HANSON of the class of '31 have announced births in their families. Yes, their first.
- CLIFFORD O. ANDERSON, '32, is living at 1054 Argyle, St. Paul, Minn.
- JIM DOWD, '32, and MARTY AGATHER, '31, are with the Waters Ginters Co.
- HERB WILLOX, '32, is back home in Duluth, Minn., after an expensive no, no!—extensive trip to the west coast.
- TED NYLUND, Ex. '33, is a dredging inspector on the Mississippi River for Uncle Sammy.

HENRY RAHN, '33, is asst. chemist with the Pittsburg Plate Glass Co. at Corpus Christi, Texas.

GEORGE BRIMHALL, '33, has left to attend the Boeing Aeronautical School at Oakland, Calif.

"CHUCK" BRITZIUS, '33, is working in St. Paul for the Hall Testing Laboratories.

LARRY OBERG and HARLUFF PETERSON, both '33, are working for the Freeport Sulfur Mines at Happy Jack, La., along with Brother Kutz.

MARVIN SEDOM, '33, is studying anatomical engineering. At least he is

attending the U. of M. School of Medicine.

FINLEY LECOUNT, '34, is catering to hamburger eaters by way of earning a living.

WES JOHNSON, '34, is in the employ of the Hall Laboratories in St. Paul.

SID MITCHELL, '34, is an asst. county engineer in St. Paul.

ROGER BOSSUN, '34, is working for the Goodrich Rubber Co. at Akron, Ohio.

BOB GRAEBNER, Ex. '34, is with the Farm Credit Corp. He is another of those has-been single men.

BETA

An honorary alumnus, James Fisher, Professor of Math. and Physics at Michigan Tech. and two other alumni, Roy W. Drier and Corbin T. Eddy, both Associate Professors of Metallurgy, recently received distinguished honors from the college. Professor Fisher, of the class of '93, was awarded the degree of Doctor of Science, while Professors Drier and Eddy each received the degree of Doctor of Philosophy and are the first men to be so honored by the Michigan College of Mining and Technology. These men have always proved themselves to be loyal alumni of Beta, which makes us doubly glad to see them so rewarded.

JAMES TREMBATH, '08, is supt. of the Alaska mine at Pike City, Calif.

CETH D. PEACOCK, '09, is the special representative of the Hercules Powder Co. in Joplin, Mo.

T. J. WELCKER, '11, has joined the executive staff of W. F. Snyder & Sons, 208 Felt Bldg., Salt Lake City. This firm operates a large number of important mining properties.

E. H. Snyder, '12, is president and a number of other alumni are in its employ at Manning, Utah, and Pioche and Bristol, Nevada.

C. G. THIELICKE, '12, is now Asst. Gen. Mgr. of the Lake View and Star, Ltd., Fimiston, Western Australia.

JOE DAVID, '15, is engineer for the Cardinal Mining Co. at Bishop, Calif.

C. E. MILLS, '15, has published "Ground Movement and Subsidence at the United Verde Mine" through American Institute of Mining Engineers.

R. W. DRIER, '21, was recently appointed Lt. Commander in the U. S. Naval Reserves and has been on the U. S. S. *California* during the August naval maneuvers.

W. O. VANDERBURG, '23, has published in Information Circular No. 6774, U. S. Bureau of Mines, "Leasing System as Applied to Metal Mining."

HERBERT C. WEED, '25, visited

Houghton during the summer from Arizona.

THEODORE A. NILSON, '27, is now employed by the Ingersoll-Rand Co. in Pittsburg.

LYLE TONNE, '28, is now teaching at the Franklin School at Hancock.

Several alumni were overtaken by matrimony in Houghton during the summer. They are: Stanley Gaynor, '31, whose bride was Miss Charlotte Watchorn; Joseph Pepin, '32, who married Adele Verville of Hancock, Mich.; and Julius Becker, '29, who married Antonnette Jolley.

DON SMITH, '31, returned to Tech during the summer to the course of instruction in surveying.

CHARLES M. BAKER, '32, has as his present address, Cerro de Pasco Copper Corp., Cerro de Pasco, Peru, S.A.

KEITH SPENCER, '32, is working in

No. 1 mine of the Combined Metals Reduction Co., Pioche, Nevada.

WM. R. ATKINS, '33, is employed by the Colorado-Duluth Co., Aspen, Colo.

CLYDE WILLIAMS, '33, may be addressed at 1106 Ogden Ave., Menominee, Mich. He has heard from Brother Werkowski who is assistant purchasing agent for the Globe Union Mfg. Co., Milwaukee, and Brother Putnam who is employed by the Imperial Oil Co., Ltd., of Canada.

JAMES S. WESTWATER, '34, is located at 1021 S. Elm St., Casper, Wyo.

JOHN M. SANABRIA, '34, is assisting his brother in the demonstration of television apparatus in Chicago. His address is 6225 North Washtenaw, Chicago, Ill., c/o U. J. Sanabria.

GAMMA

W. VAL DECAMP, '08, is now manager of the Cardinal Mining Co. at Bishop Calif.

R. M. WHEELER, '08, is general manager of the Gold King Mine at La Plata, Colo.

W. C. DOUGLASS, '11, who has been assistant manager of the Auburn-Chicago Mining Co. at Penryn, Calif. has moved to Hedley, B. C. to become general manager for the Kelowna Exploration Co. This company recently acquired the Nickel Plate Mine and is preparing for production.

J. R. SHANLEY, '15, lives at 150 Roycroft Ave., Long Beach, Calif.

LINCOLN EHNBOHM, '17, is manager of the Piermont Mining Co. at Aurum, Nevada.

ERNEST B. BUNTE, '20, is metallurgical supervisor for the Bethlehem Steel Co.

JAMES A. CLARK, '21, is general superintendent of the Lago Petroleum Co. in Maracaibo, Venezuela. He spent the summer visiting in the United States.

Also in Venezuela is John A. Poulin, '21, who was married on August 11, 1934, to Miss Anne Isabelle Roach of Kingston, N. Y. He is geologist for the Venezuela Petroleum Corp. at Caracas.

DONALD C. GREGG, '22, is with Cia. Real del Monte y Pachuca, Hacienda Loreta, Pachuca, Hidalgo, Mexico. Nothing can be done about the globe-trotting tendencies of Gamma alumni, but why can't they

- pick places that are easier to spell?
- LUTE J. PARKINSON, '22, can be addressed at P. O. Box 4565, Johannesburg, Transvaal, South Africa. He is asst. consulting engineer for the Anglo-American Corp. of South Africa, Ltd. For several months past, Brother Parkinson visited in the States.
- P. M. SHERIGER, '23, is with the Ingersoll Rand Co. in Salt Lake City, Utah.
- MONTY BUDD, '24, spent a vacation in Denver and Golden not long ago. "Monty," formerly Asst. Sec'y of the Alumni Assoc. and editor of Mines Magazine, is now associate editor of the *Explosives Engineer* of the Hercules Powder Co., Wilmington, Del.
- E. E. LINBURG, '24, is now manager of the Indiana Gas Utilities and his address is 410 S. 18th St., Richmond, Ind.
- HOMER A. GODDARD, '25, is with the Gulf Refining Co. in Pittsburg, Pa.
- D. C. FROBES, '24, recently took his master's degree in Ore Dressing Microscopy at the University of Utah. He is with the Utah State Highway Dept. and his address is 1059 East South Temple St., Salt Lake City.
- JOE MCNEIL, '28, who is with the Taku & Obosbo Mines, Ltd., Gold Coast Colony, West Africa, was seriously injured in an accident and was removed to a hospital in London. He is now reported to be recovered.
- THOMAS L. WELLS, '29, has been made manager of the Matachewan Consolidated Mines, Ltd., and he is located at Matachewan, via. Elk Lake, Ontario, Canada.
- R. L. WELLS, '29, is with Ingersoll-Rand Co. at the Seattle office, but makes his headquarters at 112 S. W. Pine St., Portland, Ore.
- WALTER H. SWICK, '29, was married on May 31, 1934, to Miss Marilyn Maxine Kirby, of Georgetown, Colo. They live in Alamosa, Colo., where he is Lt. in CCC Camp F-30-C.
- MAX C. SCHEBLE, JR., '30, also succumbed, and was married to Miss Winifred Dillon, of Denver, Colo. on August 6, 1934. They will make their home in Marshall, Texas, where he is supt. of the Sandow Lignite Co.
- KENNETH BOWIE, '30, is with the United States Geological Survey in the Tri-State Field. His present address is 106 G St., N. W., Miami, Okla.
- J. C. WILKERSON, '31, is Field Supervisor for The Texas Co. with headquarters at Cutbank, Montana.
- HENRY T. PUTZ, '32, has joined the staff of the Great Western Gold Mining Co., Reitzburg, O. F. S., South Africa.
- JOHN COOLBAUGH, '32, has been appointed Mill Supt. for the Clear Creek Gilpin Ore Co., Idaho Springs, Colo.
- RALPH JOHNSON, '33, was married on September 1, 1934, to Miss Edith Jane Sturgeon of Denver. They are living at 4349 Saline St., Pittsburg, Pa. where he is in the metallurgical dept. of the Carnegie Steel Co.
- R. W. HARRISON, '33, is Office Engineer for the Group No. 1 Oil Corp., a subsidiary of the Continental Oil Co. He is located in the camp of Santa Rita but his mail address is Box 488, Texon, Texas.
- SHELDON J. SCHNARS, EX. '34, is working for Hamilton & Gleason, Contractors, on the Bear Creek Canyon Road, near Starbuck, Colo.

EPSILON

- RANDOLPH R. VAIL, '11, who has been on the "lost" list for many years is Underground Manager of the Consolidated Main Reef & Estate Ltd., P. O. Box 2, Maraisburg, Transvaal, South Africa.
- LESTER C. UREN, '11, has published a book entitled "Petroleum Production Engineering." This is the first of a series appearing with two volumes and deals with oil field development.
- R. C. EISENHauer, '13, is consulting engineer for the Alaska mine at Pike City, Calif.
- DR. PARKER D. TRASK, '17, is working at Bacon Hall, Berkeley, on research sponsored by the American Petroleum Institute, and the U. S. G. S.
- ARLO M. SPERRY, '18, is superintendent for the Fresno Corp., Fresno, Zacatecas, Mexico.
- LAWRENCE K. REQUA, '19, is supt. of the West Mercur Mine, at Mercur, Utah.
- HUBERT L. PASCOE, '20, is general manager of the El Canada Mines, Inc., Tuquerres, Narino, Colombia, S. A.
- V. A. BRUSSOLO, '20, is with Cia. Real del Monte y Pachuca, Apartado No. 3, Pachuca, Hidalgo, Mexico.
- P. J. SHENON, '22, is with the U. S. Geological Survey, 303 Federal Building, Salt Lake City, Utah. He has recently collaborated with Mr. J. C. Reed in publishing "Geology of the Elk City Mining District, Idaho," in Technical Publication No. 562 of American Institute of Mining Engineers.
- HUBERT R. THORNBURGH, '22, is with the Shell Petroleum Corp., Houston, Texas.
- SCHUYLER B. HENRY, '23, at present on geological work in Saudi Arabia, was married in Beyrouth to Miss Annette Pierre Rabil on August 13, 1934.
- ALLAN PROBERT, '24, is Supt. Lead Refinery, U. S. S. R. & M. Co., Midvale, Utah.
- DR. F. E. TURNER, '27, is Professor of Paleontology at the Texas College of Agriculture and Mechanic Arts, College Station, Texas.
- FRANK R. MCQUISTON, JR., '29, has an office as mining engineer in Jackson, Amador County, Calif.
- AL FITCH, '29, writes that he is working at mining and geology with the Gold Coast Selection Trust Co. Ltd., Box 55, Dunkwa, Gold Coast Colony, British West Africa. He keeps a hunter on his pay roll and has a boy to crack rocks for him.
- FRAN FREDRICKS, '30, is a consulting engineer at Georgetown, Calif.
- MIKE DE LAVEAGA, '30, is living in Orinda, Calif.
- SHERMAN CORNWALL, '32, married Miss Marion Eells at Ross, Calif., on September first.
- ROBERT VAN FLEET, '33, is an Apprentice Petroleum Engineer, Route 1, Box 338, Orange, Texas.
- JOHN DOMERCO, '34, got a job as Petroleum Engineer in the Producing Division of the Standard Oil Co. His address is Box 397, La Habra, Calif.
- Also with the Shell Oil Co. is Jack Hays, '34, but in Iowa, Louisiana.
- TED JOHNSON, '34, is working at the Sulfur Bank Mine, Lake Co., Calif.
- GEORGE RISTREM, '34, is at the Silver Bar Mine, Mariposa Co., Calif.

GEORGE SCARFE, JR., '34, is in Baguio, Philippine Islands.

PAUL S. PUSTMUELLER, '34, is living at Ventura, Calif., R. D. 2, Box 527. He is with the Shell Oil Co.

ZETA

Many of our alumni have been back to spend the week-end with us. Among them are: Maurice Bruzelius, '33, Clayton Ott, '34, Paul Dwyer, '33, Charles Clutz, '32, Gene Manning, '33, Bill Hardesty, '32, Charles Spahr, '34, George Cash, '28, Wendel Wyatt, '34, Glenn Hands, '34, Kenneth McMurray, '30, Dana Pratt, '33, and Clair Wood, '32.

The stork has been working according to code regulations. He has brought four baby girls since last spring to Zeta alumni; one to Wendel Wyatt, another to George Benz, '25, the third to Emil Kindsvater, '23, and the fourth to Clair Wood.

JACK WORNER, '31, recently took that fatal step; he married Helen Hawkins, of South Bend, Indiana. Congratulations, Jack.

BILL HARDESTY is living at McPherson, where he is working for Phillips Petroleum Co.

CHARLES CLUTZ is now working in New York for Eastman Kodak Co.; his address is 52 Parkdale Terrace, Rochester, N. Y.

PAUL BOREL, '34, is working for the Sun Oil Co. in Toledo, Ohio; you can find him at 902 E. Broadway.

DANA PRATT, who has received a degree in engineering and in music is operator for radio station WIBW in Topeka, Kansas; Dana spends some of his spare moments at 2235 Pennsylvania Ave.

CHARLES SPAHR is working for Standard Oil Co. at their Sugar Creek Refinery; his address is RFD No. 2, Independence, Mo.

WENDEL WYATT, and GLENN HANDS are assistant geologists for the state of Kansas; Glenn is staying at the house when working out of Lawrence.

ETA

FREELAND H. LESLIE, '14, is in business as the Leslie Welding Co. on the west side in Chicago, Illinois.

ROBERT W. ROGERS, '26, is living in Leominster, Mass.

DAVID SHEPARD, '26, and RALPH JOPE, '28, have gone to extremes in new addresses, Brother Shepard having moved to 82 Champ Elysees, Paris, and Brother Jope to 11 Valley Road, Winchester, Mass.

JOHN C. MELCHER, '28, is with Leeds & Northrup in Philadelphia, Pa.

PAUL JOHNSON, '28, is with the Gen-

eral Electric Co. in Schenectady, N. Y.

THOMAS S. WOODS, '28, is asst. to the plant manager of the Pyrex Division, Corning Glass Co., Corning, N. Y.

J. F. BENNET, '30, is with Goodyear and lives at 715 East Butchel Ave., Akron, Ohio.

H. S. D. BOTZOW, '30, was married on August 1, 1934, to Miss Sara Bell Strain in Great Falls, Mont. Their address is 362 Heywood Ave., Orange, N. J.

THETA

- JOHN F. PARK, '17, has changed his address to Highland Hall, Rye, New York.
- JOHN E. NORTON, '21, has been made chief engineer of the mining loan branch of the RFC, where he will find use for his wide experience in mines of western U. S. and South Africa. His address is 1825 H St., N. W., Washington, D. C.
- DON O. NOEL, JR., '29, is living at 938 Salem Rd., Townley, N. J.
- JOHN RATHMACHER, '31, is employed by Nicholson and Galloway, specialists in roofing and water proofing.
- GEORGE WILKINS, '31, is in the research department of the Dupont Viscoid Co. at Arlington, N. J.
- CHARLES J. MASON, '32, is with the Anacosta research laboratories on storage battery work. He will join the General Electric Co. at Schenectady in the spring.
- H. B. HEFFELFINGER, '32, is with the Brooklyn Union Gas Co.
- Among '33 alumni are: Robert Brown who is with the real estate firm of William A. White and Sons of New York City, Richard Ludeman who is employed by the U. S. Coast and Geodetic Survey at New York City, William Stringer with the Sheffield Farm Co. doing process development and research, and Henry A. Voorhis with the General Electric Co. at Schenectady, N. Y.
- ARTHUR J. GLOSTER, '34, is doing chemical research at Columbia.
- RICHARD O. A. PETERSEN, '34, is employed by Proctor and Gamble Co. at Cincinnati, Ohio.
- EDWARD LYLE RAUN, '34, is working for the Tidewater Oil Co. at Bayonne, N. J.
- WILLIAM B. PEGRAM, '34, is with the Sperry Gyroscope Co. in Brooklyn.
- LEO J. RICONDA, '34, works for the Safety Car Heating and Lighting Co. at New Haven, Conn.
- WINTON A. TICKNOR, '34, is with the Corning Glass works at Corning, N. Y.

IOTA

- GUY V. MARTIN, '23, is installing equipment for amalgamation and concentrating tests in his laboratory in Albuquerque, N. M.

KAPPA

- THOMAS C. SHEDD, honorary, and Professor of Structural Engineering at the University of Illinois, has recently published a text book on "Structural Design in Steel."

LAMBDA

- Correction: Brother R. A. Hart, '07, writes that he is not connected with the CWA, as reported in the alumni notes of last issue, but is State Engineer for Utah, Public Works Administration. Likewise, Brother Roscoe Van Liew, '33, is Resident Engineer-Inspector.
- A. G. RICHARDS, '05, is still with Caldwell & Richards in the Temple-

ton Bldg. here in Salt Lake. Alton Sorenson, '26, is with him.

GEORGE F. STOTT, '15, has moved back to Eureka, Nevada, where he is in charge of the Diamond and Excelsior mines being operated by the Eureka Prospect Co.

M. J. ROCHE, '19, is Mine Supt. for the Hudson Bay Mining & Smelting Co., Ltd., Flin Flon, Manitoba, Canada.

WILLIAM COPE, '22, is on leave of absence from the faculty here and is attending the Mass. Inst. of Technology. We expect to see him return with a Doctor's degree next fall.

FRED THACKWELL, '28, left for South America on a job recently.

BROTHERS CORTNEY CAMPBELL '28' DON BURNETT, '31, PHIL ELSEY, '32, are running an engineering office here in the city. We hope it is running.

BROTHERS GEORGE W. CARTER, past regent of '33, S. CLARK JACOBSEN, past scribe of '33 and past vice-regent of '34, and L. C. KARRICK, '17, are completing some very valuable research work on "Treatment of Utah Coals by Low-Temperature Carbonization." They have prospects of founding a very valuable industry for Utah as well as the rest of the U. S. for the future oil, gas, and "smokeless fuel" supply. They are now getting appropriations from the FERA to build a plant here on the campus. They have 300 tons of fuel to sell already. It surely sounds "hot" and we wish them success with it.

BROTHERS GEORGE JONES, '30, and OTTO DUKE, '22, have been our instructors here for two years filling Brother Cope's shoes. Unless some-

thing happens we will lose them this year.

REED FERGUSON, '31, is working with his father contracting in the Spanish Fork.

LEE ERVINE, '31, is also working with his father, but in the roofing business. We hear he was married last year. Congratulations!

MELVIN LUNDBERG, '31, is an engineer for the Power Company in Vernal, Utah.

JAMES ORR, '31, is in the gold mining business in Wyoming. There still must be some gold in the world.

EUGENE MERRILL, '30, is working for the U. S. S. R. & M. Company at Lark, Utah.

We understand Brother Waine Turpin, '30, is in Arizona, and further, that he is married and has a child.

KENNETH CROPPER, '31, is in Germany on a Latter Day Saints mission.

BILL MARSHALL, '32, is working as a metallurgist for the Manning Gold Co. which is owned by Ed Snyder of Beta Chapter. Brother Marshall is also working on the Pledge Manual for Theta Tau.

JOHN O'NEIL, '32, is working for a mining company in Park City.

We are proud to hear that Brother Fred Coffman, Lambda '15, was re-elected Grand Regent.

We hear that Brother Charles A. Buell, Ex-Regent '32, is married. We don't have his new address.

ROBERT HALES KIRKMAN, '33, is living at 1958 Co. Zoological Park, Tupman, Calif.

WALTER PRICE and PAUL WOODRUFF, '33, are working here on the campus under the FERA.

HUGH THOMSON, '33, is working as an oil tester at the Utah Oil Co.

WILLIAM OTTENSTEIN, '33, is attending the Boeing School of Aeronautics in Oakland, Calif.

ALBERT OLSEN, '33, is running a gold mine in Montana. We hope "thar's gold in them thar hills."

MU

ROBERT TEAGUE, '34, is working in the testing laboratory of the American Cast Iron and Pipe Co. in Birmingham, Ala.

WOODROW CANNON, '34, works for the Tennessee Valley Authority in Florence, Ala.

NU

T. F. LOUGHRY, '24, is District Sales Mgr. of the Surface Combustion Corp. and is located in New York City.

ARTHUR F. WESTON, '25, is Mgr. of the Cincinnati Branch of the Morse Chain Co.

JOHN D. JAREMA, '25, is Asst. Chief Engineer for the Andian Nat'l Corp., Ltd. He is located at Cartagena, Colombia, S. A.

DORR M. SHEPPARD, '28, is cashier and office manager for the Northwestern Mutual Life Ins. Co. in Pittsburg.

GEORGE M. WILE, '29, is with the Assoc. Factory Mutual Fire Ins. Co. at Cleveland, Ohio. He was married to Miss Sally Kimball of Boston in Littleton, Mass., on Oct. 3, 1933.

JAMES G. KUESTER, '29, is Asst. New York Sales Mgr. for the York Ice Machinery Corp., Brooklyn, N. Y. He announces the arrival, on April 16, 1934, of Jimmie, Jr.

JOHN W. LOUMA, '29, is Iron Roll Metallurgist with the Hubbard Steel Foundry Co., in East Chicago, Ind.

R. R. GALBREATH, '30, is an electrical engineer with the Bell Telephone Laboratories, Inc., N. Y. C.

MILES A. KINLEY, '32, after having received his master's degree at Carnegie in 1933, on "An Investigation of Automobile Wind Resistance" is

employed as research, design and test engineer in the General Motors Research Laboratory, Detroit.

HARRY P. MILLER, '33, is teaching algebra in the Brooklyn Polytechnic High School. He has been attending Pratt Institute Evening School in preparation for the N. Y. State Professional Engineers' Exams.

W. M. A. SMITH, '33, is a student engineer with the General Electric Co. in Schenectady, N. Y.

WILFRED R. UFFELMAN, '33, is in the employ of the Goodyear Tire & Rubber Co. at Akron, Ohio.

ROBERT FISH, '33, is a Sales Asst. at the Westinghouse Electric and Mfg. Co., East Pittsburg, Pa.

HENRY S. CARR, '33, is employed by a trucking concern in Los Angeles, Calif.

CHARLES D. BURTON, '34, is with Burton Explosives, Inc. at New Castle, Pa.

HARVEY T. HARROD, '34, is registered in the Graduate Student Sales Course at the Westinghouse Electric and Mfg. Co. at East Pittsburg, Pa.

HENRY C. WESTIN, '34, is associated with the Education Dept. at the same place.

JOHN M. HARVEY, '34, is affiliated with the Harvey Electrical Repair Co. in Punxsatawney, Pa.

OMICRON

CHET MEADE, '23, has finished his internship at Montreal Children's Hospital and is thinking of going to California. Brother Meade says he has specialized in children's work and wants all the married brothers to do their part now.

KENNETH WEIR, '24, and DICK VAN GORP, '26, were welcome visitors at the Chapter house this fall.

R. W. VAN VELKINBURG, '25, has been transferred from Chicago to Bethlehem, Pa. His new address is 623 15th Ave., Bethlehem, Pa.

DICK VAN GORP, '26, is back with the Chicago Sanitary District.

THE GEAR editors are now on a par as regards future Theta Tau material. Brother Mercer has been grooming his son for this bright future for a number of years. Now Brother Howe has a son, born last July, who is expected to make good Theta Tau stuff.

MYRON LITTLE, '26, sent us an announcement explaining his absence from the Housewarming. He was busy rushing a future pledge named Richard Frederick Little born October 26.

WALDO TOWNE, '27, breaks out with two kinds of news. August 5 marked the arrival of a new Towne, Donna Lee by name. Brother Towne is taking graduate work in Sanitary Engineering on a Rockefeller Foundation Fellowship at Harvard, where his address is 60 Kirkland St., Apt. 6, Cambridge, Mass. He is on leave from the S. D. Dept. of Health and will return there next July.

DICK AUSSIEKER, '27, out in California, has changed his name to Armstrong with the approval of the courts of that state and he also

changed the name of Miss Gertrude Boggs to Armstrong at Santa Barbara last fall. In order to continue the publicity Brother Armstrong announces the arrival of a daughter on June 5. He is living at 206 E. Alvarado St., Pomona, Calif.

Could Brother Meade complain of lack of cooperation?

BROTHER JOHN FOLWELL, '27, has been receiving well deserved congratulations lately on his appointment as Ass't. Supt. of the Chemical Plant at Kodak Park. Brother M. J. Reid, '28, is also starting on a new job as Engineer for the same chemical plant.

R. I. CLAASSEN, '31, and D. McCANN, '29, received their Ph. D. degrees in chemistry this spring at Iowa and W. P. Munro received his at Princeton. Brother Munro has gone to work for the Calco Chemical Co. in Bound Brook, N. Y. Brother Claassen says he is working for a brewery in Peoria, Ill., but to date he has not produced any samples to prove it.

LEO ASCHENBRENNER, '31, is teaching school in Dysart.

The U. S. Army Engineers have been strengthened lately by the addition of another 25% of our Chapter. The names are: L. W. Kehe in Hannibal, Mo., F. W. Ashton and Emil Rausch in Rock Island. Recent transfers within the corps are Brothers J. S. Meyers to Rock Island, F. W. Edwards to Zanesville, Ohio, and Frank Wells, '31, to Dubuque. Brother John G. Gearheart is in the Canton, Mo. U. S. Eng. Off.

GERALD YOUNG, '32, married Margaret W. Veitch of Casper, Wyo., on Nov. 3, 1934, in Omaha, Ne-

braska. Since he and Brother Phelps have been in business in Chicago only since February, this news seems to indicate prosperity.

The Rochester contingent has been strengthened recently by the addition of Eugene Clearman, '33, who is working in the Industrial Economy Dept.

of the Kodak Park Works, Eastman Kodak Co. along with A. I. Hess, '29. Wm. Jones, '34, and John Pritchett, '34, dropped in on them for a day and went on to Buffalo, N. Y. where they have both landed jobs with the National Analyn & Chemical Co.

PI

MAITLAND A. WILSON, '24, lives at 530 N. Maple Ave., Greensburg, Pa.

THOMAS H. HENDERSON, Ex. '24, is a city engineer in N. Y. C. and lives at 126 E. 34th St.

M. B. McDAVITT, '24, is with the Bell Telephone Laboratories and lives at 463 West St., New York City. He reports a son born October 30, 1934.

JOSEPH P. MOORE, '25, is at Camp NA-1, CCC, Washington, D. C.

T. M. LINVILLE, '26, is a Motor and Generator Engineer in that Dept. of General Electric Co., Schenectady, N. Y.

EDWARD C. WISE, '27, is employed by General Electric in Schenectady and lives at 1 River Road.

HARRY R. HOLT, '29, works for the New York Edison Co. in New York City and lives at 8609 Elmhurst Ave., N. Y. C.

LAWRENCE R. QUARLES, '29, is an instructor in electricity at U. of Va.

IVY D. CARTER, Ex. '29, is a specialty salesman for Standard Oil Co. of New Jersey and has his headquarters in Richmond.

HAROLD S. HARWOOD, Ex. '29, is a member of Harwood-Nebel Const. Co. doing Gov't Const. work in Washington D. C.

GILFORD G. QUARLES, '30, is teaching physics at Mercer University, Ma-

con, Georgia. He is reported to have been married recently.

D. STAFFORD KELLY, '31, is in the office of the City Engineer at Alexandria, Va.

WILSON B. MICHIE, '32, is manager of Charlottesville Supply Co., Charlottesville, Va.

S. LEWIS LIONBERGER, '32, works for the Bureau of Public Roads, Luray, Va.

T. J. LoCASCIO, '32, has recovered his health after 10 months of hospitalization.

ASHTON L. GODLEY, '33, is an area engineer with DuPont Dyeworks Const. at Carney's Point, N. J.

WM. DUNNINGTON, '33, is an electrician at Belle Alkali Co. in Va.

JACK DOSWELL, '33, is with a C. and O. R. R. Surveying party.

JOHN S. GLUNT, '34, is practicing engineering and is surveying farm land near Pedlar Mills, Va.

FRANCIS L. ALLEN, '34, is teaching at Fairfield, Va. High School.

HARRY M. HAMMOND, '34, lives at 381 E. Piccadilly St., Winchester Va.

HOLMES D. HARPER, '34, is an electrical engineer with the Virginia Public Service Co. and lives in Hagerstown, Md.

RHO

- W. V. BAISE, '20, has been appointed Chief Engineer for the N. C. State Highway Commission.
- L. G. ATKINSON, '33, is working for Westinghouse Electric Co.
- M. D. HOUSE, '33, is working for Greenville Tobacco Co. Rufus Nims, '34, is also working for a tobacco company in Wilson, N. C.
- JOE PLEASANTS, '33, is selling insurance in Durham, N. C.
- BORIS PETROFF and L. D. MURPHY, '33, are with the Coast Geodetic Survey at Raleigh, N. C.
- W. M. BOYD, '34, is in Oregon with Niagra Light and Power Co.
- J. W. COFFEY, '34, is employed by the CCC at Globe, N. C.
- DICK BRADSHAW, '34, is working for his dad, who is a contractor in Salisbury, N. C. W. F. Sledge, '34, is with a contractor in Virginia.

CHI

- LOUIS O. FISCEL, '26, is county engineer for Pinal County. He honored Chi by being toastmaster at last spring's initiation banquet.
- EARL BENNET, '30, is with the Metropolitan Water District of Southern California.
- OTTO K. MANGUM, '30, is manager of Arizona Edison Co. at Gila Bend, Arizona.
- JOHN L. ANDERSON, '30, is purchasing agent for the University of Arizona.
- H. T. PEARSON, '30, is stationed at the U. S. Magnetic Observatory in Tuscon, Arizona.
- JOHN W. MONTGOMERY, '30, has just arrived in Tuscon to take a position with the U. S. Geological Survey on stream gaging work.
- R. L. HOUSTON, '31, is engineer foreman in charge of CCC work being done at Colossal Cave, Vail, Ariz.
- WELDON T. BRINTON, '31, is with the Flagstaff Electric Light Co. at Flagstaff, Ariz.
- IRA BACON, JR., '31, is a shift foreman in the U. S. Potash Co. refinery at Carlsbad, N. M.
- LEO L. LANE, '31, is located at Yuma, Ariz., working on stream gaging on the Colorado River for the U. S. G. S.
- WALTER A. BROWN, '31, is transit man on the San Gabriel Dam No. 1 in California.
- JACOB ERICKSON, '31, is with the Indian Service on a Land Reclamation Project at Goodyear, Ariz.
- W. A. STEENBERGEN, '31, ROBERT E. HEINEMAN, '26, and CHARLES McCASH, '30, all announce the visit of the stork to their abodes.
- MACK CLARDY, '31, was recently married and is now working as mill superintendent for Humbolt Gold Mining Co.
- BARNEY SHEHANE, '31, is teaching in the Pheonix, Arizona high school.
- WILLIAM NORTON, '32, is with the U. S. G. S. now stationed at White Swan, Washington.
- LT. PETER R. KIERNAN, '32, is still feeding the woodchoppers at Pine Valley, Calif., CCC. He wishes to take this opportunity of saying "Hello" to all the Brothers he met at the 1931 convention.
- KEN CLOUD, '34, is Assistant Agricultural Engineer at the Uuiversity of

Arizona taking W. A. Steenberg's place temporarily.

W. A. STEENBERGEN received an appointment as Land Use Consultant for the State of Arizona.

ROBERT C. HARDING, '33, is junior engineer with the U. S. Geological survey now located at Pine, Ariz.

RICHARD OTHIC, '34, is with a mining company in Arequipa, Peru, South America. He wrote that he just met Brother W. R. Springer of Iota down there.

FRANK LAMB, '34, is junior assayer in the U. S. Assay Office, New York.

PSI

The following alumni of Psi Chapter are employed in a technical capacity at the Fort Peck Dam, Fort Peck, Montana: Kenneth Sweeney, '31, Arthur O. Wilson, '31, Richard Mathews, '31, Harold T. Johns, '33, John F. Sullivan, '34, Edward O. Bonner, '34, John McAuliffe, '34, John T. Mullany, '34. According to "Brassie" our alumni have the situation well in hand.

The last we heard of John J. Steadman, '32, he was heading for Hawaii. EDWARD B. TRUEWORTHY, '32, is Road Locator for the United States Forest service; his headquarters are at Missoula, Montana. What is the matter, "Badger," why haven't you taken the big leap into the troubled sea of matrimony?

ROBERT JESS SMITH, '33, is superintendent of the Anaconda Copper

Co.'s Zinc Roasting plant at Anaconda, Montana.

JOHN M. CONROW, '33, is the engineer in charge of a mine near Big Timber, Montana. We understand that Johnny finally went soft on us and was married last spring.

ARTHUR J. BOVEE, '34, is employed by the Basin Tunnel Co. at Basin, Montana. He has recently become the bouncing father of a proud baby.

WILLIAM P. GIVEN, '34, at the present time is holding a position in the Kevin-Sunburst oil field. Past Regent Willie having been the director of the Glee Club, we wonder if he sings at his work?

We understand that Rayworth Howe, '34, is employed at the Montana State Liquor Store in Helena, Montana. Put temptation aside, Ray.

OMEGA

The propensity of Omega's alumni for marrying Rapid City girls has reached the proportions of an epidemic this year, as witness the following: John Lampert, '33, to Miss Ruth Steile on April 15, 1934; Gerald Munson, '33, to Miss Marie Markus on June 2, 1934; Francis Estrup, '33, to Miss Esther Young on August 12, 1934; Ralph Basler, '33, to Miss Frances Lovell on August 25, 1934; Clarence Hol-

leman, '32, to Miss Vera Worrall on September 1, 1934; Archibald Slaughter, '33, to Miss Phoebe Johnson on September 7, 1934.

Brother Lampert is working in the Plans Dept. of the S. D. State Highway Commission at Pierre, S. D. Brother Munson is employed with the S. D. State Highway Commission at Presho, S. D. Brother Estrup and his bride are living at Dupree, S. D., where

he is employed by the Federal Land Survey. Brother Basler is with the S. D. State Cement Plant in Rapid City. Brother Holleman is an instructor in the C. E. Dept. of the S. D. School of Mines. Brother Slaughter has taken his bride to Trojan, S. D., where he works for the Bald Mountain Mining Co.

O. H. ROSENOW, '32, must be rolling in the dough. He writes from De-

troit Lakes, Minn., where he is manager of McCarthy's Bakery. He wants to know if there are any brothers in that neck of the woods.

FRANK WOODMAN, '34, is working with the Golden Slipper Mine near Keystone, S. D.

NOEL GAGSTETTER, '34, is employed by the Montana-Dakota Power Co. at Rapid City.

Employment Service

RULES

1. LENGTH: Notices are limited to 40 words.
2. DEADLINE: Copy for the Fall GEAR must reach the editors by November 1 and for the Spring GEAR by March 15.
3. CHARGE: A fee of 5% of the first month's salary will be charged those men who are successful in securing a position through the service.
4. REPEATED NOTICES: A notice will be published once unless a request to reprint it is received after its publication.
5. RESPONSIBILITY: THE GEAR does not assume responsibility for statements contained in employment notices.
6. EMPLOYERS: Employers may obtain from THE GEAR the name and address of any applicant by giving the number of the employment notice.

Ch. E. 2—Graduate Chemical Engineer, South Dakota School of Mines '33.
Age 24, married, excellent health. Experience in water analysis and South Dakota Highway Dept. Can furnish best of references.

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Fill out the form below and send it to THE GEAR. The magazine can be sent only to those alumni or inactive life subscribers whose addresses are in our files.

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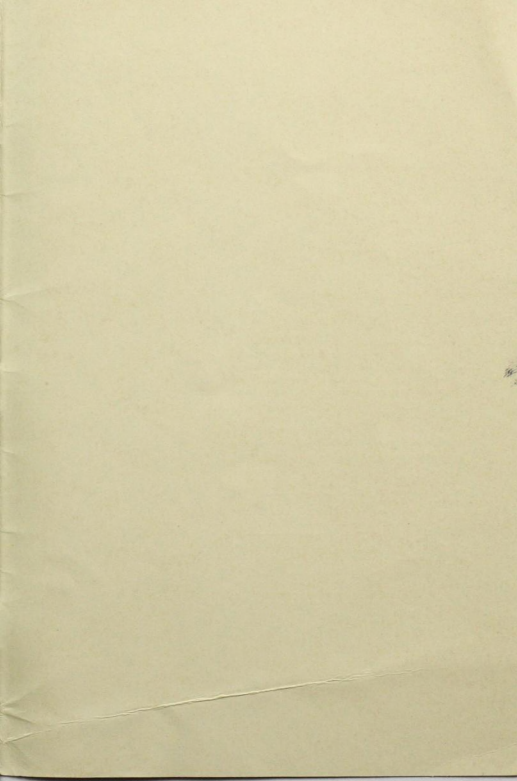
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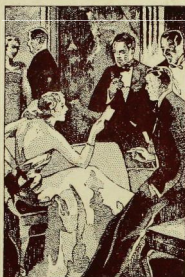
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in the

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CHRISTMAS GIFT SUGGESTIONS

To the Ladies:

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Black Moonlight Dresser Set	" 36
White Elephant Lamp	" 34
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Things Men Like:

Zipper Bill Fold or Key Case	" 37
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