

The GEAR of THETA TAU



STUDENT



ALUMNUS



RETIRED

THETA TAU

**FRATERNITY
MEANS
A LIFETIME
OF BROTHERHOOD**



Phi Chapter, Purdue University, took the honors in the latest Chapter Photo Contest with this entry.

THE EXECUTIVE COUNCIL

has authorized a formal plan for

VOLUNTARY CONTRIBUTIONS TO THETA TAU FRATERNITY

by its alumni and other interested persons. These contributions may be by periodic or occasional gifts or bequests.

Specifically, persons may contribute to a "Founders' Memorial Fund" or give "unrestricted gifts." Funds contributed to the Founders' Memorial Fund are to be invested in securities (stocks, bonds, and mortgages) with preference to be given to loans to Theta Tau house corporations for the purpose of building, buying, remodeling, or furnishing chapter houses. One-half of the return on invested funds will be reinvested, and the other one-half will be used as directed by the Trustees (Executive Council). These gifts are not deductible for income tax purposes. Unrestricted gifts will be used in the operation or promotion of Theta Tau Fraternity as directed by the Trustees.

No minimum amount has been set, and all gifts are welcome.

BEQUESTS TO THETA TAU

Bequests to Theta Tau may be made using the following suggested form:

"I give, devise, and bequeath to Theta Tau, national professional engineering fraternity, with its Central Office located at 13 Sona Lane, St. Louis, Missouri 63141, \$. (or 'the following described property, or securities'), as an unrestricted gift (or 'as a contribution to its Founders' Memorial Fund')."



The Gear of Theta Tau

WINTER 1973-74

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the Grand Regent speaks

Yardsticks

BY GEORGE G. DODD

How can a chapter measure itself? How can it know if it is doing well and where its weak spots are? Can problems be predicted before they occur? Are there yardsticks that can be used to determine the answers to these questions?

In the business world we use certain indicators, such as profits, to get a direct measure of how well the business is doing. When profits are up we are doing well, when profits are down we are in trouble. In a similar manner the direct measure of the performance of a chapter is the number of members, or the ratio of the number of pledges to the number of student members.

However, these are only direct measures. More important measures are those which are the warning signs or the predictors of change. In calculus we call this type of measure the second derivative.

In the business world one predictor or indicator of change is the percent of the market. If our sales are down, it may be because nobody is buying our product this year; but if our percent of the market is down then another company is doing better than us and we had better know why.

While examining the operations of our Theta Tau Chapters, I have found several measures which indicate the second derivative of a chapter's level of operation. In almost all instances, changes in one or more of these measures could have predicted that a chapter would have operational problems before they occurred. They may be of value in indicating your chapter's second derivative.

The first predictor is "Do you have a chapter house?" Chapters with houses al-

most always operate better than chapters without houses. The house causes a vitality in the chapter's operation. It requires that schedules be met and that decisions be made and planning occur in the house budget and house operation. This emphasis of scheduling, decision making, and planning motivates a chapter to operate at a high level of performance.

Some active Theta Tau chapters do not have houses. However, their chapter's motivation centers around other things I will describe later. If you do not have a chapter house perhaps you should consider getting one even more strongly than before.

The second measure or yardstick of change is the amount of involvement of the chapter in campus and community activities. To be active in the campus activity implies involvement of the members, usually as involvement of the members of a team. It requires the management of resources and working together and gives a sense of purpose for the organization of which we are members. It also, incidentally, creates publicity which can attract new members to the chapter.

On some campuses with the recent anti-Greek attitudes, campus activities have fallen off and subsequently chapter activity has fallen off. In these cases chapters have become significantly weaker. If you should discontinue an activity on your campus then your chapter should find something to fill the void to keep up the activity, to keep up the involvement, to keep up the enthusiasm around the activity which has been eliminated. Without activities and without focus points the meaning for be-

longing to Theta Tau is weakened and gradually a chapter will die.

The third yardstick of performance is the advisor-chapter relationship. Chapters having strong working relationships with their advisors in general operate very well in other areas. Why should you have strong involvement with your advisor?

Your faculty advisor is known on campus and among faculty. On occasions it is necessary to obtain names of new prospective members or to engage in fund raising campaigns. With an advisor who can speak for you and work with you on the faculty, accomplishing these goals becomes much easier. Both faculty and alumnus advisors provide the continuity needed in chapters with frequent officer changes. The officers' point of view in the chapter is very short ranged. In two short years a person is promoted, for example, from young active through Treasurer to Regent and then he graduates. He does not see the continuity, the long term requirements of the fraternity. For example, under his tenure of office he may have some surplus money and decide that it is worthwhile to spend it rather than save it anticipating other long term problems. The advisor can help in smoothing out the transient operations which occur from year to year.

The fourth yardstick of the chapter is ability of its officers to answer the question, "Have I trained my successor?" If you are an officer you should be asking, "Who are my logical successors and how much do they know about my job?" It is essential that your successors, one or more of them, who can possibly be elected to your office be trained, so that the continuity of your office will be maintained.

If you are a non-officer the opposite questions needs to be asked. This question should also be asked of the member by an officer as soon as he is initiated. The question is, "What offices do I aspire to and how can I learn more about them?" As a beginning member you may aspire only to be a pledge trainer or the rushing chairman. However, these are all but stepping

stones to much more important positions, such as Treasurer, Scribe, or Regent. Find out more about the job in which you have possible interest. If your chapter does not have an assistant treasurer program, perhaps you need one. Likewise, with other offices and especially the office of Regent. All too many Regents concentrate all the power in themselves. They do not delegate authority and when they graduate all their knowledge and skill goes with them.

The fifth item is, "Does your chapter have a good pledge program? Does it include involvement of the pledges with the actives so that all members of the chapter work as a team? Can the pledges attend chapter meetings and help make decisions? Do they have continual education on what is expected of them in the chapter process?" Chapters with good pledge programs are successful. Those with weak pledge programs which tend to demean the pledge or keep him as an outsider until he is a member of the inner ranks have continual problems.

There is one theme that runs through these five points; this theme is management and leadership. Being a member of Theta Tau gives you an excellent opportunity to practice managerial skills and how to be a leader. You learn how to delegate authority and responsibility. There is a concept called management by objectives, where chapters set objectives for themselves and where officers set objectives for themselves and for their chapters. Periodically these objectives are reviewed to see how well they have been met. By following the points of good management and good leadership principles, the chapter can continue to be successful.

Leadership training should be a continual part of our fraternal activities, from pledgship, through graduation. Enhancing this opportunity to become leaders is another goal for our Fraternity.

(Editor's note: This article is from comments made at the Northern Regional Conference.)

Colony Certification

University of Wisconsin—Platteville

Culminating a year's effort by interested engineering students at the University of Wisconsin—Platteville, a Theta Tau Colony was certified there on Sunday, May 6, 1973. A year earlier, student members of Xi Chapter at Madison and Brother Allan T. Mense, *Chi* '68, had visited at Platteville for the purpose of developing an interest in Theta Tau among engineering students there. Brother Mense, named Outstanding Delegate at the Convention in 1968, is working on his doctorate at Madison and was serving Theta Tau as a Chapter Liaison Officer.

Contact with the national Fraternity, the Central Office, and with Xi Chapter helped the local fraternity, Mu Beta, achieve its

objective of becoming a Theta Tau Colony. Several problems were encountered in becoming recognized as an official campus organization, but this status was granted on March 15. Meanwhile, Mu Beta Fraternity was involved in worthwhile activities as expected of a Theta Tau Chapter or of an organization aspiring to become one.

Grand Regent George G. Dodd presided at the certification ceremony held in the "M" Rooms of the Student Center. Assisting him in the ceremony were Brother Mense and Brothers Robert E. Pope, Grand Scribe; Joseph F. Movizzo, *Xi* '64; and Bruce J. Haas, *Xi* '75. A total of five chapters were represented by alumni in attendance at the ceremony.

Following the ceremony, a dinner was held in the Platte Room of the Student Center. Special guest of the Fraternity at this event was Platteville Dean of Students Lloyd Linden who welcomed Theta Tau on behalf of the University and expressed its pleasure at this affiliation by the local fraternity.

The University of Wisconsin—Platteville traces its history back to 1842 when the Platteville Academy was founded. It became a State Normal School in 1866, and was named Platteville State Teachers College in 1927. In 1951, it became Wisconsin State College which merged with the Wisconsin Institute of Technology in 1959; combining teacher education, liberal arts, and engineering. It became a university in name in 1964, and part of the merged University of Wisconsin system in 1971.

The College of Engineering offers four curricula leading to the Bachelor of Science



Members of Theta Tau attending the certification ceremony for the University of Wisconsin—Platteville Colony were (front row, left to right): Joseph F. Movizzo, *Xi* '64; Bruce J. Haas, *Xi* '75; Harland H. Hoppock, *Iota* '20; Ronald K. Wieben, *Omicron* '68; (back row) Robert E. Pope, *Zeta* '52; George G. Dodd, *Zeta* '60; Stephen M. Napp, *Xi* '73; Bradford C. Bennett, *Xi* '75; and Allan T. Mense, *Chi* '68.



Initial members of University of Wisconsin-Platteville Colony were (front row, left to right): Dr. Harold J. Jebens, Advisor; Ken Fries; John Elwell; Pete Shefte; Bob McKelvey; (second row) John MacKinnon; Jerry Dassler; John Larson; Greg Govier; (back row) Keith Corso; Bob Stenstrom; Daron Patriquen; Taryn Nall; and Russ Keneth. Additional members of the University of Wisconsin-Platteville Colony installed in the Student Center Platte room on May 6, 1973 by Grand Regent George Dodd include (front row, left to right): John Boldt; Randy Govier; Ralph Vosters; Chuck Burggraf; (back row) Dick Tubesing; Bob Tamminen; Jeff Mantes; Bill Graves; and Don Tuggle.

degree: agricultural, civil, industrial, and mining. The civil engineering program was accredited by ECPD in 1968, and the mining engineering curriculum in 1970. The total engineering enrollment is about 500. An optional five-year cooperative education program is available in all curricula.

A local landmark is a huge letter "M" on Platte Mound overlooking the city of Platteville. The original idea was conceived in 1936, and the letter completed in the

fall of 1937. The design was based on the monogram of the School of Mines. It is the world's largest "M" measuring 241 feet high and 214 feet wide. Thus the University of Wisconsin-Platteville becomes the fourth school with Theta Tau affiliation displaying a giant "M." Others are Colorado School of Mines (whose letter is the oldest, dating from 1908), Montana College of Mineral Science and Technology, and South Dakota School of Mines.

Theta Tau at ASEE Conference

The 81st Annual Conference of the American Society for Engineering Education, held June 25-29, 1973 in Ames, Iowa, provided an opportunity for eight Theta Taus to learn about current Fraternity activities. At a planned breakfast meeting, Brothers Bob Pope, *Kansas '52*; Charles Wales, *Wayne State '53*; Carl Johnson, *Michigan Tech '59*; Gary Lamont, *Minnesota '61*; James Maloney, *Kansas '36*; Jay Medford, *Arizona '39*; William Rey, *Alabama '45*; and Hotten Elleby, *Minnesota '56*, assembled to share memories.

Highlights of the meeting were a presentation of the Fraternity slide show by Brother Pope and a discussion of the relationship between his educational research and Theta Tau activities by Brother Wales.

Plans are underway to hold a similar event at the 1974 Conference. Programs make this can be prepared for any professional meeting. Contact Executive Secretary Pope for posters, a list of Theta Taus belonging to your organization, and any Fraternity material you would like to have for your meeting.

Playboy Hotel Hosts PIC Conference

At the Annual Conference Session of the Professional Interfraternity Conference, Theta Tau was represented by Brothers George G. Dodd, Grand Regent; Charles W. Britzius, Past Grand Regent and Grand Treasurer; and Robert E. Pope, Grand Scribe. The meeting was held at the Playboy Club-Hotel, Lake Geneva, Wisconsin, May 3-5, 1973. Despite the diversions provided by the location, the meeting was most

valuable to Theta Tau in providing information and ideas which will make it possible to serve its members better and more efficiently.

Beginning with the Fraternity Secretaries' Workshop on Thursday afternoon, the Annual Conference Session included presentations by outside experts on subjects as diverse as fund raising, organizational image, and convention planning; plus workshops for volunteer officers and on nonperiodical fraternity publications. In addition, there were opportunities for informal sharing of experiences by the representatives of the twenty-one fraternities present.

Theta Tau was a founding member of the PIC in 1928, and has been active in the organization throughout its history.

At the close of the meeting, Dr. Conrad A. Blomquist, Phi Delta Chi (pharmacy) became President of the PIC succeeding Dr. William E. Koch, Jr., Xi Psi Phi (dentistry). Brother Pope was reelected Secretary of the PIC, a position he has held since 1968. He is also the PIC six-year delegate to the Interfraternity Research and Advisory Council.



Shown at the Annual Conference Session of the PIC in May, 1973 are Grand Regent George G. Dodd; Grand Scribe Robert E. Pope; PIC President Dr. William E. Koch, Jr., Xi Psi Phi; and Grand Treasurer Charles W. Britzius.

Pope Speaks at PPA Convention

Brother Robert E. Pope, Grand Scribe and Executive Secretary of Theta Tau, had the honor of an unusual, interesting, and educational experience in November. As Secretary of the Professional Interfraternity Conference, he was invited to be a guest at the Twenty-Sixth Biennial Convention of the Professional Panhellenic Association and to address the delegates of the women's professional fraternities on Friday, November 2. The PPA, founded in 1925, includes 14 women's professional fraternities in nine fields. The invitation grew out of an acquaintance with Mrs. Van E. Fiser, PPA President, and other PPA leaders de-

veloped at Interfraternity Research and Advisory Council meetings.

Brother Pope's speech entitled "A Continuing Challenge," was well received despite the PPA's growing concern because some PIC member fraternities are admitting women to membership. (*Editor's Note:* also see Editorial this issue.)

Other guests at the PPA Convention were Dr. Conrad A. Blomquist, PIC President; and Mr. Jack Anson, Executive Director of the National Interfraternity Conference. Miss Marilyn Van Derbur, former Miss America, and Mr. Anson were also guest speakers during the Convention.



alumni news

Past GEAR Editor, Franklin, Elected Mayor

William E. Franklin, *Kansas '57*, past editor of *THE GEAR* of Theta Tau, has been elected mayor of Prairie Village, Kansas, a residential suburb of Kansas City, Mo. with a population of 30,000. He has also been elected the chairman of the Johnson County Council of Mayors.

Brother Franklin, who edited *THE GEAR* from 1961 to 1969, had been elected to the Prairie Village City Council in 1971 and reelected in 1972. While serving on the council he held the posts of Chairman, CATV Committee; and member, Public Works Committee, Administrative Committee, and Ad Hoc Committee on Budget.

Presently Manager, Resource and Environmental Economics Programs, Midwest Research Institute, Kansas City, Mo., Brother Franklin does research in the fields of solid waste, resource recovery, and environmental policy issues. He has been with Midwest Research Institute since 1965.

He is a nationally recognized authority in his field, and has had several of his reports published. His clients in the last two years have included the President's Council on Environmental Quality, the Environmental Protection Agency, major industrial associations, and private industry.

Brother Franklin received a masters degree in industrial administration from Purdue University in 1965. While a student member at the University of Kansas he was elected to membership in Sigma Tau and Omicron Delta Kappa honor societies; and he served as president of the Engineering Student Council and editor of the *Kansas Engineer* magazine.

Brother Franklin and his wife, Marjorie have two children. Marge Franklin, *GEAR* secretary during the years Bill edited the magazine, is employed part time as an engineer for Black and Veatch, Consulting Engineers.

Sutton Elected to Omega Membership

Dr. Warren G. Sutton, Assistant Professor of Mathematics at South Dakota School of Mines and Technology, was recently elected into honorary membership in Theta Tau by the alumni members of Omega Chapter. Brother Sutton, age 29, is a native of Auckland, New Zealand, and received his B.S. degree in mathematics and his M.S. degree in applied mathematics from the University of Auckland. Further pursuing his education, he received his A.M. degree in mathematics at the Univer-

sity of Missouri and his Ph.D. in mathematics from the University of Wyoming.

Brother Sutton has made significant contributions to his field in the area of solutions to boundary value problems. He is a member of Phi Kappa Phi, American Mathematical Society, Pi Mu Epsilon, Society of Sigma Xi, Hardrocker Flying Club, and Optimists International. He received the Outstanding Teacher Award at Tech in 1971-72, and was nominated to American Men and Women of Science in 1972.

alumni
in
the
news



Crofts



Holliday



Rottman

CROTTS Elected President, N.C. State Alumni Assoc.

Marcus B. Crofts, *North Carolina State '53*, of Crofts and Saunders Engineering, Inc., Winston-Salem, North Carolina, was elected president of the North Carolina State University Alumni Association for 1973-74. Brother Crofts is a native of Winston-Salem, and received his masters degree in mechanical engineering from the University of Illinois. He is a registered professional engineer in the states of North Carolina, South Carolina, and Virginia. In 1973 he was awarded the "Award of Merit" from the Society of Manufacturing Engineers conferred in recognition of valued balanced contributions to the Society's professional activities and growth. . .

Brother Crofts is a member of Phi Kappa Phi, Pi Tau Sigma, The American Society of Mechanical Engineers, The National Society of Professional Engineers, The North Carolina Society of Engineers, The Society of Manufacturing Engineers, The Winston-Salem Engineers Club, The Numerical Control Society, and the Institution of Production Engineers, London, England.

He has served as national vice president and member of council of the ASME; president of the Winston-Salem Engineers Club; and Regional Chairman of the SME.

Before becoming a partner in Crofts and Saunders, Brother Crofts was employed by

Duke Power Co., Babcock and Wilcox, and the Western Electric Co.

He is a Rotarian, a private pilot, and a coin collector. He is a member of the United Church of Christ, is married, and has two children.

HOLLIDAY, Foreman at OHC-Tetra

In a recent news release, PPG Industries, Inc., Industrial Chemical Division announced the promotion of R. L. Holliday, *Mississippi State '70*, to the position of Foreman, OHC-Tetra at Lake Charles, La.

Brother Holliday joined PPG as a chemical engineer in 1970 and was promoted to technical assistant in 1971. He and his wife live in Lake Charles.

PPG manufactures organic and inorganic chemicals at the Lake Charles facility.

ROTTMAN, Marketing Representative

Eastman Chemical Products, Inc., has announced the appointment of James P. Rottman, *Louisville '72*, as Marketing Representative in its Coating Chemicals Division, Cincinnati territory. Brother Rottman received his masters degree in chemical engineering from the University of Louisville in 1972. He started with Eastman as a sales trainee.

Brother Rottman, his wife, and daughter now reside in Cincinnati, Ohio.

Vansant Elected National CSI President

Robert E. Vansant, *Missouri at Rolla '51*, Assistant Department Head, Civil-Environmental Division, Black & Veatch Consulting Engineers, has been elected National President of the Construction Specifications Institute, an organization made up of approximately 11,000 engineers, architects, specification writers, contractors and industry representatives. He will assume the office July 1. Vansant is currently National Vice-President of the organization and was a charter member of the Kansas City chapter. He was designated a fellow of the Institute in 1970. In 1971 and 1972, Vansant received the President's Plaque for outstanding contributions to the organization's technical document program. He is a civil engineer and attorney and has been associated with Black & Veatch since 1953.



Alumni Notes

MINNESOTA

Alpha

GARY B. LAMONT, '61, is an assistant professor in Digital Control at the Air Force Institute of Technology, Dayton, Ohio.

PETER L. EMMONS, '67, now resides in Angora, Minn.

GARY R. GUNTHER, '68, is Assistant District Sanitary Engineer with the New York State Dept. of Health. He received a masters degree in civil and environmental engineering from Clarkson College of Technology on May 21, 1972. He lives in Saranac, N.Y.

MICHIGAN TECH

Beta

PHILIP B. HAVENS, '24, is retired and lives in Jackson, Mich.

GEORGE A. KRUMM, '24, resides in Rockville, Md.

WENDELL R. DAVIS, '43, is president of R. P. Honold Co., Inc., Sheboygan, Wis.

CARL P. JOHNSON, '59, is manager of Quality Control and Relations with Sundstrand Hydro, Ames, Iowa.

KENNETH J. LUTZ, '65, is Division Vice President of Interac of San Jose, Calif. He lives in Strongsville, Ohio.

COLORADO MINES

Gamma

RUPERT B. LOWE, '22, resides in Locust, N.J.

C. DAVID FROBES, '24, lives in Rancho Santa Fe, Calif.

S. J. FISHER, '48, has moved to Rock Springs, Wyo.

AUGUSTINE (GUS) J. SLANOVICH, '60, now resides in Englewood, Colo.

KENNETH D. ISEN, '61, is now living in Lakewood, Colo.

AUGUST J. ZARCONI, '63, has moved to Downers Grove, Ill.

JOHN A. EDWARDS, '67 now resides in Pittsburgh, Pa.

THE GEAR OF THETA TAU

CASE WESTERN

Delta

WILLIAM L. SCHERER, '30, is now living in Sun City, Ariz.

HAROLD J. KIRKSTADT, '32, has retired from Republic Steel and is now working part time for the Case Western Reserve Historical Society as Membership Chairman. He lives in Cleveland, Ohio.

JOHN R. PARKER, '36, has moved to Pasadena, Calif.

STEVEN B. DANA, '68, is now located in Ft. Amador, Canal Zone.

HERBERT W. DORNBUSH, JR., '70, has moved to Cleveland, Ohio.

JAMES W. JOY, '70, now resides in Toledo, Ohio.

BERKELEY

Epsilon

ROBERT P. MILLER, '20, is retired and living in Healdsburg, Calif.

J. H. ASHLEY, '22, lives in Laguna Beach, Calif.

REX E. OLSEN, is with Exxon Co., Denver, Colo.

OLIN C. JONES, '72, is with Winton Jones Contractor, Inc., Concord, Calif.

MIKE ROBERTSON, '72, is executive distributor and regional director with Bio-Ecology, Inc., Hayward, Calif. He lives in San Lorenzo.

KANSAS

Zeta

PAUL ENDACOTT, '23, former president of Phillips Petroleum Co., enjoys his retirement years with traveling, gardening, and purebred cattle ranching when not adventuring with his eight grandchildren.

HENRY GREGORY, '23, is retired and a director of Golden Rain Foundation, a community management corporation. He lives in Seal Beach, Calif.

CHARLES CLUTZ, '33, and his wife Lois treated 1000 members of the Kodak Travel Club of Rochester, N.Y. to a pictorial visit to Missouri and Kansas this past November.

JAMES O. MALONEY, '36, is a professor of chemical engineering at the University of Kansas.

ROBERT KIPP, '52, has been appointed to the second highest administrative position in Kansas City's local government, director of administration. He formerly was assistant city manager.

JAMES A. CLUTZ, '61, is district manager-distribution, Kodak Marketing and Distribution Center, Miami, Fla.

CURT SALGELL, '69, is a civil engineer with the State Highway Commission, Topeka, Kansas.

MIT

Eta

JOHN A. LUNN, '17, is retired and residing in Cambridge, Mass.

COLUMBIA

Theta

CLIFFORD BERNETT, '47, is a petroleum consultant. He lives in Zurich, Switzerland.

MISSOURI AT ROLLA

Iota

WALTER F. BREUER, '37, is Chief, Technical Engineering Branch, Mo. River Div.—Omaha, U.S. Army Corps of Engineers. He lives in Omaha, Neb.

STEVE MUIR, '69, is an Assistant Chapter Service Director for Tau Kappa Epsilon Social Fraternity.

BARRY BRANDT, '70, lives in Defiance, Ohio.

ERIC D. DUNNING, '70, is a production team manager for Charmin Paper Products, Cape Girardeau, Mo.

R. J. PEPPER, '72, is a petroleum engineer with Shell Oil Co., New Orleans, La.

UTAH

Lambda

MORGAN ELDON, '34, has moved to New York City.

JOSEPH A. ROBERTS, '65, is a sales engineer with Fibrows Glass Prod., Spokane, Wash.

JEFFREY LEE, '67, now lives in Cincinnati, Ohio.

RICHARD O. FAUSETT, '69, is a computer engineer with Hewlett Packard Corp., Cupertino, Calif. He lives in San Jose, Calif.

ALABAMA

Mu

DAVID R. SHAW, '63, resides in Birmingham, Ala.

THOMAS D. LOFTIN, '70, is now living in Houston, Texas. He is a research engineer with Esso Production Research Co.

LARRY AUERBACH, '71, has moved to Atlanta, Ga.

PHILIP E. STONE, JR., '65, is now residing in Arlington, Va.

MICHAEL J. KAPUTA, '67, has moved to Birmingham, Ala.

CARNEGIE TECH

Nu

DR. LAWRENCE JETTER, '36 is with the Technical Service Co., Rochelle Park, N.J. He is temporarily based in York, Pa.

EDWARD M. McGEHEE, '48, now resides in Fort Lauderdale, Fla.

WISCONSIN

Xi

TERRY E. KLITZKIE, '66, is a project coordinator in the Real Estate Development Div., J. C. Penney Co. He lives in New York City.

RALPH T. BAILEY, '72 is attending graduate school at the University of Wisconsin.

NORTH CAROLINA STATE

Rho

BARRY N. FRAZELLE, '64, is a civil engineer with the U.S. Forest Service, Roanoke, Va.

ERNEST G. ALEXANDER, '67, has moved to a new address in Covington, Va.

L. D. DISHER, '71, lives in Raleigh, N.C.

JAMES KESSLER, '72, is with Sanders and Thomas, Inc., Pottstown, Pa. He lives in Norristown.

CHARLES G. RICE, '72, is an electrical engineer with McCoy-Ellison, Inc., Montoe, N.C. He lives in Chandler, N.C.

WILLIAM L. WHISNANT, JR., '72, is a manufacturing trainee with General Electric Co., San Jose, Calif. He resides in Milpitas, Calif.

IOWA

Omicron

JAMES W. BOWMAN, '40, has moved to Denver, Colo.

MICHAEL R. GILBERT, '66, now lives in Kennesaw, Ga.

CRAIG T. HERDMAN, '67, is living in Phoenix, Ariz.

THOMAS A. SELTERS, '71, has moved to Waterloo, Iowa.

OHIO STATE

Sigma

DONALD F. JONES, '50, is chief engineer for the N.E. area of Ohio Bell Telephone Co. He lives in Brecksville, Ohio.

K. R. SHELLINE, '54, has returned from a 3 year assignment in Australia. He is now Manager, Operations-Engineering, Shell Pipe Line Corp., Midland, Texas.

JAMES R. HANNAHS, '66, reports the birth of a second child, a boy James Michael. He resides in Troy, Ohio.

ROBERT G. SMITH, '67, lives in Shoreview, Minn.

RICHARD R. DANIEL, '72, is a process engineer with the Stellite Div., Cabot Corp., Kokomo, Ind. He lives in Bradford, Ohio.

KEITH W. STATLER, '72, is a structural engineer with Black and Veatch, Kansas City, Mo.

VIRGINIA

Pi

V. A. SHRINER, JR., '48, is a division engineer with Virginia Electric and Power Co. He lives in Charlottesville, Va.

THE GEAR OF THETA TAU

SYRACUSE

Tau

THE REV. ROBERT REED MORSE, '43, is pastor of the First United Methodist Church, Oswego, N.Y.

A. W. JOHNSON, JR., '49, is a project manager with General Electric Co., Houston, Texas. He lives in Seabrook, Texas.

ALBERT J. GNESIN, '50, has been promoted to general manager, Chemical Coatings International, Mobil Chemical Co. He resides in Ft. Lee, N.J.

WILLIAM D. SHIELDS, '50, has moved to Weston, Ontario, Canada.

RICHARD H. BRUNS, '53, resides in Jamesville, N.Y.

PETER M. PETRONE, '71, is with E. I. DuPont de Nemours, Savannah River Plant in South Carolina. He lives in North Augusta, S.C.

ARIZONA

Chi

PHILIP A. ROSS, '55, is a commerce officer for the Government of Canada. He lives in Ottawa.

DR. MARK R. GOLDEN, '67, is a resident in internal medicine at the Orange County Medical Center, Calif. His future plans are to specialize in lung disease in Denver, Colo.

JON S. TRAW, '67, is a structural checker for the City of Los Angeles, Department of Building and Safety. He lives in Cypress, Calif.

THOMAS C. WOZNIAK, '72, is a structural engineer with Brown and Root, Houston, Texas.

PAUL M. DISMACHEK, '73, is a product engineer with Texas Instruments, Dallas. He resides in Carrollton, Texas.

ARKANSAS

Upsilon

JAMES P. FONDREN, '30, has moved to Ft. Meade, Fla.

DON R. ALLEN, '66, received his Master of Divinity Degree in May, 1973 from Erskine Theological Seminary. He is pastor of the Sandy Plains Presbyterian Church, Tryon, N.C.

C. RUSSELL JACKSON, '71, is living in North Little Rock, Ark.

CHARLES D. BATSON, '72, resides in Fayetteville, Ark.

WILLIAM C. HATFIELD, '73, is with C. F. Industries, Inc., Plant City, Fla. He lives in Tampa.

PURDUE

Phi

COL. JOHN KUZNICKI, '42, has moved to Alexandria, Va.

DONALD L. STEBERL, '65, is branch manager, Allen-Bradley Co., Richmond, Va.

EDWARD W. HILTEBEITEL, '69, is an associate engineer in the Marine Engineering Dept., Dravo Corp., Neville Island, Pa. He married the former Edith A. Berg on Sept. 2, 1972. They live in Coraopolis, Pa.

MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY

Psi

JOHN L. SUTER, '68, now resides in Casper, Wyo.

DARRELL D. METZ, '72, is a production engineer with Getty Oil Co., Ventura, Calif. He and the former Diana L. Packard were married on Aug. 5, 1972.

SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY

Omega

DENNIS E. DAHLGARD, '32, retired from the Port of Seattle on Oct. 1, 1972. He is a part time consultant on Airport and Marine terminals.

REX TARIO, '32, resides in Spearfish, S.D.

THE GEORGE WASHINGTON UNIVERSITY

Gamma Beta

JOEL S. SONNABEND, '52, has recently accepted a position as Manufacturing Manager with IMLAC, Corp.

JOHN ROBETS, '60, is now working at the Washington Navy Yard as a Project Manager. He resides in Fairfax, Va.

MICHAEL W. BRAINARD, '71, resides in Garland, Texas and is employed as an Engineer with Southwestern Bell, Dallas.

OLLE L. LORENN, JR., '72, is an Associate Engineer for Atlantic Richfield, Houston, Texas.

UNIVERSITY OF LOUISVILLE

Delta Beta

L. G. KUHN, '43, is self-employed and living in Louisville, Ky.

JIM MEHNE, '48, is Plant Manager of Ford Motor Co.'s Michigan Truck Plant, Wayne, Michigan. He lives in Northville.

H. C. CRIM, '49, is currently residing in Easley, S.C.

MORGAN S. WAUGH, '62, is living in Derwood, Md.

LAWRENCE H. NOLD, JR., '64, is living in Casey, Ill.

DR. J. ROBERT FOWLER, JR., '66, has accepted a position with Diamond Shamrock, Cleveland. He married the former Carol Ann Slowik on Nov. 12, 1972.

JEFFREY L. ANDERSON, '69, lives in Grand Island, Neb.

GENE S. SNIDER, '70, makes his home in Louisville, Ky.

WAYNE STATE UNIVERSITY

Epsilon Beta

RON MICHALAK, '65, resides in Sterling Hts., Mich. He plays golf with fellow Theta Tau's in the area.

GARY M. KOLODY, '67, is living in Madison Hts., Mich.

DONALD MORRISON, '69, is an Associate Engineer with Computer Peripherals, Inc., Rochester, Mich. He lives in Sterling Heights.

KEVIN B. O'BUCKLEY, '72, is a Junior Engineer with N.Y. State Dept. of Transportation, Binghamton. He lives in Elmira.

UNIVERSITY OF HOUSTON

Eta Beta

PHILLIP DOLEZAL, '69, completed military duty in June, 1972. He is currently employed as a Systems Engineer, Project Systems Engineering Division of M. W. Kellogg Co., Houston, Texas.

UNIVERSITY OF DETROIT

Iota Beta

DENNIS F. BORUTA, '65, now lives in Bloomington, Minn.

JOHN K. HOPKINS, '68, makes his home in Costa Mesa, Calif.

LAWRENCE E. WELLS, '70, lives in Warren, Mich.

MISSISSIPPI STATE UNIVERSITY

Kappa Beta

DAVE BUSHMAN, '72, now lives in Tampa, Fla.

2ND LT. DORSEY E. HIGDON, JR., '72, is stationed at Holloman AFB, N.M.

JOHN W. RIGBY, '72, is a junior engineer with the Mississippi State Highway Department in Jackson.

ROBERT H. SEYFARTH, '72, lists Natchez, Miss. as his preferred mailing address.

TENNESSEE TECHNOLOGICAL UNIVERSITY

Lambda Beta

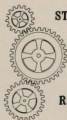
RICHARD H. CHARLES, '69, is a planning engineer with Western Electric, Dallas, Tex. He received a Master of Science degree in Engineering Administration from Southern Methodist University on May 20, 1973.

GENERAL MOTORS INSTITUTE

Mu Beta

J. C. McQUEEN, '71, now lives in Plymouth, Mich.

JOHN F. SUCHAN, '75, is attending Baldwin-Wallace College, Berea, Ohio.



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SERVICE as an officer in an alumni organization or the national Fraternity, or as an interim committee member.

PLACEMENT SERVICE

The Executive Council has authorized establishment of a Theta Tau Placement Service:

EMPLOYEES: A member seeking employment should submit a brief paragraph about himself for inclusion in a bulletin "Available for Employment," and a one-page resume, photocopies of which will be sent to employers whose needs he may fill. A member placed through this service is asked to contribute 5% of his first month's salary to the Fraternity's Operating Fund.

EMPLOYERS: Organizations recruiting engineers are asked to submit brief job descriptions to be listed in a bulletin "Positions Available."

Theta Tau Central Office, 13 Sona Lane, St. Louis, Missouri 63141

Continuing Benefits to Members:

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with fellow alumni
(*having professional or
geographic contact*)
through the magazine, THE GEAR
with an alumni organization
at a Convention or Conference
at Theta Tau events during national
and regional technical society
meetings.

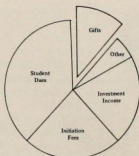
- Life Insurance sponsored by Theta Tau
- Employment Assistance through Theta
Tau Placement Service and Career
Weekends

For further information, contact

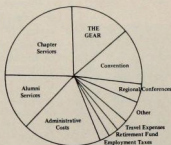
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CAREER WEEKENDS AVAILABLE TO THETA TAUS

As an additional service to Theta Taus, the Executive Council has arranged with Lendman Associates to make that firm's Career Weekends available to all members who qualify. In order to become a Lendman applicant, candidates must be approaching graduation or have a minimum of a four-year college degree and be interested in a position in industry with a starting salary of \$9,000 to \$16,500.

This service will be in addition to the Theta Tau Placement Service inaugurated last year seeking to match up members seeking employment and those positions listed with the Central Office. For further information about Career Weekends, contact Mr. Stephen M. Campbell, Lendman Associates, P.O. Box 14027, Norfolk, Virginia 23518.



omega

Robert C. Straka Passes Away



ROBERT C. STRAKA, Jr., *Carnegie Tech '47*, Group Vice President for Research and Development at the Carborundum Co., passed away on March 24, 1973. Brother Straka had been named to that post in February, 1973, after serving as a Vice President of the company since 1966. Prior to joining Carborundum in 1952, he was associated with the Harbison Walker Refractories Co.

Brother Straka was a member of the board of Fansteel, Inc., Chicago; and a regional chairman of the Carnegie executive board. He was active in numerous professional organizations as well as local business and charitable organizations in his home town of Niagara Falls, N.Y. These include the Foundry Equipment Manufacturers Assn., American Ceramic Society, and the Refractories Institute. He is survived by his wife and three daughters.

Straub, Gulf Oil VP, Dies



JOHN EDWARD STRAUB, *Louisville '50*, Vice President of Gulf Oil Co. in charge of environmental control, passed away on October 14, 1972. A resident of Houston, Texas at the time of his death, Brother Straub started his professional career with Spencer Chemical Co. at its Charlestown, Indiana works as a process operator. He served in a variety of operating and engineering management positions at Henderson, Kentucky; Vicksburg, Mississippi; and Kansas City, Missouri.

Brother Straub became associated with Gulf Oil when it acquired Spencer Chemical. He moved to Houston, Texas in 1965, serving as Vice President of Gulf's Petro Chemical Division before assuming the post of director of Air and Water Conservation. He is survived by his wife.

Bradford, Ex-AS&R Official, Dies

ROBERT D. BRADFORD, *Utah* '24, retired President of American Smelting and Refining Co., died February 26, 1973. Brother Bradford was western division Manager of AS&R in Salt Lake City before being transferred to the company's headquarters in New York. There he became Executive Vice President in 1959 and President in 1963. He retired in 1969.

Brother Bradford was an active scout, serving as a commissioner in El Paso, San Francisco, and Salt Lake City. He was

among the first four to be honored with the Alumni Distinguished Honor Award from the University of Utah. He was a member of the American Institute of Mining, Metallurgical and Petroleum Engineers; American Mining Congress; Sigma Xi Scientific Honor Society; the Alta Club; and Pi Kappa Alpha social fraternity. At the time of his death he resided in Greenwich, Connecticut. He is survived by his wife, a son and a daughter, and seven grandchildren.

In Memoriam

Allan W. Ackerman, *Columbia* '29-7/4/70
Ernest R. Aruidson, *Iowa* '30
Paul G. Aruidson, *Iowa* '30-4/28/70
Albert C. Bangs, *N.C. State* '24-12/18/72
Charles H. Bartlett, *Illinois* '21-12/68
Jason E. Barton, *Missouri at Rolla* '30-1/2/73
John H. Boetjer, *Missouri at Rolla* '43-5/21/73
Lewis A. Bond, *Berkeley* '17-8/1/72
Lawrence J. Booher, *Arizona* '33-11/22/72
Leroy T. Brown, *Colorado Mines* '26-4/21/70
Frederick W. Buck, *Minnesota* '09-10/30/73
Geoffrey E. Clifford, *Columbia* '31-5/60
John M. Conrow, *Charter Montana Tech* '33-7/20/71
Edwin R. Decker, *Michigan Tech* '44-7/16/73
James L. Dopp, *Minnesota* '17
Gordon E. Dunlap, *Columbia* '32-4/8/58
Arthur L. Endress, *Michigan Tech* '21-7/28/72
William R. Fiedler, *Ohio State* '30
Henry H. Forbes, *Colorado Mines* '13-1/30/72
Walter L. Foster, *Columbia* '21
Philip A. Gallagher, *Virginia* '32-12/29/51
William F. Gray, *Hon. Alabama* '34-7/7/73
Francis B. Griffith, *Michigan Tech* '22-6/21/73
John F. Guilmartin, *Alabama* '33-6/26/73
John B. Hancock, Jr., *Virginia* '34-8/31/50
James M. Hewes, *Utah* '41-2/26/73
Robert J. Heyman, *Charter GMI* '67-4/21/73
James P. Huber, *Iowa* '44
John L. Hutton, *Colorado Mines* '25-10/10/64
John D. Jarvis, *Illinois* '29-12/3/72
George T. Jevne, *Minnesota* '10-4/20/72
Edward D. Kemble, *Case Western* '28-5/9/73
Herman H. Kueteman, *Arkansas* '53
Clifford S. LaVake, *Ohio State* '29
Thomas L. Long, *Kansas* '31-4/15/72
John C. McIntyre, *Iowa* '31-1/28/54

William L. McPherrin, *MIT* '14-7/14/73
Glenn W. Merritt, *Michigan Tech* '22-5/21/73
Wilson B. Michie, *Virginia* '32-5/15/71
Julian H. Needler, *Charter Illinois* '17
Everett W. Noble, *Syracuse* '27
Larry L. Owen, *Charter Illinois* '16-1968
Carl E. Painter, *Kansas* '14-5/4/73
R. I. Parker, *Charter Kansas* '12-1/21/73
Gerald H. Parkinson, *Colorado Mines* '25
William C. Parrish, *N.C. State* '29-11/26/69
William C. Phelps, Jr., *Purdue* '52
Foster M. Poole, *Illinois* '21-8/70
Walter W. Potokar, *Illinois* '33
William K. Price, Jr., *Virginia* '32-11/10/57
Carl E. Rantzow, *Iowa* '31
Lawrence B. Rayl, *Case Western* '28-12/22/72
Waldemar P. Ruemmler, *Missouri at Rolla* '38-2/15/73
Frank W. Schreiner, *MIT* '26-4/15/73
Warren B. Scobey, *Berkeley* '41-7/3/73
George M. Shepard, *Minnesota* '09-6/15/73
Kenneth M. Smith, *Iowa* '32-1963
Samuel Smith, *Wayne State* '51-10/72
Richard D. Snow, *Ohio State* '38-6/9/73
Carl V. Spangler, *Ohio State* '30-11/22/72
Chester E. Stahl, *Virginia* '32-12/6/72
Arthur D. Thomas, *N.C. State* '30-1/21/73
Elver R. Turnquist, *Case Western* '29-5/27/70
Clyde A. Walker, *Berkeley* '52-8/2/72
Maximilian G. Walton, *Virginia* '26-3/20/73
George G. Waters, *Illinois* '21-5/69
Earl F. Wollam, *Ohio State* '32-5/2/73

CORRECTION: Brother Frank S. Boyer, *North Carolina State* '44, was incorrectly reported deceased in the last issue. He resides in Arlington, Va.



Additions to Membership

BETA CHAPTER

- 1056 Dennis Kirk Polzien '74, Gladwin, Mich.
1066 Bruce Michael Bourdon '75, Muskegon, Mich.
1067 Raymond Sruba '75, Muskegon, Mich.
1068 Thomas Francis Kern '75, Muskegon, Mich.
1069 Mark Allen Clement '75, Iron Mountain, Mich.

GAMMA CHAPTER

- 1146 Danny Phillip Sprouse '73, Englewood, Colo.
1148 Dwayne Gene Krugman '72, Lynch, Nebr.
1154 Bentley Fleming Badgett II '74, Madisonville, Ky.
1155 Chad Reynolds King '74, Farmington, N.M.
1156 John Wesley Hart '74, Aurora, Colo.
1157 William Arnold Anderson '73, Golden, Colo.
1158 Albert Charles Compton '74, Ewa Beach, Hawaii
1159 Gary Lawrence Bauer '74, Brighton, Colo.
1160 Joseph Ellery Burford '74, Grand Junction, Colo.

ZETA CHAPTER

- 754 Donald Wayne Mitchell '75, Merriam, Kan.
755 Mark Joel Komen '74, Chicago, Ill.
756 Steven Lloyd Wiseman '74, Hutchinson, Kan.
757 Gary Blaine Bamber '76, Hays, Kan.
758 Dale Patrick Arand '75, Overland Park, Kan.
759 Walter Joseph Wrobel '76, Evergreen Park, Ill.
760 Michael Robert Graham '77, Concordia, Kan.

MU CHAPTER

- 1011 Calvin Michael Talley '75, Fultondale, Ala.
1012 James Robert Adams, Jr. '77, Tuscaloosa, Ala.
1013 Barry Charles Berry '76, Scottsboro, Ala.

XI CHAPTER

- 378 John Edward Bandsma '75, Burnett, Wis.
379 Bruce James Kenneth Haas '75, Madison, Wis.
380 Terry Allen Hinderman '76, Madison, Wis.

- 381 James Henry Kamperschroer '74, Madison, Wis.
382 John Howard Karrow '73, Appleton, Wis.
383 Edward Arthur Kowalski '74, Marinette, Wis.
384 David Alan Schultz '76, Madison, Wis.
385 David Alan Beula '74, Appleton, Wis.
386 Robert Thomas Brooker '74, Appleton, Wis.
387 Bradley Denver Goodell '76, Janesville, Wis.
388 David Glenn Porter '75, Greendale, Wis.

OMICRON CHAPTER

- 829 Terry Lynn Cox '74, Iowa City, Iowa
830 Raymond Spreat Kekea '73, Iowa City, Iowa
831 Frederic Je Parrish '73, Iowa City, Iowa
832 Donald Dean Sibert '75, Cedar Rapids, Iowa
833 Peter Mang-Tang Tay '73, Hong Kong

RHO CHAPTER

- 821 Paul Albert Bauer, Jr. '76, Wilson, N.C.
822 Michael Kent Brady '77, Winston-Salem, N.C.
823 David Anthony Finger '73, Newton, N.C.
824 Ronald Keith Kiser '75, Cherryville, N.C.
825 Glenn Collins Lampley '74, Durham, N.C.
826 William Arthur Martin, Jr. '76, Durham, N.C.
827 Cecil Vivian Parks '76, Durham, N.C.
828 Jerry Dudley Smith '75, Cherryville, N.C.
829 Larry Michael Wann '76, Bel Air, Md.
830 Stanley Armitage Wilkins, Jr. '76, Durham, N.C.
831 Phillip Bryan Wright '77, Dallas, N.C.
818 Mark Winston Seagondollar '75, Raleigh, N.C.
819 Lawrence Charles Stoker, Jr. '74, Asheville, N.C.
820 Gary Walter Voncannon '73, High Point, N.C.

SIGMA CHAPTER

- 665 Luis Felipe Gomez, Jr. '76, Puerto Rico
666 Dale Owen Harlan '75, Cincinnati, Ohio
667 James Walter Houf '75, Chillicothe, Ohio
668 Brian Robert Kelm '76, Lisbon, Ohio
669 Robert Craig Miller '75, Columbus, Ohio
670 Earl Allen Proetzel '76, Cinnaminson, N.J.

TAU CHAPTER

- 724 Walter Donald Dekin '74, Deer River, N.Y.
725 James Allen Kellerhouse, Jr. '74, Elizaville, N.Y.
726 Donald Francis Poordman '74, Stroudsburg, Pa.

UPSILON CHAPTER

- 787 Douglas Oran Adcock '75, Smith, Ark.
788 Gregory Morris Carter '75, Little Rock, Ark.
789 Robert Andrew Wood '75, Firebaugh, Calif.
790 James Lewis Howles '74, Fayetteville, Ark.
791 Carl Phillip Schneider, Jr. '74, Little Rock, Ark.

PHI CHAPTER

- 490 David Emil Breaz '76, Munster, Ind.
491 Mark Alan Davis '76, Marion, Ind.
492 James Marc Mantock '76, Cincinnati, Ohio
493 Richard Orrean Reuss II '76, Blue Island, Ill.
494 John Steven Barnhart '76, Beech Grove, Ind.
495 Robert Kevin Hyatt '76, Mission, Kan.
496 Alan David Johnson '77, Anderson, Ind.
497 Steven Carleton Johnson '76, Washington Court House, Ohio
498 David Robert Jordan '76, Indianapolis, Ind.
499 Donald Edward Kuzma '77, Brook Park, Ohio
500 Richard Phillip Westerman '76, West Lafayette, Ind.

PSI CHAPTER

- 551 Gregory Alan Stephens '74, Cut Bank, Mont.
552 Thomas Allan Behling '74, Darry, Mont.
553 David Charles Duffy '74, Butte, Mont.
554 Michael David Bowman '73, Anaconda, Mont.
555 Richard Raymond Lile '74, St. Regis, Mont.
556 Michael Martin Goldrick '74, Cut Bank, Mont.
557 Ralph Dale Tronstad '74, Fort Shaw, Mont.
558 John Albert D'Hooge '74, Havre, Mont.
559 Terry John Bowman '75, Anaconda, Mont.
560 Paul William Dale '76, Twin Bridges, Mont.
561 Gregg Allyn Bosard '75, Tucson, Ariz.
562 John Charles Thomson '76, Butte, Mont.
563 Charles Ray Chebul '76, Butte, Mont.
564 Mark Raymond Ervin '75, Houston, Tex.
565 Darrell Robert Scharf '74, Butte, Mont.

OMEGA CHAPTER

- 768 John Arthur Begeman '76, Parker, S.D.
769 Carey Scott Cole '76, Kennebec, S.D.
770 Gregory William Gettman '76, Norfolk, Neb.
771 Patrick Day Hallauer '76, Watertown, S.D.
772 Rich Alan Heig '75, Clark, S.D.
773 Dennis Lee Howe '76, Baltic, S.D.
774 Gerry Alex Keller '75, Torrington, Wy.
775 Stephen Wray Koller '75, Edgemont, S.D.
776 Wayne Keith Larsen '76, Colome, S.D.

- 777 Robert Blaine Parker '76, Lemmon, S.D.
778 Larry James Pawlowski '76, Sturgis, S.D.
779 David Scott Story '76, Sturgis, S.D.
780 Clark Edward Switzenberg '76, Athol, S.D.
781 Steve Lyle Youngstrom '76, Mt. Vernon, S.D.
782 Gary Harold Zoodsma '76, Ashton, S.D.
783 Warren Gordon Sutton *Hon.* '64, Rapid City, S.D.

GAMMA BETA CHAPTER

- 539 Philip Murray Leibowitz, '76, Baltimore, Md.
540 Sean Patrick Walsh '76, Norwalk, Conn.
541 George Edward Russell, Jr. '76, Annapolis, Md.
542 Lloyd Emerson Powell '76, Annapolis, Md.
543 Edward Alan Gold '76, Silver Spring, Md.
544 Ned William Rhodes '75, Minneapolis, Minn.

DELTA BETA CHAPTER

- 490 Michael Andrew Bryson '76, Ashland, Ky.
491 Don Andrew Poulter '77, Louisville, Ky.
492 Larry Edward Schindler '77, Louisville, Ky.

ETA BETA CHAPTER

- 183 Ricardo Castillo-Ortiz '76, Houston, Tex.
184 Fred Alan O'Bannon '75, Houston, Tex.
185 Frederick Thomas Tilton '76, Houston, Tex.
186 Vincent Riley Walters '75, Houston, Tex.
187 Kenneth Wayne Beck '77, Houston, Tex.
188 Larry Joe Earhart, Jr. '77, Houston, Tex.
189 M. J. R. Christian Merven '72, Houston, Tex.
190 Stephen Lee Reddick '75, Houston, Tex.
191 Martin Lafayette Sewell, Jr. '75, Houston, Tex.
192 Joseph Anthony Anderson '76, Houston, Tex.
193 Ronald Wayne Saums '75, Houston, Tex.

KAPPA BETA CHAPTER

- 186 John Irvine Paulk *Hon.* '52, State College, Miss.
187 Thomas Dean Beu '75, Covington, La.
188 John Edward Didlake, Jr. '74, Columbus, Miss.
189 Barry Lane Doner '75, Meridian, Miss.
190 Dewayne Joseph Garrett '75, Pass Christian, Miss.
191 Charles Clark Hudson '74, Philadelphia, Miss.
192 Donald Bryce Lomax '75, Clinton, Miss.
193 James Lee Lyles, Jr. '74, Meridian, Miss.
194 David Thurman McMillen '75, New Albany, Miss.
195 Voss McRaney, III '75, Ocean Springs, Miss.
196 Joseph Elmer Monti '74, Bay St. Louis, Miss.
197 William Arthur Prather '75, Jackson, Miss.
198 George Richard Schimmel, Jr. '75, Macon, Miss.
199 Charles Edward Beardon, Jr. '74, Natchez, Miss.

- 200 Wallace Gordon Carpenter '73, Sidon, Miss.
 201 Robert Sidney Chancellor '76, Laurel, Miss.
 202 Doris Richard Coghlan '75, Philadelphia, Miss.
 203 Jerry Lee Donovan '76, Clinton, Miss.
 204 Scott Stribling Fulton '75, Union, Miss.
 205 Temple Luke Fulton '76, Jackson, Miss.
 206 Jack Wayne Ladner '75, Pass Christian, Miss.
 207 David Guyton Mardis '75, Clinton, Miss.
 208 Larry Joe Moon '75, Boyle, Miss.
 209 Bruce Alan Mowry '74, Brooksville, Miss.
 210 Dennis Glenn Reed '76, Columbus, Miss.
 211 Edward Aycock Senter '76, Macon, Miss.
 212 Cecil Jeremiah Stegall '76, Pontotoc, Miss.
 213 Gary Alon Tipton '75, Jackson, Miss.
 214 Edward Charles Tompkins, Jr. '74, Laurel, Miss.
 215 Paul Rodney White '74, Maben, Miss.
 216 Felon Ray Wilson '75, Monticello, Miss.

LAMBDA BETA CHAPTER

- 82 Robert Wayne Dunson, Winter Haven, Fla.
 83 William Edward Griggs, Jr., Nashville, Tenn.
 84 Paul Dexter Reece, Memphis, Tenn.
 85 Donald Lee Williams, Jr., Greenbrier, Tenn.
 86 Joseph Lane Worsham, Jr., Memphis, Tenn.
 87 Steve Patrick Austin, Baxter, Tenn.
 88 Michael Lynn Brown, Troy, Tenn.
 89 John Cordner, Jr., Woodlynne, N.J.
 90 Nicholas John De Santis, Brooklyn, N.Y.
 91 Johnny Ray Evans, Whitwell, Tenn.
 92 Thomas Allison Hogan, Sevierville, Tenn.
 93 Ronald Gene Holdaway, Chattanooga, Tenn.
 94 Richard Wayne Bowman, Gallatin, Tenn.
 95 Ralph Houston Freedle, Portland, Tenn.
 96 Gary Allen Clark, Bradley, Ill.
 97 Erwin Dwight Holman, Manchester, Tenn.
 98 Dennis Edward McCloud, Monterey, Tenn.
 99 James Gower Currey, III, Nashville, Tenn.
 100 John Lawrence Dreher, III, Nashville, Tenn.
 101 Harold Alexander Jayees, Newport, Tenn.
 102 Harold Wilson Johnson, Baxter, Tenn.
 103 Bobby Joseph Lancaster, Union City, Tenn.
 104 George Randy Lewis, Clarksville, Tenn.
 105 Harry Townsend Morgan, Jr., Chattanooga, Tenn.
 106 Neil Robert Ranft, Jr., Redstone Arsenal, Ala.
 107 Mickey Lelan Willoughby, Haines City, Fla.
 108 Daniel Joseph Brink, Lawrenceburg, Tenn.
 109 Lawrence Carney Buchanan, Nashville, Tenn.
 110 William Harold Grigsby, St. Joseph, Tenn.
 111 Michael Ellis Thomas, Gallatin, Tenn.
 112 Raymond Courtney Woods, Wise, Va.
 120 Michael Lynn Ambrose '75, Erwin, Tenn.
 121 Dale Edwin Baese '75, Allardt, Tenn.
 122 Roger Dale Britton '75, Huntland, Tenn.
 123 Steven Eugene Glenn '75, Brentwood, Tenn.
 124 Allen Fort Gwinn, Jr. '75, Nashville, Tenn.
 125 Michael Lynn Phillips '75, Erwin, Tenn.
 126 Jerry Donald Blackburn '74, Cookeville, Tenn.

- 127 Albert Earl Greer '75, Hendersonville, Tenn.
 128 Dale Edward Jones '76, Clarkrange, Tenn.

MU BETA CHAPTER

- 3 Cleon Crosby McLaughlin (Charter), Paw Paw, Mich.
 80 Charles Wesley White '67, Ontario, Calif.
 127 Daniel Ayers Norrick, Hagerstown, Ind.
 128 Gary William Bizub, South Milwaukee, Wis.
 129 James Michael Sliz, Vandalia, Ohio
 130 John Richard Staples, Jr., Newfane, N.Y.
 131 Scott Corey, Libertyville, Ill.
 132 Robert Lee Harding, Vandalia, Ill.
 133 Joseph Andrew Hulway, St. Clair Shores, Mich.
 134 Albert Christopher Kerr, New Castle, Penn.
 135 Kevin Deland Markle, Warren, Mich.
 136 Edward Marlin Mellinger, Jr., Camp Hill, Penn.
 137 Robert Eugene Myers, Bowling Green, Ohio
 138 John Francis Suchan, Independence, Ohio
 139 Mark Leonard Van Slembrouck, Warren, Mich.
 140 Richard Frederick, Wanser, Jr., Dayton, Ohio
 141 Rick Allen Perry, Kansas City, Mo.
 142 Dennis Richard Swihart, Clio, Mich.
 143 Winston Churchill Wilder, Kettering, Ohio
 144 Richard Leo Engel, Tonawanda, N.Y.
 145 Warren Frederick Enser, Jr., Saginaw, Mich.
 146 Philip Gaughan, Jr., Forestville, Conn.
 147 Steven William Holland, Detroit, Mich.
 148 Danny Lynn Ingram '76, Edwardsville, Kan.
 149 Thomas Craig Karvala '75, Stambaugh, Mich.
 150 Kenneth Joseph Cornet '77, Indianapolis, Ind.
 151 Joseph Patrick Fannon '77, LeRoy, N.Y.
 152 David Michael Stockero '77, Santa Barbara, Calif.

The winners of the annual newsletter and photo contests for the past school year were selected prior to the Regional Conferences held this past fall and winter. Shown on the cover is Phi Chapter's winning photo entry, a picture of the Chapter's Batt Boat which is entered in competition with similar boats from three other fraternities on the campus.

Newsletter award certificates were presented to the respective Chapters at the Regional Conference also. Taking first place honors was *The Zeta Zephyr* of Zeta Chapter, the University of Kansas. Second place went to *As the Gear Turns* of Lambda Beta Chapter, Tennessee Technological University. A tie for third place was shared by *Xi Lights* of Xi Chapter, the University of Wisconsin and *The Link*, Phi Chapter, Purdue University.



chapter news

Across the country there is beginning to show an upswing in fraternity chapter membership. We begin to see a return to normalcy from the anti-Greek attitudes of just a few years ago. The topic presented to Chapter Corresponding Secretaries for coverage in this issue was the Chapter's rush program. How structured is the program? Does the school aid in any way? What are the successful methods? From the limited number of responses meeting the deadline one might conclude that student members are hard at work implementing the programs herein missing; or possibly the upswing is significant and any method is working this year.

ALPHA CHAPTER

University of Minnesota
515 Tenth Avenue, S.E.
Minneapolis, Minnesota 55414



Alpha Chapter got off to a great start this year with the Founders' Day meeting. Although suffering from lack of membership in the past few years, we are rapidly growing. Rushing was successful this year as we have recruited a number of pledges. The Professional Leadership and Development Program has given the actives and pledges an insight toward various aspects of industry and engineering.

The Chapter has become involved with the Minnesota Society of Professional Engineers. We toured the maintenance operations of Northwestern Airlines with the MSPE. Each month we attend their meetings and tours as part of our PLD Program.

In November we attended the Northern Regional Conference at Xi Chapter in Madison, Wisconsin. Alpha received the award for the most man-miles traveled.

We had a "Fifties" exchange party with Alpha Delta Pi sorority with Brother Leu as "Teenangel." We have a Christmas party planned with Alpha Omicron Pi sorority.

Earlier this fall we challenged the alumni to a

football game in which they proceeded to triumph over us. In winter and spring quarter we are looking forward to a number of activities including IT Talent Show, Engineering Week, Casino Party, Campus Carnival, and the Spring Formal.

JERRY WEINZEL
Corresponding Secretary

GAMMA CHAPTER

Colorado School of Mines
Box 13, Colorado School of Mines
Golden, Colorado 80401

GOLDEN
COLORADO

Theta Tau is a leader in campus affairs at the Colorado School of Mines. Our rushing program is directed at leaders and potential leaders in varsity athletics, student council, and all honor societies which are associated with campus affairs. We have found that the only satisfactory method of rushing is by personal invitation.

Members who are acquainted with individuals who have qualities which would make them a good Theta Tau nominate the individuals for membership to the Fraternity. A letter is written to each prospective pledge which includes an invitation for membership, history of Gamma Chapter and Theta Tau, information about financial obligations, and pledge activities. The letters, instead of being mailed, are then delivered to each prospective pledge at his home by the entire membership of the Fraternity. This visit by the whole Fraternity is very impressive because it shows the pledge the great unity which Gamma has.

About a week after the letters are delivered, the pledges meet at the plinth and polish our coat of arms which is mounted on the east side of the plinth. Pledging takes place twice a year, just before homecoming in the fall and engineers' day in the spring. The pledges cast their own gears in the metallurgy lab. These gears are then presented to them at the homecoming or engineers' day dance. After the dance, formal initiation is held and the pledge becomes a brother.

GEORGE PULS
Regent

THE GEAR OF THETA TAU

EPSILON CHAPTER

University of California

North Gate Hall, Univ. of Calif.

Berkeley, California 94720



This year, through cooperation with our faculty advisor, Epsilon Chapter was able to obtain the use of a conference room on campus in which to hold our meetings as we do not have a house and needed a convenient location. Our meetings this quarter have been geared to rush programs in the hopes of re-viving Theta Tau once again on the Berkeley campus. In the idea of becoming better known among

our fellow engineers, we have obtained space on the Engineering Bulletin Board. We are currently displaying a poster of Theta Tau—showing the coat of arms, a brief outline of Theta Tau, and notices of upcoming speakers, movies, and events. We are glad to say that we have received some response from this display. Also at our disposal is space in the weekly *Engineering News*.

To date we have shown a few movies on engineering works and problems facing engineers. Among our speakers we have had alumni come and give presentations on bio-engineering and construction management. Also, we are fortunate to have had our advisor give a talk and slide presentation on his adventures abroad as a change of pace for the program.

Our main objective for the year is to rebuild and make Epsilon a thriving Chapter of Theta Tau.

JERRY SERVENTI

Corresponding Secretary

OMICRON CHAPTER

University of Iowa

Theta Tau Box, Engineering Bldg.

Iowa City, Iowa 52240



The brothers at Omicron Chapter list brotherhood as one of the most important aspects of our Fraternity. This feeling is reflected in Omicron's pledge program as prospective pledges are invited to

meet the brothers at a coffee and kegger. Both events are utilized by the brothers to meet prospective members and to try to become somewhat acquainted with them. Having become somewhat acquainted with a number of engineers interested in the Fraternity, the brothers can meet with them personally in the weeks that follow, and try to induce them to pledge by demonstrating the merits

of brotherhood and the other aspects of the Fraternity. Members of Omicron try to instill a sense of brotherhood in their pledges during their pledgship.

Students who attend a Theta Tau rush function will find themselves being greeted by Theta Tau members on the street and in class as the brothers show an active interest and concern for them not only as a prospective member, but also as a fellow engineer. The most important point we can make with a prospective member is that we want them to be a part of Theta Tau.

RICHARD RUMMELHART

Corresponding Secretary

XI CHAPTER

University of Wisconsin

1633 Monroe Street

Madison, Wisconsin 53711



As an experiment for the fall, 1973 semester, Xi Chapter developed a completely revised approach to the rushing and pledging program. The program consisted of four new concepts. An explanatory poster was especially designed so

that dates and announcements could be renewed after each activity by simply replacing a type-written insert. Primary contacts with prospective pledges were made through visitation sessions held in the University dorms. An effort was made to emphasize personal contacts with friends, urging them to consider Theta Tau. Finally, our rushing program was climaxed by an Open House and Spaghetti Supper, where each member was asked to bring one guest.

The pledge program at Xi was altered also, to make it more meaningful and applicable to the interests of the new rushees. Invitations to pledge were personally delivered by active members who chose to be their big brothers. The formal pledging ceremony was delayed to allow certain border-line men to finalize their decision. During the first part of the pledging period, students who decided to pledge worked closely with their big brothers on a one-to-one relationship to learn more about Theta Tau.

A major objective of the new pledge program was to complete the initiation exams early in the pledging period. This allowed the prospective members to become involved in fraternity activities earlier in the semester, and be less concerned with memorization from the pledging manual. The final weeks of pledging were not bogged down with a multitude of activities that the pledge would not have time for, and that might normally compel him to decide not to join. This semester's pledges have now been initiated in the traditional manner.

We are using their criticisms and assistance to design an even better and more successful program for our Spring Semester rush.

BRAD BENNETT
Corresponding Secretary

RHO CHAPTER

North Carolina State University
Box 5282
Raleigh, North Carolina 27607



In these days of general apathy towards fraternities, Rho Chapter is still having excellent success with a closed rush for new members. The rush program itself could be outlined in five general steps. (1) Names of prospective pledges are obtained not only from each brother, but also from instructors and professors in the school of engineering. These teachers are asked to pay particular attention to the freshmen and sophomores in their classes. (2) Each prospective pledge is then invited to come to an open meeting of the Chapter. (3) At the open meeting, the prospective pledges are introduced to the brothers and to the activities of Theta Tau. Our proven method has been the use of a narrated slide show going through representative functions of our Chapter. (4) Following the open meeting, the Chapter proceeds to vote to extend these students a bid to pledge. Prior knowledge of the students and personal data sheets are used to decide the vote. (5) Upon acceptance of their bid, the students become pledges and enter our six to eight week pledge period.

In the past two semesters, we have been able to pledge 22 men, so the success of our program is obvious. We only hope we can maintain our numbers by this proven method.

JAMES M. ROBINSON
Vice Regent

UPSILON CHAPTER

University of Arkansas
1322 West Cleveland Street
Fayetteville, Arkansas 72701



A sound rush program is vital to the survival of a fraternity. Different fraternities have different ways of organizing rush programs. At Upsilon Chapter, we use the same basic format every semester. The Dean of Engineering cooperates with us in this effort. He supplies us with a list of all the engineering students and their grade points. From

this list, the prospects are selected. A letter is sent to the rushees informing them of our rush events. They are then contacted personally and by telephone. Two smokers are usually held. At the smokers, the rushees can meet the members and look the house over. Catfish Lodge, our big party, is usually held during our rush effort. We invite the rushees to come to "Catfish" to get better acquainted and have a good time.

As in anything else, a rush program cannot be successful without hard work. So each member must do whatever he can to contribute to the success of the rush program.

WALTER COFFMAN
Scribe

GAMMA BETA CHAPTER

The George Washington University
725 23rd Street, N.W.
Washington, D.C. 20006



In the past Gamma Beta Chapter has not had an organized rush program. This, coupled with the small size of George Washington's engineering school has resulted in a serious decrease in Chapter size. To combat this, we have started designing a program. Brother Pope, Executive Secretary, visited us in early October and helped us to use the rush guided design material. We also had help from Rho Chapter when they visited us for the Regional Conference.

The School of Engineering supplied us with a list of new students and has in other ways cooperated with us. We decided to use the format of a "smoker" that Rho has had success with, as our main rush event.

Reviewing the list of new students, we invited people brothers had had personal contact with and had recommended. We also contacted sophomores and juniors who had expressed an interest in the Fraternity. Two of these meetings will have been held before the middle of the school year, and we are hoping for success.

SEAN PATRICK WALSH
Vice Regent

Twenty-five years ago Theta Tau delegates and officers met at the Hotel Knickerbocker in Chicago on December 28th to hold the Seventeenth Biennial Convention. Fraternity membership had passed the 10,000 mark in the preceding year. Twenty-four Chapter delegates devoted their efforts to make the Russell G. Glass Convention an outstanding success.

LAMBDA BETA CHAPTER
Tennessee Technological University
514 North Walnut Avenue
Cookeville, Tennessee 38501

COOKEVILLE



Two years ago, Lambda Beta initiated an organization directly affiliated with the Chapter to be known as "The Little Sisters of Theta Tau." The chief purpose of

this growing organization is "to promote fellowship among its members, and social life and activities in conjunction with Theta Tau." At the time of its creation, there was some degree of skepticism among the brothers as to whether such a program would be beneficial to our brotherhood. With time, the skepticism has vanished; the program has proven to be a success.

From our experience, we would like to stress that a major ingredient in a successful little sister program is a top quality rush period. It is a time when brothers and potential little sisters interact, delving into all phases of one another's personalities to determine, without a doubt, not only if the girl would be an asset to the Chapter, but also if the Fraternity would be right for her.

HOUSTON ALUMNI ASSOCIATION

The Houston Alumni Association meets on the second Wednesday of each month at a home or apartment of a member. Meeting locations are set up three or four months in advance. A quarterly newsletter is published. The Association participates in the City of Houston football and softball leagues. It sponsors a semi-annual alumni "Golf Classic."

This past year the Association observed Founders' Day with forty brothers and

We have certain basic guidelines that are closely followed in the selection process. Candidates must be full-time students at Tennessee Tech. We will not rush any woman who is lavaliered, engaged, or married, or any woman who has in the past been lavaliered, engaged, or married to a brother of this Chapter. Also ineligible are little sisters or members of sister affiliates to another fraternity on campus.

If an interested woman meets the basic requirements and the brotherhood elects to let her begin an introductory period into Theta Tau of a three week duration, she will be expected to learn pertinent information regarding Theta Tau as well as information about each active. Weekly examinations are given to insure this. But the most important aspect of the introductory period is the association between the candidates and the brothers. Each party must honestly weigh the merits of the other—the people it will have close contact with throughout the school year.

Let me conclude by mentioning that a Chapter's little sister program can only be as good as the Chapter itself. If the Chapter falters, so will the program. However, Lambda Beta insists that its program is the best!

BOB LOVITT
Corresponding Secretary

wives or dates attending a theater-dinner-dance. Alumni also joined with Eta Beta Chapter to celebrate that Chapter's anniversary.

DETROIT ALUMNI ASSOCIATION

Detroit area alumni meet on the first Friday of every month. A formal meeting is followed by a housing association meeting and a social evening of cards, pool, and talking. The Association sponsors two large social functions each year: a Memorial Day Picnic and a Founders' Day Dance.



MENASHA, WISCONSIN—Brother Robert E. Pope, Grand Scribe and Executive Secretary of Theta Tau, was one of four Greeks highlighted in the "Fraternity Factors . . . Builders in Modern Greekdom" section of the April, 1973 *Banta's Greek Exchange*. In addition to his efforts for Theta Tau, Brother Pope also serves as Secretary and Interfraternity Research and Advisory Council delegate to the Professional Interfraternity Council. He is a member of Sigma Tau, Tau Beta Pi, Phi Lambda Upsilon, and Omicron Delta Kappa honor societies; AICH_E, ACS, ASEE, and the Engineers' Club of St. Louis.

Iota Chapter's "Beautiful" Ugly Man

Many university campuses across the country hold annual "Ugly Man" contests with the purpose of raising funds for charitable causes. In most instances it is a short term affair with various housing organizations sponsoring a candidate, dressing him up as their Mr. Ugly, and canvassing the campus and community in an effort to raise the most money among those competing. Many chapters of the Fraternity participate in such contests. However, Iota Chapter at the University of Missouri at Rolla is more deeply involved in that campus program—it is the annual sponsor.

The UWR Ugly Man Contest is of a much broader scope than the typical campus affair. It has expended the fund distribution from a single cause to numerous charities selected each year by Iota Chapter from recommendations of an operations committee. The fund raising is also carried on during the entire school year. Annual collections of \$7,000 to \$8,000 are realized.

Iota's program is somewhat similar to other Ugly Man contests. Each interested housing residence elects its Ugly Man (and this past year some not-so-ugly Ugly Women) candidate, working toward awards for most money for candidate and highest per capita collection. The traditional grotesque cos-

tumes and makeup, however, have been replaced by a sincere approach for cooperation.

Iota Chapter has sponsored the UMR contest for the past ten years. Initially the project was a part of the March of Dimes annual campaign. Several years ago the Shriners program for crippled children was added. In the past two years, Iota Chapter has handled fund distribution itself.

A monument to the success of the program is a mobile heart-scanning machine given to the Phelps County Health Department Home Health Agency. This unit has been used to examine more than 1400 school children for heart defects. Other agencies sharing over \$8,000 in needed funding assistance include the Rolla Regional Diagnostic Clinic, Retarded Children's Olympics, the Children's Speech Clinic at Edgar Springs, and the Skill Builder's School (a special school in Rolla for children with learning disabilities).

Brother Steve Robertson, Iota Chapter Regent last year, along with co-advisors Professor Frank Capek and Dr. John Rockaway and the entire Chapter, had a most successful fund drive in 1973. The results of their efforts are seen in the faces of the children who directly benefit from the project.

Women Theta Taus: Pro

BY RICHARD RUMMELHART, IOWA '76

While studying in our chapter room early this year I happened to overhear part of a conversation between an Iowa engineer and a prospective student. The conversation went something like this. "Members of our organization include half of the *Iowa Transit* staff, officers in the Industrial Engineering Seminar and Associated Students of Engineering, half of the Iowa Concrete Knue team, and members in the Interdepartmental Volleyball league."

Recognizing the speaker, I knew the person was a member of a well known national organization that used a gear as a symbol. This organization could have been Theta Tau except in this case the speaker was a woman—a member of The Society of Women Engineers. "The Society of Women Engineers is a professional organization of graduate women engineers and women with equivalent engineering experience. It is a non-profit educational service organization dedicated to making known the need for woman engineers and encouraging young women to consider an engineering education." ("An Invitation to Join S.W.E." From No. M-01)

With the establishment of a S.W.E. chapter on

the Iowa campus, female engineering students at Iowa have found an organization that will develop in its members a degree of professionalism, provide them with an opportunity to work with other engineers, and prepare its members to return to work after short retirement. Principles similar to those of S.W.E. have long been a basic part of Theta Tau, although we have not admitted these principles. The opportunity to benefit from them should apply to all engineers regardless of sex. In turn, the fraternity should be given a chance to benefit from the membership of outstanding women.

Many of my brothers have said that Theta Tau is a fraternity which strives for professionalism among its members. They say that to allow women to become members would reduce Theta Tau to the level of a social fraternity. I feel that this is not true and by not allowing women to become members we are reducing the professional standards of the Fraternity. We are proud of alumni like Captain V. Sobieralski. Are there reasons why we should not consider other outstanding engineers like Doctor Dresselhaus, an Associate Department Head in Electrical Engineering at M.I.T., other than the fact that they are women?

An Issue of the Day

It no doubt seems improbable to most alumni members of the Fraternity that there could exist any controversy in Greekdom today regarding women as members of the male fraternity chapter and the resulting coed housing arrangements. It seems just yesterday that all arguments on the presence of the opposite sex were aimed at overthrowing "archaic" institutional rules regarding how late at night women were allowed within the confines of the living residence and whether or not they could be allowed to pass through the sacred door into the living quarters beyond. The social activities of most fraternity chapters were and still are based on the division of sexes.

Yet today there exists a controversy regarding opposite sex membership in fraternities. It surfaced at the Theta Tau 29th Biennial Convention and was and continues to be noticed in exchange mail with other fraternities. Grand Scribe and Executive Secretary Bob Pope has even been called upon to deliver a speech on the issue (see page 8). The result of this issue will be decided by democratic means in the future, but it is appropriate to highlight

the pros and cons in preparation for that confrontation.

Those in favor of coed fraternities stress the factors of sex equality and the "demands" of women's lib. At some institutions, officials in authority are reluctant to allow formation or existence of an organization which is restrictive in membership by virtue of its constitution and bylaws. There is fear that "equal rights" legislation could be interpreted in a manner resulting in potential economic restitution to individuals claiming unfair treatment.

Advocates of the existing system stress the basic fundamental values of the present situation. The article on the bottom of this page keynotes the potential biological and psychological side-tracking of ideals. Others stress the intrinsic values related to maturing and developing leadership and poise. There is documentary evidence of failures in attempts of coed fraternity living. And finally, a call is made for a list of redeeming values of such an arrangement.

The issue has raised its head, and Theta Tau as well as all other fraternities will be faced with resolving it in the near future. —JMW

A Brotherhood of Brothers

BY HAL JAYNES, TENNESSEE TECH '74

One of the most important questions we as brothers of Theta Tau must ask ourselves today is, "Should brotherhood involve only brothers?" All around us other fraternities are facing the same crucial question. When then should we trouble ourselves with the problem when perhaps it will be solved for us?

Our Fraternity shares some of the goals of the others, but we do have one important difference—"... to develop and maintain a high standard of

professional interest among our members." We must consider our goals and ideals carefully. An important idea to be considered is that the common ideals of our Fraternity are more likely to be attained within an association of men, than within an association of men and women together. This statement is not meant to deny women the social or professional benefits of our Fraternity, but only to assure that we will not be biologically or psychologically side-tracked from our goals and ideals.

NOTICE OF ALUMNUS ADDRESS

Send names and addresses of any alumni you know who *may* not be receiving THE GEAR to Theta Tau Central Office, 13 Sona Lane, St. Louis, Missouri 63141.

Name _____ Chapter _____ Class
Year _____

Street _____

City _____ State _____ ZIP Code _____

Reported by _____ Chapter _____ Class
Year _____

Street _____

City _____ State _____ ZIP Code _____

Be sure the Theta Taus you know are receiving THE GEAR.

RECOMMENDED STUDENTS

Mail to Robert E. Pope, Executive Secretary, 13 Sona Lane, St. Louis, Missouri 63141. Include relatives and other recommended students at accredited schools whether or not Theta Tau yet has a chapter at that school.

I recommend that the following student(s) in engineering be considered for Theta Tau membership:

Name _____ School _____

Mailing Address _____ Major _____

_____ Expected Graduation Date _____

Remarks:

Signed _____ Chapter _____ Year _____

NOTICE OF DECEASED MEMBER

Please give as complete information as possible, including biographical data known, clippings, etc. Send to Theta Tau Central Office, 13 Sona Lane, St. Louis, Missouri 63141.

Name _____ Chapter _____ Class
Year _____

Address _____

Date and place of death _____

Name and address of nearest relative _____

Reported by _____ Chapter _____

Address _____

Relationship to deceased _____

CHANGE OF ADDRESS NOTICE

Send to Theta Tau Central Office, 13 Sona Lane, St. Louis, Missouri 63141.

Name _____ Chapter _____ Class
Year _____

Old address:

Street _____

City _____ State _____ ZIP Code _____

New address:

Street _____

City _____ State _____ ZIP Code _____

Permanent address from which mail will always be forwarded to you:

Street _____

City _____ State _____ ZIP Code _____

GIFTS TO THETA TAU

Make checks payable to Theta Tau Fraternity and mail to Robert E. Pope, Executive Secretary, 13 Sona Lane, St. Louis, Missouri 63141.

I enclose the following contribution to Theta Tau:

As an unrestricted gift \$ _____

For the Founders' Memorial Fund \$ _____

Name _____ Chapter _____ Class
Year _____

Street _____

City _____ State _____ ZIP Code _____

ALUMNI NEWS

THE GEAR needs news about you and other alumni. Include promotions, job changes, professional honors, family news. Send to Theta Tau Central Office, 13 Sona Lane, St. Louis, Missouri 63141.

Name _____ Chapter _____ Class
Year _____

Address _____

News of yourself and/or others _____



Theta Tau Directory

Theta Tau Fraternity was founded at the University of Minnesota, Minneapolis, Minnesota, on October 15, 1904, by: ERICH J. SCHRADER; ELWIN L. VINAL; WILLIAM MURRAY LEWIS; and ISSAC B. HANKS.

PAST GRAND REGENTS

ERICK J. SCHRADER, *Alpha*, (1904-1919)*
GEORGE D. LOUDERBACK, *Epsilon*, (1919-1925)*
J. SIDNEY MARINE, *Eta*, (1925-1927)*
RICHARD J. RUSSELL (DR.), *Epsilon*, (1927-1931)*
FRED COFFMAN, *Lambda*, (1931-1935)*
HERMAN H. HOPKINS, *Beta*, (1935-1937), 3320 Culver
Avenue, Evanston, Ill. 60201
JOHN M. DANIELS (DR.), *Nu Hon.*, (1937-1939), 338
Pinewood and Cole Road, Sarver, Pa. 16055
RUSSELL G. GLASS, *Sigma*, (1939-1946), Saddleback
Lane, Gates Mills, Ohio 44040
RALPH W. NUSSER, *Zeta*, (1946-1948), 609 West Dart-
mouth, Kansas City, Mo. 64113
NORMAN B. AMES, *Gamma Beta*, (1948-1950)*

DONALD D. CURTIS, *Omicron Hon.*, (1950-1952)*
JAMISON VAWTER, *Zeta*, (1952-1954)*
A. DEXTER HINCKLEY, *Theta*, (1954-1958), 154 East
River Road, Guilford, Conn. 06437
CHARLES W. BRITZIUS, *Alpha*, (1958-1962), 662 Crom-
well Avenue, St. Paul, Minn. 55114
WILLIAM K. REY (PROF.), *Mu*, (1962-1966), P.O. Box
664, University, Ala. 35486
C. RAMOND HANES, *Sigma*, (1966-1968), 2190 S. Wapak
Road, Lima, Ohio 45805
CHARLES E. WALES (DR.), *Epsilon Beta*, (1968-1972),
113 Webster St., Morgantown, W.Va. 26505

* Deceased.

EXECUTIVE COUNCIL

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29451 Cunningham Dr., Warren, Mich. 48092
GRAND VICE REGENT JOHN M. DEALY (DR.), *Kansas* '58
355 Grosvenor Ave., Montreal 215, Quebec, Canada
GRAND SCRIBE ROBERT E. POPE, *Kansas* '52
13 Sona Lane, St. Louis, Mo. 63141
GRAND TREASURER CHARLES W. BRITZIUS, *Minnesota* '33
662 Cromwell Ave., St. Paul, Minn. 55114
GRAND MARSHAL FRED E. ARMSTRONG, JR., *Alabama* '61
P.O. Box 80667, Atlanta, Ga. 30341
GRAND INNER GUARD ALLAN E. HRIBAR (DR.), *Purdue* '65
327 Stratford Ave., Pittsburgh, Pa. 15232
GRAND OUTER GUARD STEPHEN J. BARTH, *Tennessee Tech* '67
230 No. Franklin, Greensburg, Ind. 47240
STUDENT MEMBER THOMAS R. HERMAN, *Louisville* '73
2106 Confederate Pl., Louisville, Ky. 40208
DELEGATE-AT-LARGE CHARLES E. WALES (DR.), *Wayne State* '53
113 Webster St., Morgantown, W.Va. 26505

CENTRAL OFFICE

Robert E. Pope, *Kansas* '52, Executive Secretary, 13 Sona Lane, St. Louis, Mo. 63141

REGIONAL DIRECTORS

NORTHERN LAWRENCE F. FELTSIEN, *Minnesota* '62
3503 Richmond, St. Paul, Minn. 55112
CENTRAL RALPH H. WALES (PROF.), *Wayne State* '54
16510 Hiland Trail, Linden, Mich. 48451
EASTERN JAMES W. BRADLEY, *Ohio State* '62
517 Cottage Lane, Monroeville, Pa. 15146
WESTERN JACK E. PAYNE, *Utah* '62
4363 Wessex Drive, San Jose, Calif. 95123
SOUTHERN CHRIS KING, *Tennessee Tech* '73
626 N. Washington, Cookeville, Tenn. 38501

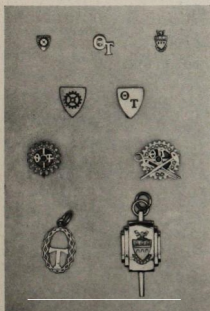
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13 Sona Lane
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Jewelry available through Central Office: For information and prices contact Theta Tau Central Office, 13 Sona Lane, St. Louis, Mo. 63141.

CHAPTER ANNIVERSARIES

Ten Year

Iota Beta, University of Detroit—February 15
Kappa Beta, Mississippi State—November 21

Twenty Five Year

Delta Beta, University of Louisville—May 20

Fifty Year

Rho, North Carolina State—February 16
Sigma, Ohio State—November 29