

The GEAR of THETA TAU

CONTENTS

The Elwin L. Vinal Convention	2
1971 Regional Conferences	5
1970-71 Executive Committee	6
Contributors to Progress	7
Additions to Membership	8
In Memoriam	13
Education: The Business of the Educator?	15
About This Issue	16

THETA TAU FRATERNITY
13 Sona Lane
Saint Louis, Missouri 63141

Address Correction Requested

Non-Profit
U.S. POSTAGE
PAID
Menasha, Wisconsin
Permit No. 5

About This Issue

This supplement issue is an assemblage of material from the years 1970 and 1971 when no GEAR was published. Consequently, the contents are primarily documentary and historical. Normal GEAR publication will resume with the next issue.



A 355
55114
Charles W. Britzhus
662 Cromwell Avenue
St. Paul, Minnesota

Many chapters provide service to their communities by hosting Xmas parties for underprivileged children. Here Phi Chapter's Santa and two of his helpers are making preparations for the Chapter's "L'l Urchins" Party.

• THE GEAR is the official publication of Theta Tau, National Professional Engineering Fraternity, and is published fall and spring. The magazine is an educational journal devoted to matters of Fraternity interest and is sent at no cost to alumni whose addresses are on record. • Send change of address to 13 Sona Lane, St. Louis, Mo. 63141. • THE GEAR is printed by The Collegiate Press, Menasha, Wis. Third class postage has been paid at Menasha, Wis. 54952.

Twenty-Eighth Biennial Convention

The Elwin L.

Eta Beta Chapter, University of Houston, hosted the Twenty-Eighth Biennial Convention held December 27-30, 1970, at the Shamrock-Hilton Hotel, Houston, Texas. Attended by one hundred forty one members of the Fraternity, the Convention again showed how men assembled from a diversity of backgrounds, geographical areas, educational institutions, and engineering fields are united to achieve instrumental gains through the common bond of brotherhood in Theta Tau.

Named the Elwin L. Vinal Convention after Founder Number Two, the Convention evaluated reports and acted on motions made by twenty-two committees, the Executive Council, and the other National Officers. In addition to Convention business, those attending also toured the NASA Manned Spacecraft Center and the University of Houston.

First Convention Session

The Convention schedule began with registration, credential review, and setting up of chapter displays on Sunday morning, December 27. The First Convention Session was held that afternoon. Temporary Chairman Brother David Brown, *Eta Beta* '70, Chairman of the Host Committee, called the Convention to order and the National Officers were received by the Convention. Grand Regent Charles E. Wales, *Epsilon Beta* '53, was presented the gavel as presiding officer. After the call of the roll, the Grand Regent declared the Convention lawfully convened. Reports were made by the Grand Regent; Grand Vice-Regent Jay N. Thorpe, *Lambda*

'57; Grand Scribe and Executive Secretary Robert E. Pope, *Zeta* '52; Grand Treasurer Charles W. Britzius, *Alpha* '33; Grand Marshall William K. Rey, *Mu* '45; Grand Inner Guard George G. Dodd, *Zeta* '60; Grand Outer Guard John M. Dealy, *Zeta* '58; Eastern Regional Director James W. Bradley, *Sigma* '62; and Northern Regional Director James L. Reynolds, *Alpha* '58. After general announcements, the session adjourned.

The Convention's opening dinner was held Sunday evening. Brother Dealy served as Toastmaster. The invocation was given by the Rev. Mr. Bartniski. Following the meal, Brother William J. Leach, *Eta Beta* '50, Assistant Dean, Cullen College of Engineering, University of Houston, gave an address titled, "The Last Ten Years." Brother Richard E. Beard, Jr., *Delta Beta* '71, concluded the dinner meeting with a presentation on his Chapter's Little Sister Program. Following the dinner, the Convention committees held meetings to prepare their reports.

Monday, December 28

Following breakfast Monday morning, December 28, Brother Joe A. Ewing, *Kappa Beta* '73, presented a sound film on his Chapter's activities entitled "Telling It Like It Is." The Second Convention Session, the Chapter Officers' Workshop, immediately followed. The duties of Chapter Officers and the forms and publications provided by the Central Office were reviewed. The members then returned to the various committee meetings.

Delegates were split into groups by regions for the Monday luncheons. The Regional

Vinal Convention

Directors met with the members from their regions to discuss regional interaction and to finalize plans for the 1971 Regional Conferences.

The Third Convention Session was the beginning of committee reports. Before the first report, unanimous Convention approval was given to offer honorary membership in Theta Tau to Mr. David E. Lind (a non-engineer) in response to a request by Eta Beta Chapter. Committee reports were made by the Auditing Committee, Constitution and Bylaws Committee, and the History Committee. Discussion was heard on professional review of Central Office records, conditions allowing a chapter to exceed fifty member maximum limit, eligibility of women to membership, and extension of material regarding Fraternity history in the Pledge Manual. An Amendment to the Constitution granting the Grand Regent power to temporarily waive the fifty member limit was passed.

Grand Chapter Memorial Service

After recessing the third session, the ritualistic Grand Chapter Memorial Service honoring the beloved dead of the Fraternity was conducted. Dinner was then held with Brother Thorpe performing the duties of Toastmaster. Brother Britzuis gave the invocation. The Honorable C. Raymond Judice, Supreme Advocate of Phi Alpha Delta Law Fraternity, was introduced as a special guest. Concluding the meal were slide presentations by Brother Walter Priebe, *Mu Beta '74*, showing Chapter activities and Brother Walter Segsworth, *Beta '71*, showing

Michigan Tech's Winter Carnival and Beta Chapter's Ice Statue entries.

The Fourth Convention Session, held Monday evening, was a Ritual Workshop led by Brother Dodd assisted by the members of the Initiation Team. Following the session, the committees went back to work.

At the Tuesday, December 29, morning Breakfast, Brother Ronald Farmer, *Phi '72*, made a presentation on his Chapter's house meeting which precedes the regular Chapter meetings and Brother Richard Frounfelker, *Lambda Beta '70*, made a presentation about Tennessee Tech. Breakfast was followed by the tours of NASA and the University of Houston. The Official Convention Photograph was also taken. The entire group then returned for lunch. Brother Bradley served as Toastmaster and Brother Keith W. Statler, *Sigma '72*, gave the invocation. Dr. T. Roger Nudd, Vice-President for Student Affairs, University of Houston, welcomed the Convention. Brother C. U. Kirkpatrick, *Eta Beta '40*, Dean of the Cullen College of Engineering, University of Houston, gave an address entitled "Who Is the Real Culprit?"

Fifth Convention Session

The Fifth Convention Session featured reports from the Long Range Action Committee, Ritual Revision Committee, Alumni Affairs Committee, Chapter Liaison Committee, Colony Program Committee, and Expense Accounts Committee. The following recommendations were adopted: to have the Central Office send a statement of national policy to the Chapters each fall to offset the effects of information transfer with chapter

turnover; to make minor, meaningful changes in the Ritual; and to establish a special representative for Alumni Affairs (appointed by the Grand Regent). Because of the work remaining, a motion was made and passed to hold a special session following the Convention banquet.

The formal Convention Banquet was held Wednesday evening, December 30. Brother Rey served as Toastmaster. After the invocation by Brother Dodd, Alumni member in attendance were introduced. Following the dinner, greetings were read from Past Grand Regent Richard J. Russell, *Epsilon* '19. The Past Grand Regents in attendance, Brothers Britzius, C. Ramond Hanes, *Sigma* '24, and Rey made remarks. Presentations were then made.

Grand Regent Wales presented a Letter of Authorization to the Houston Alumni Club which was received by Brother G. Keith Simpson, *Eta Beta* '70. Iota Beta Chapter was presented the Photograph Contest Award. Newsletter Contest awards were given to Lambda Beta (1st), Phi (2nd), and Kappa Beta (3rd) Chapters by Brother F. Garn Hatch, *Zeta Beta* '56, Editor of THE GEAR of Theta Tau.

Brother Thorpe then presented the Erich J. Schrader Award, given each biennium to the most outstanding chapter in Theta Tau, to Lambda Beta Chapter, Tennessee Technological University. Citations for Valuable Service were presented to Past Grand Regents Hanes and Rey.

Grand Regent Charles E. Wales concluded the Convention Banquet with a short presentation.

Special Session

The Special Convention Session began shortly after the convention banquet. The Publications and Insignia Committee reports were accepted. The Discipline Committee report resulted in passage of a motion to expell Brother Mark Devore, *Iota Beta*. Previous Executive Council action in suspending the charters of Theta and Zeta Beta Chapters was reaffirmed. The budget for the 1970-1972 Biennium was presented by the Budget Committee.

Following breakfast on Wednesday, Brother Robert H. Lambeth, *Psi* '71, made a presentation on the subject of improving student-faculty relationships. Brother Pope then showed the Theta Tau slide presentation, available through the Central Office.

Final Convention Session

The Final Convention Session heard the reports of the Eligibility Committee, Nominating Committee, Convention Planning Committee, Extension Committee, Constitution and Bylaws Committee (second report), Ritual Revision Committee (second report), Schrader Award Committee, Regional Conferences Committee, Professional Development Committee, and Resolutions Committee.

Major action taken was: discussion of female membership; establishment of December 27, 28, 29 and 30 as the dates of the 1972 Convention; amendment of the Constitution and Bylaws to add a student member, elected by simple majority vote of each Convention, to the Executive Council; adoption of changes in scoring of Schrader Award points in several areas; and, adoption of changes to the Pledge Form.

Election of National Officers was held with the following results: Grand Regent, Brother Wales; Grand Vice-Regent, Brother Dodd; Grand Scribe, Brother Pope; Grand Treasurer, Brother Britzius; Grand Marshall, Brother Rey; Grand Inner Guard, Brother Dealy; and, Grand Outer Guard, Brother Thorpe. Resolutions were adopted commending the Host Committee, Brother Pope, Brother Britzius, Past GEAR Editor William E. Franklin and his wife Marjorie. The Convention was designated the Elwin L. Vinal Convention in honor of Founder Vinal.

Prior to the close of Convention business, awards were issued to Kappa Beta Chapter for the Best Display and Best Presentation at the Convention. The result of student delegate ballots for the Convention's Outstanding Delegate was announced with Brother Homer T. Collins, *Eta Beta* Delegate, receiving the distinction. The new Executive Council was duely installed and the Convention closed in proper ritualistic form.

1971 Regional Conferences

CENTRAL—Mu Beta Chapter, Host

The Central 1971 Regional Conference was held on November 26-27, 1971, at Flint, Michigan. Chapters represented included Sigma, Phi, Delta Beta, Epsilon Beta, Iota Beta, and Host Chapter, Mu Beta. Grand Vice-Regent George G. Dodd, Zeta '60, and Central Regional Director Ralph Wales, Epsilon Beta '52, were in attendance.

The two-day program included individual chapter highlight presentations for the preceding two years as well as scheduled topical presentations on rushing, pledge training, chapter headquarters, fraternal cooperation, alumni relations, and Little Sister programs. The National Officers led chapter officer and ritual workshops.

A sidelight to the Conference was a tour of the General Motors Institute Campus. Delegates were also honored with a talk by Dr. Harold P. Rodes, President of GMI, at the opening luncheon. At the conclusion of the Conference the Man-Miles Award was presented to Delta Beta Chapter and the Best Presentation Award to Phi Chapter.

EASTERN—Pi Chapter, Host

Grand Regent Charles E. Wales, Epsilon Beta '53, and Eastern Regional Director James W. Bradley, Sigma '62, led the Eastern Regional Conference held in Charlottesville, Virginia on February 12-13, 1972. Rho, Tau, and Gamma Beta Chapters sent representatives to the Conference hosted by Pi Chapter.

At the initial session each chapter made opening remarks on the highlights of their activities. The remainder of the Conference was filled with chapter presentations on THE GEAR and publications, campus activities, membership problems, housing, alumni corporations, and ritual changes. Brothers Bradley and Wales presented chapter/national relations and a leadership workshop.

The conference banquet on Saturday night, February 12, was concluded with a speech by Brother Bradley entitled "The Engineer's Changing Role—An Observation."

At the closing luncheon, Rho Chapter was awarded the Man-Miles Award and Pi Chapter the Best Presentation Award.

NORTHERN—Beta Chapter, Host

On October 30-31, 1971, Alpha, Omicron, and Xi Chapter representatives joined Host Beta Chapter members in Houghton, Michigan, to hold the Northern Regional Conference. National Officers present were Northern Regional Director Lawrence F. Feldsien, Alpha '62; Central Regional Director Ralph H. Wales, Epsilon Beta '52; and, Chapter Liaison Officer Allan T. Mense, Chi '68.

After chapter highlight presentations, the individual chapters gave reports on the topics of rush, rush promotion, advisership, and professional devel-

opment. An officer's workshop was also held with Brother Feldsien leading the discussion. Following the luncheon on Sunday, October 31, a group discussion was held on the general topic "Suggestions for the Good of Theta Tau." Items discussed were eligibility requirements, chapter size limits, colonization, and inter-chapter communication.

Conference awards went to Omicron—Man-Miles Award, and Xi—Best Presentation Award.

SOUTHERN—Lambda Beta, Host

Lambda Beta Chapter hosted Zeta, Mu, Eta Beta, Kappa Beta, and Upsilon Chapter delegates at the Southern Regional Conference held January 7-8, 1972, in Cookeville, Tennessee. Executive Secretary Robert E. Pope, Zeta '52, and Executive Council Member H. Thomas Collins, Eta Beta '71, were also in attendance.

At the opening luncheon, Brother Pope gave the keynote address. Following lunch, the chapters reported their past year's activities. Chapter presentations on rush and pledge training completed the day. That evening, Brother Allan E. Hribar, Phi '66, led a chapter officer's workshop.

Saturday, January 8, was spent with chapter presentations on ritual, officer responsibilities, chapter leadership, chapter pride, and professional development. Mr. William Farris, Executive Secretary, Tennessee Society of Professional Engineers, gave the address at the closing banquet. The Man-Miles Award went to Eta Beta Chapter, and the Best Presentation Award to Mu Chapter.

WESTERN—Omega Chapter, Host

Rapids City, South Dakota, was the site of the Western Regional Conference, November 26-27, 1971. Epsilon and Chi Chapter delegates were welcomed by Host Chapter, Omega. Grand Outer Guard Jay N. Thorpe, Lambda '57, and Western Regional Director Jack E. Payne, Lambda '62, were present to lead a chapter officer's workshop, a ritual workshop and a chapter guided design program. At the opening luncheon, Dr. H. Peterson, South Dakota Mines Dean of Students, welcomed the entire group.

During the conference, the chapters presented programs dealing with the topics of rush, pledge training, chapter headquarters, and personal and chapter activities. The entire group discussed alumni relations and Fraternity improvements.

Saturday morning, November 27, the entire group toured the South Dakota Tech Campus, Rapid City, and portions of the Black Hills of South Dakota. Speaker at the closing banquet was Dr. A. L. Riemenschneider, Adviser to Omega Chapter. At the conclusion of the banquet, Epsilon Chapter was honored with both the Man-Miles and Best Presentation Awards.

The 1970-71 Executive Council



GRAND REGENT Dr. Charles E. Wales, *Wayne State '53*, is Director of Freshman Engineering at West Virginia University. He was a charter member of Epsilon Beta Chapter and has served as Grand Inner Guard, Grand Outer Guard, and Grand Vice Regent. His work in developing a systems approach to course operation called Guided Design has been recognized by nine teaching awards. His professional activities include the Educational Research and Methods Division of the ASEE, AIChE, Tau Beta Pi, Sigma Xi, and Omicron Delta Kappa. With all these activities, Brother Wales still finds some time to enjoy walking in the beautiful hills of West Virginia.



GRAND VICE REGENT Dr. George G. Dodd, *Kansas '60*, is the Assistant Head of the Computer Technology Department at General Motors Research Laboratories. Brother Dodd has previously served as Grand Outer Guard, Grand Inner Guard, Regional Director, and interim committee chairman. He was the "Outstanding Delegate" of the Twenty-Second Biennial Convention as Zeta Chapter's representative. In 1964, he earned his Ph.D. in electrical engineering at the University of Illinois. He is a member of NSPE, IEEE, Sigma Xi, Tau Beta Pi, Eta Kappa Nu, Sigma Pi Sigma, and Sigma Tau. Brother Dodd is also active in the Episcopal Church and is a member of the Masonic Order.



GRAND SCRIBE Robert E. Pope, *Kansas '52*, also serves the Fraternity as full time Executive Secretary. His continuing efforts provide the important bond between the National Fraternity and the Chapters. In addition to attending every Biennial Convention since his initiation, Brother Pope has visited each of the Fraternities chapters. He is a member of Sigma Tau, Tau Beta Pi, Phi Lambda Upsilon, and Omicron Delta Kappa honor societies; AIChE, ACS, ASEE, and The Engineer's Club of St. Louis. He serves as the Secretary of the Professional Interfraternity Conference and has held other posts with that organization. His other interests include physical fitness, sports, and photography.



GRAND TREASURER Charles W. Britzius, *Minnesota '33*, is President of Twin City Testing and Engineering Laboratory, Inc., and Soil Exploration Company, St. Paul, Minnesota. He has served Theta Tau as Grand Regent, Grand Vice Regent, and Grand Outer Guard. Brother Britzius was recently honored by the Engineers' Club of Minneapolis as the 1970-71 Engineer of the Year. His civic activities include Past District Chairman of the Boy Scouts of America; former Mayor, Village of Deephaven; Alumni Board Member, University of Minnesota; President, Midway Civic and Commerce Association; as well as posts in ASTM, ASCE, and the Minnesota Synod (LCA).

GRAND MARSHALL William K. Rey, *Alabama* '46, has served as Grand Regent, Grand Vice Regent, and Grand Outer Guard. He is also the faculty adviser for Mu Chapter. Brother Rey is Chairman of Aerospace Engineering and Director of the Solid Mechanics Division at the University of Alabama. He is listed in *American Men of Science* and has done research for NASA. He is married and has a son and a daughter.

GRAND INNER GUARD Dr. John M. Dealy, *Kansas* '58, has been chairman of various interim committees and has served as Grand Outer Guard and as a Regional Director. He is an Associate Professor of Chemical Engineering at McGill University, Montreal, Canada. He was elected the "Outstanding Delegate" at Theta Tau's Twenty-First Biennial Convention, and is a member of Tau Beta Pi, Sigma Tau, Omicron Delta Kappa, and AICHE.

GRAND OUTER GUARD Jay N. Thorpe, *Utah* '57, has held the posts of Grand Outer Guard, Grand Inner Guard, and Grand Vice Regent. He helped establish Zeta Beta and Theta Beta Chapters and the Pacific Northwest Alumni Assoc. He is a member of Alpha Phi Omega, IEEE, and the Seattle Professional Engineering Employment Assoc. He has been active in his church, the Latter Day Saints and holds the Boy Scouts' Silver Beaver Award.

STUDENT MEMBER H. Thomas Collins, *Houston* '71, is the first member to fill the post established by the Twenty-Eighth Biennial Convention. As a member of the Executive Council, Brother Collins fills an important role of adding student representation to the governing of the Fraternity between Biennial Conventions. He was Eta Beta Chapter's delegate to the 1970 Convention and was named "Outstanding Delegate."



contributors

Unrestricted Gifts

Theta Tau acknowledges with gratitude the unrestricted gifts received from the following members:

George I. Perryman, Mu '43
Donald L. Peterson, Delta '51
Otto W. Pfahl, Jr., Mu Beta '69
Ross M. Phillips, Epsilon '36
Robert G. Pitz, Pi '24
John W. Pritchard, Pi '52
Michael A. Proulx, Zeta '69
Simon Ramo, Lambda '33
Lindley M. Reith, Gamma '18
Sheldon H. Reynolds, Beta '37
George E. Rhine, Gamma Beta '38
A. Z. Richards, Jr., Lambda '39
James K. Richardson, Iota '32
Ronald S. Robertson, Iota '63
Robert M. Rock, Iota '48
Richard Roome, Alpha '68
Vernon A. Rybski, Sigma '51
Richard A. Saturelli, Iota Beta '64
John H. Sausen, Alpha '42
A. E. Schanze, Zeta '22
Steven A. Schellin, Xi '64
W. R. Schiele, Gamma '41
Jack M. Schmid, Epsilon Beta '51
Charles M. Schmidt, Omicron '60
Donald G. Schmidt, Iota '48
Otto L. Schmitt, Gamma '35
Howard H. Scott, Phi '72
Paul E. Schulz, Epsilon '32
Ronald A. Schwartz, Sigma '68
Richard D. Seaberg, Theta Beta '64

Donald E. Seely, Sigma '66
Larry M. Sessions, Mu '69
Carl M. Shaad, Zeta '72
David R. Shaw, Mu '63
John G. Shea, Jr., Delta Beta '62
K. R. Shellene, Sigma '54
S. Dean Shopper, Iota '51
James A. Simms, Delta Beta '67
Curtis Slagell, Zeta '69
Paul E. Smathers, Rho '52
Daniel M. Smith, Rho '66
Richard D. Snow, Sigma '37
Karl Solomon, Tau '51
J. E. Sommermeyer, Alpha '31
Joel S. Sonnabend, Gamma Beta '52
Russell L. Sorenson, Alpha '27
Leonard F. Starloff, Alpha '38
Ronald E. Starr, Beta '67
Robert V. Stavenik, Phi '50
Richard J. Storm, Omega '68
Clifford D. Stoutner, Omicron '69
Howard M. Strobel, Theta '36
Guy A. Swenson, Eta '12
Richard E. Swenson, Alpha '55
Don C. Tait, Chi '58
Kenneth H. Tanaka, Lambda '69
Carl E. Taylor, Jr., Rho '63
Michael L. Teague, Pi '70
Stanley A. Teiser, Rho '48
Philip A. Temple, Omicron '50
Allen L. Terry, Mu '31

Ralph L. Thomas, Delta Beta '47
Robert P. Thomas, Epsilon Beta '69
Harold B. Thomasson, Gamma Beta '48
Wilfrid M. Thomson, Eta '22
Clarence H. Toensing, Psi '38
Charles C. Towle, Gamma '34
Jon S. Traw, Chi '67
K. M. Trompeter, Omega '62
Ado Valge, Gamma Beta '57
Richard C. Vedder, Iota '66
William L. Virostko, Phi '72
Charles R. Vorck, Alpha '14
Charles E. Wales, Epsilon Beta '53
James L. Walker, Jr., Upsilon '67
John W. Walker, Jr., Gamma '68
William J. Walker, Lambda '21
Robert F. Weyher, Lambda '48
Herbert A. Wicks, Delta '22
Harry C. Williams, Tau '31
Bob O. Wilson, Mu '58
John H. Wilson, II, Gamma '48
James H. Wingard, Mu '22
John D. Winter, Theta Beta '64
J. Harold Witherspoon, Mu '24
Leonard C. Wolff, Iota '42
Robert M. Wolff, Nu '41
Earl F. Wollam, Sigma '58
Michael Wooley, Eta Beta '69
Paul F. Yost, Delta '26
Verneres Young, Eta '16
Robert L. Zahour, Delta '25



Additions to Membership

ALPHA CHAPTER

- 831 Richard Lloyd Jambor, Virginia, Minn.
832 Ronald Leroy Strandlund, Minneapolis, Minn.

BETA CHAPTER

- 1040 Jeffrey Claud Billins, Port Huron, Mich.
1041 Thomas Walter Edinborough, Benton Harbor, Mich.
1042 James Bronce Henderson, III, St. Clair Shores, Mich.
1043 Charles Micheal Goulding, Flat Rock, Mich.
1044 James Henry Kedrowski, Cadillac, Mich.
1045 Brian Scot Henriksen, Farmington, Mich.
1046 Raymond Lloyd Smith (Honorary), Houghton, Mich.
1047 Scott Richard Kater, Houghton, Mich.
1048 Dean William Goldbeck, Lyons, Ill.
1049 Louis James Troha, Jr., Oak Park, Mich.
1050 Michael Paul Miller, Duluth, Minn.
1051 George James Wolard, Iron Mountain, Mich.
1052 Michael John Scally, Rochester, Minn.

GAMMA CHAPTER

- 1196 Larry Duane Hartman, Golden, Colo.
1101 James Robert Black, Lakewood, Colo.
1102 Ronald Floyd Bills, Golden, Colo.
1104 Patrick Michael Claiborne, Midland, Tex.
1115 Robert Raymond Monok, Chicago, Ill.
1116 Gary Wayne Priddy, Odessa, Tex.
1117 Michael Fraser Orlin, Kamuela, Hawaii
1119 Za Walter Johnson, Akron, Colo.
1120 John August Otto, Cody, Wyo.
1121 Stephen Ray Stine, Golden, Colo.
1123 David Victor Bush, Laramie, Wyo.
1124 Michael Ralph Collodi, Boulder, Colo.
1125 Theodore Cyril Borer, Albion, Nebr.
1126 Dennie Wayne Ferrera, Louisville, Colo.
1127 Gary Alan Schwab, Englewood, Colo.
1128 Clifford Wayne Stratton, Jr., Golden, Colo.
1129 Clyde Henry Peppin, Salt Lake City, Utah
1130 William David Weller, Jr., Montrose, Colo.
1131 Thomas Joseph Comi, Pueblo, Colo.
1132 James Ernest Dionisio, Pueblo, Colo.
1133 Kenneth Paul Ferrera, Golden, Colo.
1134 John Patrick Laughlin, Middletown, N.J.
1135 Michael Joseph Roark, Denver, Colo.
1136 Oral Dee Staman, Scottsbluff, Nebr.
1137 Stephen Paul Antony, Denver, Colo.
1138 David Theodore Erickson, Denver, Colo.

- 1139 Gary Wayne Shotton, Eads, Colo.
1140 David Alan Gensch, Evergreen, Colo.
1141 Gene Michael Gehauf, Denver, Colo.
1142 Kenneth Lohn Isenhardt, Grand Lake, Colo.
1143 Dennis Michael Kerstiens, Simla, Colo.
1144 Robert Lyle Heil, Erie, Colo.

DELTA CHAPTER

- 1144 Alan Michael Blischak, Toronto, Ohio
1145 Eric Wayne Demerling, Westlake, Ohio
1146 Raymond Carl Haserodt, Novelty, Ohio
1147 John Michael Johnson, Pawtucket, R.I.
1148 Robert Eugene Kottyan, Bucyrus, Ohio
1149 Cheuk Chung Kwan, Tokyo, Japan
1150 Charles Allen Lockert, Cleveland, Ohio
1151 Timothy Steven Loepprich, Cleveland, Ohio
1152 Kenneth Edwin Marbaugh, Sturgis, Mich.
1153 Timothy John Opar, Lower Burrell, Penn.
1154 Thomas Operchal, New Brighton, Penn.
1155 Charles Albert Pacella, Cleveland, Ohio
1156 Paul Eric Plank, Creston, Ohio
1157 Kenneth Smolko, Parma, Ohio
1158 Steven Robert Buerkel, Newtown Square, Penn.
1159 Thad Steven Hormel, Oakdale, Penn.
1160 Donald William Kastner, Cleveland, Ohio
1161 David Michael Oster, Springfield, Ohio
1162 Steven Daniel Powell, Kettering, Ohio
1163 Jon Joel Schneider, Fremont, Ohio
1164 Gary George Schupska, Geneva, Ohio
1165 Jack Lynn Smith, Johnstown, Penn.
1166 James Frank Soeder, Lyndhurst, Ohio
1167 L. Daryl Tryson, King of Prussia, Penn.
1168 Arthur Millett Unger, Yonkers, N.Y.
1169 Werner Paul Baumgart, Cleveland, Ohio
1170 Virgil John Comanita, Parma Heights, Ohio
1171 Rowland Stephen Demko, Woodside, Long Island, N.Y.
1172 Wing-Kay Leung, Lowloon, Hong Kong
1173 Stephen Paul Mosier, Erie, Penn.
1174 Joseph John Nainiger, Euclid, Ohio
1175 John Louis Petric, Cleveland, Ohio
1176 John Joseph Sevcik, Rocky River, Ohio
1177 Michael Joseph Slimbarski, Cleveland, Ohio
1178 Ronald Harry Snyder, Cleveland, Ohio
1179 Robert Louis Thomas, Midland Park, N.J.
1180 Gerald Steven Vertal, Willowick, Ohio

EPSILON CHAPTER

- 885 Michael Lyle Koski, Albany, Calif.

ZETA CHAPTER

- 733 Stephen Ellis Pieschl, Merriam, Kans.
 734 Jay Bryan Reimer, Inman, Kans.
 735 Wayne Charles Theroff, Kansas City, Kans.
 736 Jon Roger Kern, Kansas City, Kans.
 737 David Lawrence Theel, Leavenworth, Kans.
 738 Thomas Newland Hilleary, Kansas City, Kans.
 739 Mark Kenneth Lesh, Topeka, Kans.
 740 Guy Junior Rolls, Lee's Summit, Mo.
 741 Joseph Glen Callison, Medicine Lodge, Kans.
 742 Victor Louis Patti, Jr., Kansas City, Kans.
 743 Stephen Allen Wilson, Overland Park, Kans.
 744 Rodney Alan May, Kansas City, Kans.
 745 David Leroy Trent, Hutchinson, Kans.
 746 Craig Douglas Buskirk, Erie, Kans.
 747 John Michael Bowen, Independence, Kans.
 748 Randy Thomas Laney, Topeka, Kans.
 749 James Joseph Brokaw, Valley Center, Kans.
 750 Gene Allen Taylor, Kansas City, Kans.
 751 Michael Joseph Brazil, Chanute, Kans.

IOTA CHAPTER

- 1150 Crandall Scott Camenzind, Mchville, Mo.
 1151 Thomas Gary Durham, Vernon, Ill.
 1152 Gary Dale Forsee, Cape Girardeau, Mo.
 1153 Harold Dean Gallaher, Bismarck, Mo.
 1154 Charles Patrick Godwin, Cape Girardeau, Mo.
 1155 Thomas Everett Headington, Decatur, Ill.
 1156 Ted Alan Hollrah, St. Charles, Mo.
 1157 Glenn Alan Jensen, Mexico, Mo.
 1158 Daniel Joseph Llewellyn, St. Louis, Mo.
 1159 Gary Lee Leidwanger, St. Louis, Mo.
 1160 Ronald Dean Markham, Ferguson, Mo.
 1161 Gregory Dan McClain, Chicago, Ill.
 1162 David Raymond Puettmann, Afton, Mo.
 1163 James Clanton Williams, St. Louis, Mo.
 1164 Thomas Russell Barnett, St. Louis, Mo.
 1165 Stephen Joseph Paul Bergholdt, Manchester, Mo.
 1166 Paul Sidney Burke, Jr., St. Louis, Mo.
 1167 Gerald William Kiel, Des Peres, Mo.
 1168 Darryl Moore, St. Louis, Mo.
 1169 Carter Zenko Njus, Redlands, Calif.
 1170 Paul Eunene Pederson, St. Louis, Mo.
 1171 Stephen Lee Robertson, Ste. Genevieve, Mo.
 1172 Hans Karl Schmoldt, Bartlesville, Okla.
 1173 John Kent Shucart, St. Louis, Mo.
 1174 Mark Kevin Armstrong, Shawnee Mission, Kans.
 1175 Steven Anthony Cortopassi, Chesterfield, Mo.
 1176 Charles Louis Flaminio, Springfield, Ill.
 1177 Mark Allan Kassing, Davenport, Ia.
 1178 Robert Joseph Kostelnik, St. Louis, Mo.
 1179 Thomas Edward Kreutz, St. Louis, Mo.
 1180 Charles Randy Lang, St. Louis, Mo.
 1181 Charles Christian McGinty, Neosho, Mo.
 1182 Brian Justin Murphy, Creve Coeur, Mo.
 1183 Salvatore Joseph Pagano, St. Louis, Mo.
 1184 Gary John Pariani, St. Louis, Mo.

LAMBDA CHAPTER

- 916 Robert Harold Trent, Salt Lake City, Utah
 917 Earl Raymond White, Salt Lake City, Utah
 918 David William Efnor, Salt Lake City, Utah
 919 Ronald David Ford, Denver, Colo.

MU CHAPTER

- 968 George Arthur Fidler, Jr., Cullman, Ala.
 969 Roy Richard Browder, Jr., Montgomery, Ala.
 970 James Lowell Entrekin, Lacey's Spring, Ala.
 971 Patrick Dalton, Childersburg, Ala.
 972 Thomas Allen Henry, Tuscaloosa, Ala.
 973 Bernard Douglas McKinney, Jr., Birmingham, Ala.
 974 William Don Minsloff, Butler, Ala.
 975 Roger Allen Peirce, Tuscaloosa, Ala.
 976 Kenneth Charles Sullivan, Tuscaloosa, Ala.
 977 Francis Everette Glenn, Jr., Whatley, Ala.
 978 Donny Carl Hagood, Hueytown, Ala.
 979 Joe David Mills, Gordo, Ala.
 980 Barron Quinton Musick, Sheffield, Ala.
 981 George Barry Patton, Birmingham, Ala.
 982 Michael Corley Simmons, Eldridge, Ala.
 983 William Arthur Walker, Tuscaloosa, Ala.
 984 Donald Alan Duncan, Russellville, Ala.
 985 Michael Furman Beard, Birmingham, Ala.
 986 Kenneth Wayne Branton, Tuscaloosa, Ala.
 987 Malcolm Douglas Hail, Birmingham, Ala.
 988 Lowell Pressley Jernigan, Tuscaloosa, Ala.
 989 Barry Scott Johnston, Tuscaloosa, Ala.
 990 Rodney Howard Kay, Gadsden, Ala.
 991 George Alan Summerford, Coker, Ala.

XI CHAPTER

- 349 James Arthur Guenther, West Allis, Wis.
 350 Kenneth Paul Liesener, Jackson, Wis.
 351 Robert Ernest Panthofer, Whitefish Bay, Wis.
 352 Jerry Allen Rood, Potosi, Wis.
 353 Wayne Owen Utterback, McFarland, Wis.
 354 Wayne Alwin Ziebell, Wausau, Wis.
 355 Kim Gregory Bennett, Evansville, Wis.
 356 David John Collins, Jefferson, Wis.
 357 Theodore Gerald Jensen, Jr., Racine, Wis.
 358 Eugene Dale Martin, Loyal, Wis.
 359 James Louis Neureuther, Menomonee Falls, Wis.
 360 Thomas George Ryer, Beloit, Wis.
 361 Paul Henry Seymour, Peshtigo, Wis.
 362 Daniel Robert Traxier, Menomonee, Wis.
 363 Paul Anthony Vandermus, Sheboygan Falls, Wis.
 364 James Thomas Widmaier, Racine, Wis.
 365 Jerry Floyd Gollnick, Kenosha, Wis.
 366 John Phillips Pederson, Glendora, Calif.
 367 Alan Craig Brooker, Appleton, Wis.
 368 Thomas William Burtard, Madison, Wis.
 369 Clifford David Nadolna, Skokie, Ill.
 370 Stephen Mark Napp, Fennimore, Wis.

THE GEAR OF THETA TAU

- 371 Jack Louis Van Derhei, II, Oshkosh, Wis.
372 Robert Jerome Zik, Two Rivers, Wis.

OMICRON CHAPTER

- 793 Curtis John Amelon, Oxford, Ia.
795 Thomas Alphonse Joseph Huber, Lawler, Ia.
796 Larry Dee Hern, Burlington, Ia.
797 Curtiss Richard Kloss, Iowa City, Ia.
798 Richard Carl Rice, Riverside, Ia.
799 Ronald Roger Riedesel, Wheatland, Ia.
800 Wayne Dean Rogers, Raytown, Mo.
801 Michael Grant Somermeyer, Hamburg, Ia.
802 David Charles Brue, Lake Mills, Ia.
803 Charles Ray Houdesheldt, Keosauqua, Ia.
804 Steven Frederick Laughlin, Iowa City, Ia.
805 Patrick James Lehman, Iowa City, Ia.
806 James Elmer Lenius, Waterloo, Ia.
807 Charles Michael Bowker, Davenport, Ia.
808 Philip Francis Burns, Oxford, Ia.
809 James Leonard Cleppe, Clinton, Ia.
810 Gilbert Alan Janes, Iowa City, Ia.
811 Donald Gustaf Johnson, Jr., Ottumwa, Ia.
812 David Wayne Olsen, West Liberty, Ia.
813 John Francis Regennitter, Oxford Junction, Ia.
814 Steven Richard Warner, Cedar Rapids, Ia.
815 Ross William Wherry, Orion, Ill.
816 Yu Nang Wong, Dubuque, Ia.
817 David William Bright, Muscatine, Ia.
818 Brien Noble Gibson, Cedar Rapids, Ia.
819 Kenneth Paul Messerich, Preston, Ia.
820 David Dodd Miller, Perry, Ia.
821 James Dennis Mitchell, Dubuque, Ia.
822 Jeffrey Lynn Peterson, Aurora, Ill.
823 Steven Richard Satorius, Normal, Ill.

PI CHAPTER

- 802 Randolph Russell Horton, Falls Church, Va.
803 Roger Alan Modjeski, Richmond, Va.
804 Robert Anderson Ellis, Richmond, Va.
805 William Alexander Formwalt, Orange, Va.
806 William Richey Becklung, Alexandria, Va.
807 James Moran Irvin, Wexford, Penn.
808 Andrew Jay, Annandale, Va.
809 Gregory Alan Compton, Laurel, Md.
810 James Michael Amrhein, Richmond, Va.
811 Thomas Ray Phillips, Lorain, Ohio
812 Douglas Monroe Church, Jr., Annandale, Va.
813 Charles Pitt Armstrong, Alexandria, Va.
814 Michael Gerald Otten, Ellicott City, Md.
815 William Syson Spotswood, Jr., Alexandria, Va.
816 Daniel Robert Garst, Louisville, Ky.
817 Charles Byron Beverage, Jr., Richmond, Va.
818 James Naughton McGarvey, Jr., Pittsburgh, Penn.
819 Frank Stringfellow Quinn, Jr. (Honorary), Charlottesville, Va.
820 John William Brawner, Bethesda, Md.
821 Gilbert Tannthill Seese, Jr., Scottsdale, Penn.
822 Ralph Leonard Volk, III, Norfolk, Va.

- 823 Thomas Paul Bracke, Annandale, Va.
824 Douglas Barrack Kelly, Hudson, Ohio
825 Robert Charles Twilley, Jr., Baltimore, Md.
826 Patrick Charles Murphy, Havre de Grace, Md.
827 Freeman Gregory Hudson, Georgetown, Del.

RHO CHAPTER

- 788 Roger LeRoy Allen, Jr., Winston-Salem, N.C.
789 James Larry Hinkle, Brevard, N.C.
790 Robert Deal James, Jr., Raleigh, N.C.
791 James Harold McKinney, Gibsonville, N.C.
792 Albert Franklin Batts, Morristown, Tenn.
793 Allen Bruce Cain, Fayetteville, N.C.
794 Michael Lamar Dalton, Hendersonville, N.C.
795 Joseph Gaston Gentry, King, N.C.
796 Steven Franklin Hine, Winston-Salem, N.C.
797 James Karl Kessler, Middlesex, N.J.
798 Max Steven Mauney, Lincolnton, N.C.
799 John Wesley Spence, Jr., Monroe, N.C.
800 Thomas Neil Talbot, Arden, N.C.
801 Thomas Allen Wells, Henderson, N.C.
802 William Lafayette Whisnant, Jr., Rocky Mount, N.C.
803 Alan Gentry Williams, Durham, N.C.
804 Thomas Bostick Austell, Jr., N.C.
805 Harey Lee Davis, Jr., Lincolnton, N.C.
806 Johnny David Edwards, Raleigh, N.C.
807 Joseph Sherrill Hill, Jr., Marshville, N.C.
808 Steven Lynn Mabe, Seagrove, N.C.
809 Douglas Bailey Phifer, Gastonia, N.C.
810 James Monroe Robinson, Jr., Fayetteville, N.C.
811 Michael David Watson, Knightdale, N.C.

SIGMA CHAPTER

- 648 Douglas Wayne Bodkins, Fredericktown, Ohio
649 Craig Stuart Robinson, Columbus, Ohio
650 Jeffrey Wills Lusk, Troy, Ohio
651 Robert Thomas Parrett, III, Worthington, Ohio
652 Donald Duane Glower (Honorary), Columbus, Ohio
653 Dennis James Humbel, Jr., Norwalk, Ohio
654 Warren Edward Kelm, Lisbon, Ohio
655 Lavern Norbert Meyer, Ottawa, Ohio
656 David Allan Rudd, Akron, Ohio
657 Donald Wayne Myers, Castalia, Ohio
658 Michael David Quinn, Sandusky, Ohio
659 Frederick Dennis Klink, Bucyrus, Ohio
660 Charles Grover Nash, Cincinnati, Ohio

TAU CHAPTER

- 715 Gary Lee Aldrich, Canadagau, N.Y.
716 Robert William Bachtel, Scotia, N.Y.
717 Richard Neal Gardner, Williamsville, N.Y.
718 Andrew Michael Jones, Liberty, N.Y.
719 Charles Davis Whelan, Chester, Vt.
720 Douglas Paul Wiedeman, Oneonta, N.Y.
721 John Arthur LaMontagne, Schenectady, N.Y.

UPSILON CHAPTER

- 741 Robert Monroe Crisp, Jr. (Honorary), Fayetteville, Ark.
 742 Donald Wayne Dearing (Honorary), Fayetteville, Ark.
 743 Robert Alan Gearheart (Honorary), Fayetteville, Ark.
 744 Thomas McKay Riggs, Pine Bluff, Ark.
 745 Charles Dee Batson, Springdale, Ark.
 746 Michiel Paul Skoog, Hot Springs, Ark.
 747 James Alton Hudson, Jr., Fort Smith, Ark.
 748 Don Martin Bradshaw, Little Rock, Ark.
 749 Michael James Sharp, DeQueen, Ark.
 750 Charles Michael Lawrence, Mena, Ark.
 751 Jerry William Burnett, Springdale, Ark.
 752 Gregory Allen Dalke, Decatur, Ark.
 753 John Hugh Roberts, North Little Rock, Ark.
 754 Rick Odell Wood, Ola, Ark.
 755 David Lee Scherer, Fort Smith, Ark.
 756 Philip Murry Ball, DeQueen, Ark.
 757 Nelson Lee Henley, Mansfield, Ark.
 758 Charles Elliott Huggins, Benton, Ark.
 759 Phillip Michael Huggins, Benton, Ark.
 760 William Thomas Flocks, Fort Smith, Ark.
 761 William Charles Hatfield, Russellville, Ark.
 762 Johnny Carl West, Little Rock, Ark.
 763 Allen Doyle Stephens, Lafa, Ark.
 764 Charles Eugene Martin, Van Buren, Ark.
 765 James Edwin Atkinson, Jr., Pine Bluff, Ark.
 766 Leland Randall Chapman, Hickory Ridge, Ark.
 767 Jonathan Del Dockins, Syttgart, Ark.
 768 Elmer Wayne Robertson, III, Manila, Ark.
 769 John Lee Hargis, Subiaco, Ark.
 770 Loren Monroe, Jr., Newport, Ark.
 771 Gary Russell Farr, Blytheville, Ark.
 772 Robert Lester Cross, Ft. Smith, Ark.
 773 Dan Braly Van Horn, Russellville, Ark.
 774 David William Rowe, Washington, Ark.
 775 Robert Paul Cummins, Joplin, Mo.
 776 William Dillon Beal, Greenville, Tex.
 777 Michael William Trickey, Jonesboro, Ark.
 778 Dewey Mark Evans, Pine Bluff, Ark.
 779 Larry James Oden, Hot Springs, Ark.

PHI CHAPTER

- 457 Lance Eugene Brinson, Bloomington, Ind.
 458 Terrence Joseph Coleman, St. Louis, Mo.
 459 Russell John Consdorf, Park Ridge, Ill.
 460 Mark Francis Franzen, North Fond du Lac, Wis.
 461 Peter Kent Harter, Auburn, Ind.
 462 David Anthony Haworth, South Bend, Ind.
 463 Alan Kent Racine, Griffin, Ind.
 464 Byron Robert Schubert, Fort Wayne, Ind.
 465 Michael Paul Sohn, Griffith, Ind.
 466 Robert Trabue Stanfield, Jr., Palatine, Ill.
 467 Richard Adam Fredrick Vater, Pittsburgh, Penn.
 468 Donald Rowland Barrs, Matteson, Ill.
 469 Stephen Carlson Hotchkiss, Brooklyn, Conn.

- 470 Howard Henry Scott, Bedford, Ind.
 471 Robert Alan Andrew Badowski, South Bend, Ind.
 472 Douglas Edward Bauman, Fort Wayne, Ind.
 473 Patrick Clark Bledwoe, Floyd Knobs, Ind.
 474 Mitchell Keith Busch, Geneva, Ill.
 475 Bruce Erik Carlson, Chicago, Ill.
 476 John Robert Frederick, Chagrin Falls, Ohio
 477 Thomas Joseph Gaudion, Kettering, Ohio
 478 Robert Wade Kohlmann, Indianapolis, Ind.
 479 Michael Leo Moon, Ann Arbor, Mich.
 480 Mark Steven Smith, Akron, Ohio
 481 Stephen Alan Nass, Pittsburgh, Penn.
 482 Stephen Andrew Northcraft, Toledo, Ohio

CHI CHAPTER

- 768 Gary Gilbert Beebe, Tucson, Ariz.
 769 Ashley Garner House, Jr., Scottsdale, Ariz.
 770 William Marshall Hughes, Miami, Ariz.
 771 Tommy Lee Kirchner, Hereford, Ariz.
 772 Carl Thomas Lunde, Crookston, Minn.
 773 Joseph Bernard Pfister, III, Tucson, Ariz.
 774 Gary Lynn Rogers, Safford, Ariz.
 775 Robert George Semelsberger, Hereford, Ariz.
 776 Vern William Stoneback, Jr., Tucson, Ariz.
 777 Thomas Francis Victory, Tucson, Ariz.
 778 Randall Edwin Wicks, Jr., Tucson, Ariz.
 779 Gary Jerome Wiltschek, Tucson, Ariz.
 780 Alfred Winzerling, Jamaica, N.Y.
 781 Charles Frank Bradham, Sacramento, Calif.
 782 Kenneth "E" Hunt, Tucson, Ariz.
 783 John Lawrence Stanley, Woodland Hills, Calif.
 784 Anton Raymond Veirup, Tucson, Ariz.
 785 David Monroe Walter, Pine City, N.Y.

PSI CHAPTER

- 537 Thomas Andrew Dale, Twin Bridges, Mont.
 538 Larry Lloyd Harkins, Silver Star, Mont.
 539 John Karl Likarish, Butte, Mont.
 540 John Michael McCarthy, Butte, Mont.
 541 Daniel Lawrence McElroy, Butte, Mont.
 542 Darrell Dean Metz, Midwest, Wyo.
 543 John Edward Howard, Philipsburg, Mont.
 544 Ronald Earl Schuyler, Roberts, Mont.
 545 Kermit Charles Behnke, Great Falls, Mont.
 546 Mark Allen Bossard, Anaconda, Mont.
 547 Roy Lindsay Brown, Billings, Mont.
 548 Thomas Kenneth Hohn, Helena, Mont.
 549 Howard Arthur Lemm, Twin Bridges, Mont.
 550 Gary Olan Munson, Drummond, Mont.

OMEGA CHAPTER

- 725 Eugene Charles Daley, Medina, Ohio
 726 Bruce Packer DeMarcus, Union Center, S.D.
 727 David Bruce Grosek, Lead, S.D.
 728 Jerry Lee Halvorson, Wakonda, S.D.
 729 Todd Douglas Hauge, Sturgis, S.D.
 730 Lynn Robert Kading, Webster, S.D.
 731 Douglas Bruce Quiett, Gettysburg, S.D.
 732 Bruce Leon Anderson, Lake Preston, S.D.

- 733 Thomas Paul Anderson, Sioux Falls, S.D.
- 734 Maxwell Steven Begeman, Parker, S.D.
- 735 Richard Alan Chancellor, Vermillion, S.D.
- 736 Gordon George Flesner, Jr., Philip, S.D.
- 737 Raymond Harvey Keene, Douglas, Wyo.
- 738 Ronald Errol King, Chamberlain, S.D.
- 739 Curtis Donald Morterson, Hayes, S.D.
- 740 Charles Allan Natalie, Milbank, S.D.
- 741 Mark Wayne Opitz, Watertown, S.D.
- 742 Thomas William Polkinghorn, Britton, S.D.
- 743 Paul Hamlet Schuelke, San Carlos, Calif.
- 744 Robert John Smetana, Fulton, S.D.
- 745 Todd Hubler Speece, Yankton, S.D.
- 746 James Owen Steckelberg, Chamberlain, S.D.
- 747 Randall Guy Stickney, Watertown, S.D.

GAMMA BETA CHAPTER

- 534 Albert Carroll Davis, Pasadena, Calif.
- 535 Harold Liebowitz (Honorary), Chevy Chase, Md.
- 536 James Vincent Beall, Oxon Hill, Md.
- 537 William Reid Darrow, Sharon, Mass.
- 538 Michael Angelo Seijo, Silver Spring, Md.

DELTA BETA CHAPTER

- 467 James Richard Allgeier, Louisville, Ky.
- 468 John Bartow Bates, III, Louisville, Ky.
- 469 Francis Michael Benkert, Frankfort, Ky.
- 470 Lawrence Joseph Bibelhauser, Louisville, Ky.
- 471 Bruce Douglas Buch, Louisville, Ky.
- 472 David Francis Garber, Louisville, Ky.
- 473 Robert Lee Higgins, III, Louisville, Ky.
- 474 Thomas Addison Long, Jr., Louisville, Ky.
- 475 Glenn David Nelson, Louisville, Ky.
- 476 Ralph Murray Peck, Jr., Louisville, Ky.
- 477 Richard Joseph Powell, Louisville, Ky.
- 478 William Steven Stokes, Fern Creek, Ky.
- 479 John Vernon Winter, Louisville, Ky.
- 480 Michael Anthony Brennan, Buckner, Ky.
- 481 John Ruley Hayes, Louisville, Ky.
- 482 Eric Alan Hynson, Louisville, Ky.
- 483 Rodney Edward Kosfeld, Louisville, Ky.
- 484 David Keith Amlung, Louisville, Ky.
- 485 Raymond Bruce Bowling, Fern Creek, Ky.
- 486 William Steven Heckman, Louisville, Ky.
- 487 David Earl Stein, Louisville, Ky.

EPSILON BETA

- 250 Paul Stanley Makar, Dearborn, Mich.
- 251 Ronald Franklin Bacon, Farmington, Mich.
- 252 Kevin Barry Patrick O'Buckley, Elmira, N.Y.
- 253 Kenneth Peter Tremonti, Detroit, Mich.
- 254 Ronald Alban Weishaupt, Mt. Clemens, Mich.
- 255 Michael Joseph Nowak, Detroit, Mich.
- 256 Thomas John Chapman, Grosse Pointe Woods, Mich.
- 257 Thomas Calvin Morris, Detroit, Mich.
- 258 Rocky Hodson Page, Southfield, Mich.

- 259 Alberto Luis Peinado, Detroit, Mich.

ETA BETA CHAPTER

- 171 Jonathan Gregory Bidnick, Austin, Tex.
- 172 Larry Lance Chandler, Weslaco, Tex.
- 173 Michael Wiley Mathena, Pasadena, Tex.
- 174 David Anthony Rossi, Pasadena, Tex.
- 175 John Henry Stout, Pasadena, Tex.
- 176 Daniel Eugene Wilson, Houston, Tex.
- 177 David Eugene Lind (Honorary), Bellaire, Tex.
- 178 William Gail Huntsinger, Jr., Houston, Tex.
- 179 John Charles Chapman, Houston, Tex.
- 180 Donald Everett Prible, Houston, Tex.
- 181 Ronald Travis Grimes, Woodville, Tex.
- 182 Dick Alan Kabell, Houston, Tex.

IOTA BETA CHAPTER

- 152 Gerald Edward Fitzgerald, Jr., Wyoming, Mich.
- 153 Joseph Anthony Juszkiewicz, Buffalo, N.Y.
- 154 Richard Joseph Kasprovicz, Buffalo, N.Y.
- 155 Michael Anthony Lischwe, Galesburg, Ill.
- 156 Larry Bledsoe, Fort Wayne, Ind.
- 157 Richard Joseph Bucci, Pittsburgh, Penn.
- 158 William John Karwan, Lincoln Park, Mich.
- 159 James Vincent Kuntz, West Seneca, N.Y.
- 160 Robert James Ostrander, Grand Rapids, Mich.

KAPPA BETA CHAPTER

- 154 William James Bennett, Crystal Springs, Miss.
- 155 Darrell Lee Galey, Greenwood, Miss.
- 156 Harry Forno Garretson, III, Leakesville, Miss.
- 157 Thomas Jefferson Gilbert, Jr., Jackson, Miss.
- 158 Warren Andrew Hatcher, Meridian, Miss.
- 159 John Wiley Miller, Jr., Tupelo, Miss.
- 160 David Brent Rankin, Laurel, Miss.
- 161 Charles Thomas Renforoe, Jr., Vicksburg, Miss.
- 162 Barry Stephen Royals, Laurel, Miss.
- 163 Gary Preston Shows, Laurel, Miss.
- 164 Jerry Gwin Bush, Laurel, Miss.
- 165 Terry Lynn Bush, Laurel, Miss.
- 166 Joseph Edgar Holt, Greenwood, Miss.
- 167 William Grady Horn, III, Bay Springs, Miss.
- 168 Charles Robert Pierce, Meridian, Miss.
- 169 Jefferson Walton Watkins, Moselle, Miss.
- 170 John Wiley Catledge, Greenville, Miss.
- 171 John Bush Hamilton, Ecru, Miss.
- 172 Mitchell Todd Harmon, Memphis, Tenn.
- 173 Robert Henry Lindsey, Corinth, Miss.
- 174 James Edgar Little, New Hebron, Miss.
- 175 Jerry Dean Owen, Pontotoc, Miss.
- 176 Jimmy L. Pittman, Greenwood, Miss.
- 177 John Mark Randall, Columbus, Miss.
- 178 Homer C. Smith, Jr., Vernon, Ala.
- 179 Norman Morris Stewart, Poplarville, Miss.



In Memoriam

- Walter M. Africa, *MIT* '15
John F. Aldridge, *Alabama* '36-5/23/71
Frank L. Allen, *Utah* '12-5/22/54
Abraham J. Alport, *Kansas* '22-6/2/69
Daryl L. Anderson, *Colorado Mines* '71
Edward I. Anderson, *Minnesota* '17-12/29/70
Henry R. Anderson, Jr., *Arizona* '68-12/10/68
Virgil B. Anderson, Jr., *Utah* '49
Frank O. Bacon, Jr., *Arizona* '31
Frank K. Baker, *N.C. State* '23-4/5/56
Harold W. Baker, Jr., *Berkeley* '39-12/9/61
George N. Barrett, Jr., *Case Western* '21
Frederick W. Barney, *MIT* '19-11/24/70
Clarence J. Bastian, *Michigan Tech* '30-6/23/71
Richard A. Baumgartner, *Syracuse* '43-11/23/67
A. B. Beall, Jr., *Colorado Mines* '15-1/24/66
Robert D. Beam, *N.C. State* '26
Robert E. Bell, *Utah* '44-12/20/54
Frederick Benner, Jr., *Syracuse* '30-10/20/69
Don C. Billick, *Berkeley* '13-3/14/71
Walter W. Black, *S.D. Mines* '35
David S. Bloom, Jr., *Kansas* '39-3/69
Russell J. Bodman, *Kansas* '13
Richard M. Bowman, *Ohio State* '51
John G. Bright, *Carnegie Tech* '25-11/25/67
Henry N. Brookings, Jr., *Arkansas* '70-10/30/70
Robert A. Brown, *Virginia* '22-1/6/63
Stephen J. Brown, *Colorado Mines* '37-12/8/68
Robert T. Browning, *Virginia* '29-2/20/69
Russell H. Brush, *Syracuse* '42
Alvah W. Bryant, *Carnegie Tech* '26-10/65
John W. Buch, *Ohio State* '23-5/21/70
Henry A. Buchler, *Hon. Missouri at Rolla* '01
Harry W. Bull, *Syracuse* '32-7/1/71
James H. Burnley, *Virginia* '30-12/59
John W. Burns, *Colorado Mines* '36-12/27/66
Robert L. Burns, *Montana Tech* '45-11/68
Marion K. Burr, *Ohio State* '28-12/15/65
George C. Caine, *MIT* '15-2/10/69
Henry W. Campbell, *Case Western* '22-2/9/59
Joseph G. Carroll, Jr., *Syracuse* '32
Charles J. Chambers, *Wisconsin* '24-5/6/70
Robert J. Christ, *Illinois* '20-3/6/69
Peter L. Christenson, *Wisconsin* '71
Earl F. Church, *Syracuse* '11
Elwood B. Cole, *Illinois* '19-12/29/70
Clarence L. Combs, *N.C. State* '61
Charles F. Cramer, *Michigan Tech* '16
Lloyd A. Cutter, *Missouri at Rolla* '27
Henry N. Cyrus, *N.C. State* '38
John B. Darden, *N.C. State* '28
William W. Dartnell, *Carnegie Tech* '22
Herman F. Davies, *Minnesota* '21
George L. DeMent, *Illinois* '27-3/13/71
Harry A. Dettmer, *Arizona* '40
Arnold C. Dickel, *Berkeley* '13
Clifford K. Diehl, *Kansas* '21-3/1/69
Denton T. Doll, *Case Western* '27-5/2/70
Leon M. Dunning, *Alabama* '29-6/4/71
Gesoner H. Echols, *Virginia* '26-1/20/58
Philip J. Elsey, *Utah* '32-9/19/70
William A. Emerson, Jr., *Arkansas* '49
John D. Evans, *Carnegie Tech* '23
John C. Fast, *Kansas* '18
Raymond H. Fcierabend, *Columbia* '43-3/17/72
Wayne L. Fenner, *S.D. Mines* '30
Eugene H. Gezandie, *Columbia* '17-11/10/57
William M. Fiedler, *Berkeley* '36-6/25/70
Louis O. Fiscel, *Arizona* '26-11/10/68
Carl W. Fischer, *Carnegie Tech* '23-1/8/64
Darrell C. Fisher, *Iowa* '25-11/22/50
David L. Fiske, *MIT* '20
Louis C. Fopeano, *Colorado Mines* '21
James Forchtner, *S.D. Mines* '35-6/11/71
Royal B. Freas, *Columbia* '23-3/20/61
Hovey T. Freeman, *MIT* '16-7/23/70
Hollis O. Frey, *Illinois* '18-10/6/68
Arthur R. Gatewood, *MIT* '21
Lucien W. Gatlin, *N.C. State* '46-5/17/70
Warren R. Gettler, *Missouri at Rolla* '22
Randall F. Gehrke, *Michigan Tech* '29
Arthur E. Giertz, *Illinois* '17
Perry A. Gill, *Colorado Mines* '36-9/12/69
John S. Glunt, *Virginia* '34
Emerson L. Goble, *Illinois* '23-11/18/69
Edward R. Gorman, *Carnegie Tech* '23-12/67
Lake A. Greene, *Arkansas* '31
William J. Gremmels, *S.D. Mines* '37-2/15/71
Leroy A. Grettum, *Minnesota* '23
William H. Griffin, *N.C. State* '53-2/5/70
Nelson Gritton, Jr., *Louisville* '43-3/30/70
J. Robert Guy, *Wisconsin* '26-2/18/71
Raymond J. Haffner, *Missouri at Rolla* '31
James D. Hamm, *Virginia* '40-5/3/43
Edward V. Hardy, *Utah* '25-6/71
Fred W. Hargrove, *N.C. State* '26
Charles M. Harry, *Michigan Tech* '21-2/24/71
Will T. Hartley, *Case Western* '11-10/23/69
Clarence W. Hartman, *Utah* '27
Harold S. Harwood, *Virginia* '29-1/9/55
Albert C. Hasse, *Case Western* '10-8/30/58
Wayne O. Hauck, *Carnegie Tech* '25-6/22/52
Edward J. Haug, *Michigan Tech* '08-10/27/70
Raymond H. Heartel, *Columbia* '41-3/19/68

- Gary A. Heilada, *Michigan Tech* '56—3/27/70
 Daniel S. Helmich, *Minnesota* '15—1/14/70
 Arthur R. Helmkamp, *Missouri at Rolla* '33
 Robert C. Hickman, *Ohio State* '24—6/21/71
 Fisher Hills, *MIT* '29—12/26/67
 William F. Holman, *Minnesota* '04
 Robert L. Houston, *Arizona* '31—5/22/71
 John B. Huebner, *Missouri at Rolla* '31
 Homer L. Hunscher, *Case Western* '19—5/15/50
 Robert P. Hunt, *S.D. Mines* '38
 Murde M. Hutchinson, *Michigan Tech* '46
 Beattie A. Inglis, Jr., *Alabama* '22—12/15/70
 Edward E. Inscoc, *N.C. State* '22—3/27/62
 Roger W. Jenkins, *Missouri at Rolla* '49
 Forrest M. Jennings, *Iowa* '25—7/24/68
 George R. Johnson, *MIT* '23—5/20/69
 Robert H. Jones, *Syracuse* '44
 Albert N. Jorgensen, *Michigan Tech* '24—2/5/69
 Robert S. Joyce, *Columbia* '23—11/1/61
 Vincent A. Kaufmann, *Case Western* '24
 Carroll P. Kemp, *Purdue* '32—70
 Carroll D. Kentner, *Kansas* '28—1/28/71
 William T. Kittinger, Jr., *Houston* '48—9/28/70
 Raymond B. Kittredge, *Hon. Iowa* '06—12/56
 William F. Knapp, *Syracuse* '31
 Merrill B. Knox, *MIT* '20—6/7/70
 Ray S. Kroeschell, *Illinois* '18—65
 Thomas G. LaFollette, *Missouri at Rolla* '32
 Joseph S. LaMer, *Kansas* '19—6/22/69
 Belton R. Lancaster, *Alabama* '36
 Ronald D. Layton, *Colorado Mines* '66—4/4/69
 Reuben F. Leatherwood, *George Washington* '33
 Adolph O. Lee, *Hon. Minnesota* '39—9/10/71
 William E. Leeper, *N.C. State* '18—10/55
 Harold W. Lehmkuhl, *Iowa* '24
 Sigmund L. Levin, *Arizona* '47
 Hugh C. Lewis, *Utah* '10
 Elmer E. Linburg, *Colorado Mines* '24
 Merlin P. Linder, *Syracuse* '41—1/71
 Carl H. Lindgren, *Berkeley* '29—9/70
 Theodore F. Loughry, *Carnegie Tech* '24—3/16/67
 Harry O. Lovejoy, Jr., *Case Western* '25—1/30/71
 William Lucy, *Montana Tech* '53—4/1/70
 Elvin K. Luff, *Kansas* '23—3/9/71
 Joseph P. Lushene, *Minnesota* '25—5/70
 Theodore Malmsbury, *Arizona* '34
 Walter W. Manson, *Minnesota* '49—9/29/71
 Sumner G. Margetts, *Utah* '17—3/24/55
 Joe P. Marlas, *Arkansas* '33—64
 Christian O. Markson, *Minnesota* '22—2/28/70
 Herbert W. Mathiasen, *Virginia* '26—8/7/59
 Grover W. May, *Arkansas* '32
 Aaron F. McCrory, *Illinois* '26—11/1/70
 Michael D. McDonald, *Carnegie Tech* '22—5/14/68
 Edward J. McGough, *Detroit* '57—1/71
 Maclyn McKeehan, *Arkansas* '48—8/6/58
 John R. McShane, *Syracuse* '40
 Edward C. Meagher, *Columbia* '21—3/25/69
 John C. Meikle, *Carnegie Tech* '24—9/3/70
 Donald D. Merrill, *Alabama* '35
 Clarence G. Merritt, *Columbia* '25—11/4/61
 Chester A. Metzger, *Purdue* '23
 Alfred H. Meuche, *Michigan Tech* '05—8/16/68
 Ralph F. Mittendorf, *Case Western* '22—12/13/63
 Joseph C. Modie, *Case Western* '52—7/20/56
 Dwight L. Moodie, *Missouri at Rolla* '24
 Robert E. Morgan, *George Washington* '41
 Charles B. Neil, *Missouri at Rolla* '25—4/70
 Fenn B. Newell, *Michigan Tech* '13—4/12/67
 William M. Nicholls, *Berkeley* '22
 John T. Nolan, *Illinois* '18—12/3/70
 Joseph C. Nowell, Jr., *MIT* '23—2/26/69
 John B. Orynski, *Berkeley* '14—2/22/65
 Burdett A. Otis, *Berkeley* '13—2/6/69
 John Park, *Columbia* '17—3/19/71
 John C. Park, *Arizona* '26—4/9/69
 Harold C. Peace, *Case Western* '22
 Roy F. Penman, *Utah* '18—66
 John C. Perkins, *Case Western* '16—5/25/69
 John S. Perry, *Iowa* '37—10/68
 William J. Peter, Jr., *Louisville* '43—4/11/70
 William C. Phelps, Jr., *Purdue* '52
 Jules L. Phillips, *George Washington* '36
 James M. Potter, *N.C. State* '26—4/12/68
 Horatio Potter, *Columbia* '21—10/66
 Ivor Pounds, Jr., *Missouri at Rolla* '53
 Kenneth W. Powers, *Colorado Mines* '25
 Gilbert E. Putnam, *Michigan Tech* '32
 Richard G. Radue, *George Washington* '31
 Herman P. Rassback, *Carnegie Tech* '25—5/31/70
 Leslie J. Reardon, *Case Western* '16—5/25/69
 Theodore C. Reid, *Kansas* '21—5/16/71
 Paul J. Rhoads, *Ohio State* '41
 Fletcher Rockwood, *Minnesota* '15
 Leonard A. Rose, *Case Western* '48—12/18/68
 William M. Ross, *Michigan Tech* '20
 Roland O. Ruble, *Kansas* '18—5/58
 Allen B. Rowley, *Syracuse* '32—5/29/61
 Ernest L. Ruh, *Alabama* '25—12/4/70
 Robert C. Russell, *Syracuse* '45
 Howard R. Ryan, *Illinois* '20—5/69
 Chester B. Stadler, *Charter MIT* '14—11/1/68
 Rex R. Sage, *Kansas* '41
 Ford W. Sammis, *MIT* '28—2/64
 G. Herbert Sanford, *Syracuse* '29—10/51
 Joseph G. Savery, *Alabama* '48—4/26/70
 Methodius C. Schwer, *Carnegie Tech* '24—2/1/70
 Joseph L. Seaman, *Carnegie Tech* '26
 John J. Seerley, *Colorado Mines* '48—2/8/69
 Ralph L. Seger, *Kansas* '24—11/14/68
 Wayne A. Seigel, *Syracuse* '31—4/64
 Edward W. Seldon, *Virginia* '27—3/5/59
 John Selden, *Virginia* '25—1/30/37
 Richard H. Shaffer, *S.D. Mines* '50—6/11/71
 Gerald B. Shea, *Michigan Tech* '21—9/20/68
 William J. Shedwick, Jr., *Michigan Tech* '09
 Kenneth L. Sherman, *George Washington* '31
 Warren R. Sholes, *Utah* '17
 Irul H. Simmons, *Utah* '21—12/24/53
 John B. Smith, *N.C. State* '55—11/14/70
 John C. Smith, *S.D. Mines* '40—3/70
 Theo T. Spitzberg, *Charter Arkansas* '28
 Donald H. Spitzlie, *MIT* '27—8/16/69
 Paul W. Smith, *Colorado Mines* '35—12/30/68

Education: The Business of the Educator?

Much is still said about education these days. Like it or not, education is costing more, yet is not meeting the quality standards expected of such an expensive item. Most people, once their formal education is completed, readily accept the apathetic attitude of non-involvement—even those students of the past decade who so violently rejected adult apathy have settled down to the same patterns. The move to make education "relevant" to the students may have backfired into making it "fitted" to student acceptance.

Leaving the social and special education oriented views behind for the moment, how can we as Theta Taus help education in general? To justify increased expenditures, any venture in business must show quantitative or qualitative gains. From the same viewpoint, we might consider education as a business managed by our educators. Yet it is a

pretty imposing burden to expect business oriented results where the prime mover is a classroom and the raw material of ever-differing quality. Instead of viewing this complicated business functioning from the outside, it is possible, as Theta Taus, to get partially involved without making a full scale commitment to the effort.

We've already got our foot in one door to helping "educate." At twenty-nine college campuses there are groups of young men bonded to us in a unique brotherhood—one that did something for us and should expect something in return. These men welcome the opportunity to be educated; to learn by interplay with our background of experience.

Education is not only the "Business of the Educator," it is the business of each who has experienced it.—JMW

W. E. Bakke, Epsilon '27
OWNER

W. E. Bakke Oil Company
P.O. Box 6568
San Antonio, Texas

CLIFFORD BERNETT
Petroleum Consultant

P.O. Box 953
8022 Zurich
Switzerland

Telex: 54374
Tel: (01) 271755
Cable: Bankinvest Zurich

FRANK E. MOONEY

General Consultant — Iron and Steel
Technology — Economics — Operations

16812 Van Aken Blvd. — Cleveland, Ohio 44120
Tel. (216) 861-1379

GEORGE W. FLOSSI

G. W. Flossi & Co., Inc.
Management Counseling
and Education

(404) 482-9701
P.O. Box 32490
Decatur, Georgia 30032

TONNE ENGINEERING COMPANY
Consulting Engineers

Minacqua, Wisconsin
Lyle P. Tonne, Sr.

Edmonds, Washington
Lyle P. Tonne, Jr.

ALUMNI, YOU CAN LIST YOUR SERVICES BY PLACING YOUR PROFESSIONAL CARD HERE. RATES ARE \$10.00 PER ISSUE OR \$20.00 PER YEAR. SEND CARD AND REMITTANCE TO

THETA TAU CENTRAL OFFICE
13 SONA LANE
SAINT LOUIS, MISSOURI 63141