

The GEAR of Theta Tau

Volume LXXXI, No. 1

Fall 1999

Cincinnati Chapter Installed
Beta Chapter & MTU - History
Clemson Colony Certified
1999 Leadership Academy
Alumni Hall of Fame Inductees



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Executive Director Robert E. Pope, Z '52, delivering an inspiring speech at a recent chapter installation.

The Gear of Theta Tau is the official publication of Theta Tau National Engineering Fraternity and is published in the 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 Theta Tau Central Office, 9974 Old Olive Street Road, St. Louis, MO 63141-5984. Special third class postage has been paid at Syracuse, New York.



Letter from the Grand Regent



What a terrific year this has been for Theta Tau ... and for me. In this, my first year as Grand Regent, I had the great personal privilege of installing **four** new chapters:

Upsilon Beta	Old Dominion University
Phi Beta	Oakland University
Chi Beta	University of Toledo
Psi Beta	University of Texas at Austin

This growth is absolutely essential to the continued good health of the Fraternity. In the fall we will survey engineering students at several schools to determine the level of interest in starting a Theta Tau chapter. We'll keep you posted on our progress.

As a member of Tau Chapter, I'm delighted to announce an exciting development in our efforts to re-activate Tau Chapter. Due principally to the efforts of Matthew L. Stace, T '85 and *The Gear's* own Sean P. Donnelly, T '88, a local professional engineering fraternity named Theta Tau Sigma was founded on March 24, 1991. Executive Council Student Member Michael T. Abraham travelled from Detroit to lend his expertise during the interview process and the organizational meeting. I anticipate that this enthusiastic group of Syracuse University engineers will become a Theta Tau Colony soon.

In July I authorized the formation of the Milwaukee Area Alumni Club. My hope is that the coming year will see the creation of several more Theta Tau Alumni Clubs. See related article by our Alumni Program Director Janice L. Wiitala, O '90, on page 13.

For those of you who are curious about the jewelry on my lapel in the photograph, that is the insignia of the Professional Fraternity Association; my Theta Tau badge is on my shirt near my heart where it belongs.

At the National Convention last year, the Executive Council realigned the region boundaries to group our chapters more effectively following our recent extension success. We also authorized two additional Regional Directors (for a total of six) to handle the increased load. The Great Lakes Region has nine chapters (in lower Michigan and Ohio) so we assigned **two**

Regional Directors to serve it. Also, Regional Directors were granted a vote at conventions, something I have been fighting for since I became Eastern Regional Director in 1982.

As this issue goes to press we will be meeting in Detroit for our fifth National Conference. The broad program of intense training sessions for our student members ensures that this will be the most productive National Conference ever! Unfortunately, budgetary constraints will keep us from

Chapter and to Epsilon Beta Chapter, both in Detroit. In June I had the distinct pleasure of presiding at a Sigma Chapter initiation ceremony ... I always enjoy visiting Columbus.

Technology has had a huge impact on Fraternity operations this year. More than two thirds of our national officers and chapters now have easy access to the Internet, a world-wide collection of interconnected computer networks, and therefore much of the Fraternity can communicate easily (and for the most part without cost) via electronic mail. I expect that electronic mail will continue to change our Fraternity for the better. If you have access to the Internet try sending email to me at "dean@suvv.acs.syr.edu".

The year ahead will bring many new challenges, and some old ones. Our new computer system has really helped our Central Office to be more productive and to produce higher quality work. Unfortunately, we have long suffered from a shortage of staff and we have found our current headquarters to be somewhat cramped during the last few years. These are two difficult and expensive problems to solve, but I believe we will have to address them in the coming year.

As always, we are going to need your continued assistance to meet these challenges. I'll be writing you soon to solicit your support. Until then, "Whatsoever thy hand findeth to do, do it with thy might."

In H and T,



Dean, xxx!

Dean W. Bettinger, T '81

being able to fully fund the Conference again this year, therefore each Delegate and National Officer has been asked to pay a portion of his travel expenses.

One of the things I enjoy most about serving Theta Tau is the opportunity to make official visits to our chapters. Last January I attended the dedication ceremony for Chi Chapter's wonderful new house which was built from the ground up to their specifications. The timing was perfect as I flew from snow-bound Syracuse to sunny Tucson ... one of the perks of my office. I was able to make brief visits to Xi Beta



NEW APPOINTMENTS

At the 1991 National Conference Grand Regent Bettinger appointed Brad D. Besmer, Ω '86, as Grand Marshal. Brad fills the position formerly held by Anthony M. Hamilton, T '86, who was elected in 1990, but resigned this summer because of the time required for new commitments. Brother Hamilton is currently an intern with the Church of Christ in Chicago; he is working toward becoming a full-time Counsellor for the church.

FAREWELL TO STAFF ASSOCIATE

The Theta Tau Central Office will be bidding farewell to its Staff Associate Brian Reid, Z '91, at the end of September. Brother Reid has been a great help to Executive Director Robert E. Pope while working at the Central Office since the end of May. A recent graduate from the University of Kansas in electrical engineering, Reid has been involved in managing the Fraternity's database of student members and alumni.

Brian will be reporting to active duty as a 2nd Lieutenant at Offutt Air Force Base in Omaha, Nebraska.

His departure leaves vacant the Staff

Associate position, in which a student member or young graduate can work for the national Fraternity. This job calls for a self-motivated member with energy, enthusiasm, and excellent communication skills, available for at least six months. The position requires some travel, provides limited salary and great personal satisfaction. This position must be filled continuously in order to maintain services demanded by our growing fraternity. Interested members should send a resume emphasizing Theta Tau experience to Executive Director Pope in the Central Office.



Executive Director Robert E. Pope, Z '52, and Grand Regent Dean W. Bettinger, T '81, install a new Central Office computer system, summer 1990.

CENTRAL OFFICE RELOCATES

The Theta Tau Central Office was established in 1963 to consolidate the daily operations of the Fraternity at the national level. For the past eight years, the Central Office has been located in leased

space in the Theta Xi Memorial Headquarters.

On November 1, 1991, the Central Office will move to a larger space (approx. 950 square feet) on the first floor of the 655 Office Building located in the Creve Coeur Executive Office Park. The larger facility will promote increased efficiency with anticipated staff growth in the years just ahead. It will also present a superb corporate fraternal image. The address will be 655 Craig Road, Suite 128, St. Louis, MO 63141-7132.

Extension Milestones



Theta Tau's road to extension success included a stop at Southern Methodist University in Dallas for the installation of Tau Beta Chapter.

Southern Methodist University
Dallas, Texas
Tau Beta Chapter Installed
May 4, 1990

Old Dominion University
Norfolk, Virginia
Upsilon Beta Chapter Installed
November 3, 1990

Oakland University
Rochester, Michigan
Phi Beta Chapter Installed
January 5, 1991

The University of Toledo
Toledo, Ohio
Chi Beta Chapter Installed
May 4, 1991

University of Texas at Austin
Austin, Texas
Psi Beta Chapter Installed
April 27, 1991

Syracuse University
Syracuse, New York
Colony petition approved at National Conference
August 15, 1991

The 1990 National Convention



The 1990 National Convention was held in Iowa City, Iowa from August 16 to 19. It was officially named to honor Past Grand Regent A. Thomas Brown, M '77. Omicron Chapter (University of Iowa) played host to students and alumni from across the nation. Seated officially for the first time were delegates from Rho Beta Chapter (Ohio University), Sigma Beta Chapter (University of Wisconsin - Milwaukee) and Tau Beta Chapter (Southern Methodist University). Also, this was the first time that Gamma Beta Chapter (George Washington University) was seated at a Convention since being reestablished.

A number of interesting events were held. The opening Dinner featured a welcome from Dr. Paul Scholz, Associate Dean of the College of Engineering. In his speech he featured not only the college, but also some of the things that Iowa is noted for (besides corn and hogs). The University of Iowa is known for medical research and Biomedical Engineering, the Institute of Hydraulic Research, and involvement in current space programs. Also, notable individuals from the state include Former President Herbert Hoover, John Wayne and Dr. James Van Allen (for whom the Van Allen Radiation Belt, which encircles the earth, was named).

There was a Tour of the Herbert Hoover Presidential Library in West Branch Iowa. On display was a special Smithsonian collection of evening gowns, containing one that had belonged to each First Lady.

There was a tour of the University of Iowa campus and in depth tour of the Ice Research Laboratories, where research on the construction of ice-based structures is

conducted.

A cookout was held at the Coralville Reservoir. Chapter Games, consisting of miscellaneous tasks and the ever-popular tug-of-war, were held on the grounds adjacent to the dam. The Oakland University Colony won the championship trophy, while Xi Beta Chapter was deemed "Most Spirited."

The Awards banquet was the highlight of the meeting. Brothers Charles L. Brown, II '43, John Morrow Daniels, Sr., N '20, Curtis Emerson LeMay, '32, Robert L. Miller, O '41, C. Maxwell Stanley, O '26, were inducted into the Theta Tau Alumni Hall of Fame (see article on page 10). Brother Miller was the featured speaker of the evening. He offered insight to some engineering achievements and equally entertained us with some highlights of his career. Especially memorable was hardening plastic in a storage silo, which made a monument (built quickly, but not easily destroyed) to that achievement.

The Founders' Award (for the most improved chapter over the previous biennium) and the Schrader Award (for the most outstanding chapter during the previous biennium) went to Omicron Chapter. Omicron also took Best Presentation, Best Display, Best Newsletter. They received an Outstanding Chapter Performance Award, as well as being named the Best Delegation from the Central Region. Other Best Delegation Awards went to Xi Beta Chapter for the Eastern Region, Rho Chapter for the Southern Region and Chi Chapter for the Western Region. Chi Chapter also won the Member-Miles Award, received a Recruitment Award for maintaining a chapter size

of over 40 members, and received an Outstanding Chapter Performance Award. Other chapters winning the Recruitment Award for maintaining chapter size were Omega Chapter and Kappa Beta Chapter, with Pi, Lambda Beta, and Pi Beta receiving awards for increasing chapter size by 20% over the year. Phi Chapter took the Best Photograph Award and an



Outstanding Chapter Presentation Award. Other chapters receiving this award (for earning more than 700 points in the Schrader Award competition) included Lambda Beta, Omicron Beta, Nu Beta, and Pi Beta Chapters. Robert T. Utzinger, '92, was named Outstanding Delegate.

Chapter officer workshops were educational as were seminars on rushing, pledging, Rube Goldberg Contests, Fraternity Expansion and Substance Abuse. An Initiation Ceremony was conducted. A Memorial Service honored our departed Brothers. The Executive Council was elected for the 1990-92 biennium. Brother Dean W. Bettinger, T '81, was elected Grand Regent. Other officers are listed inside the front cover, and their profiles can be found on page 4.

Business meetings were devoted to committee reports. Plans for the next National Rube Goldberg Contest were introduced. A student member dues increase was passed, as well as an increased discount for timely payment. A budget that invested heavily in extension was approved. Much effort was spent on refining the proposed "Probationary" and "Under Advisement" status. These new designations are intended to be used as a control device to help chapters turn around before they fail. There was also debate about Ritual amendments.

All in all, another excellent Theta Tau event was well attended and enjoyed. Many thanks to Omicron Chapter, the Host Committee and Committee Chairman, Bob Johnson, for making this a successful event.



Brothers (l. to r.) Brian K. Dieringer, ΨB '93, Glen A. Wilcox, Ω '90, Randall T. Krum, P, '92, and Michael T. Abraham, EB '92, relax at the Convention Picnic.



Michael Dallal, Omega Beta '98, was named the Fraternity's Robert E. Pope Outstanding Student Member for 1998 at the Leadership Academy. During 1998, Brother Dallal held the positions of Scribe, Pledge Instructor, Philanthropy Chair, and Professional Development Chair, as well as Chairman of the Fall 1998 Atlantic Regional Conference hosted by Omega Beta Chapter at Hofstra University. He even hosted 26 brothers at his house during that event. He organized speakers, visits to engineering exhibits, and charity fundraising. He believes that his greatest achievement was his ability to work and socialize with members from all walks of life in Theta Tau.

Brother Dallal made it a priority to involve as many Theta Tau brothers as possible in Omega Beta Chapter activities. He served as a judge at a high school Rube Goldberg Machine Contest™, and organized Hofstra University's Annual high school Egg Drop Competitions. Brother Dallal served as Alternate to the Fraternity's 1998 Convention at which he gave a presentation on University Relations and served as Scribe on the initiation team. Michael graduated from Hofstra University with honors in Mechanical Engineering in December 1998. He was on the Dean's List and was inducted into Mu Epsilon Mathematics Honor Society; but his work with Theta Tau has brought him the greatest satisfaction.

The following are **Outstanding Student Members** recognized for service by their respective chapters during 1998. Our congratulations to these fine brothers!

Gerald L. Rice, Jr.	Beta
Justin Marz	Zeta
Michael J. Disher	Mu
Angela Ferriter	Xi
Travis J. Deutmeyer	Omicron
Kendrick Hang	Pi
Eric Hansen	Phi
Keith W. Oakley	Chi
Chad F. Lemley	Chi
Kami J. Z. Fitzpatrick	Gamma Beta
Fernando Chaidetz	Iota Beta
Justin C. Merritt	Kappa Beta
Lowell J. Wikre	Lambda Beta
Paul Bobby	Nu Beta
Brett Hansen	Xi Beta
Julianne M. Whitehead	Pi Beta
Brian C. Schommer	Rho Beta
Larissa C. Smit	Tau Beta
Bernard Theisen	Phi Beta
Jeffrey P. Marier	Chi Beta
Michael Dallal	Omega Beta
Danielle M. Hoover	Epsilon Gamma
Jaime Rooney	Zeta Gamma
Kathryn W. Riddle	Eta Gamma

Harley W. Goodman, Jr., Upsilon '50, was elected 1999-00 President of the American Society of Heating, Refrigerating and Air-Conditioning Engineers. Brother Goodman is retired, resides in Little Rock, Arkansas, and was president of Goodman Engineers, Inc. As ASHRAE's president, He directs the Society's Board of Directors and oversees the Executive Committee. He joined ASHRAE in 1962 and was elevated to the grade of Fellow in 1988 and Life Member in 1992. He served as president of the Arkansas ASHRAE Chapter, 1969-70. He has chaired and served on numerous ASHRAE committees, including the Executive Committee as president-elect and two terms as a vice president. In recognition of his work and service to ASHRAE, he received its Distinguished Service Award.

Throughout his more than 40-year career, he specialized in health care facilities. He is a registered professional engineer in Arkansas, Mississippi, Oklahoma and Texas. Brother Goodman served as president of the West Little Rock Rotary Club, Arkansas Academy of Mechanical Engineering, and the Arkansas National Council of Examiners for Engineering and Surveying. He serves on the University of Arkansas at Little Rock Engineering Advisory Board and on the Arkansas State Board of Registration for Professional Engineers and Land Surveyors.



On behalf of the Michigan Technological University, **James Mitchell**, Beta '65, Chairman of the Board, conferred Honorary Doctoral Degrees on Brothers **James Klunness**, Beta '49, and **Donald Saari**, Beta '62, at the Spring Commencement of Michigan Tech.



BROTHERS SAARI, MITCHELL, AND KLUNNESS (L TO R)

Brother Klunness graduated with a BS in Electrical Engineering, and has been a pioneer in cable television, founding Northern Electronics in 1955. In 1960, he formed American Microwave and Communications (AMC), broadcasting signals to remote area cable TV systems. He founded Cable Constructors (CC) to design and build cable systems nationwide. He is now owner of Superior Aviation in Iron Mountain.

After graduating from Michigan Tech, Dr. Saari received MS and PhD Degrees in Mathematics from Purdue University. After working as a researcher at Yale, he began his academic career at Northwestern University. He was Chair of the Department of Mathematics, 1981-84. He is currently the Arthur and Gladys Pancoe Professor of Mathematics. His research centers on the mathematics of dynamics, ranging from celestial mechanics to mathematical economics and mathematical decision theory.

CINCINNATI CHAPTER INSTALLATION

by Natalie Dake, IF '01

Iota Gamma at the University of Cincinnati became the newest Theta Tau Chapter on Saturday, May 22, 1999, when nineteen Charter members and eight additional members were initiated. The event took place at The Radisson Hotel just north of Cincinnati.

The day began with two official ceremonies; the Installation Ceremony, followed by the initiation of those not listed on the Charter. National officers officiating at these ceremonies were Grand Regent **Lee C. Haas**, Grand Vice-Regent **Glen A. Wilcox**, Grand Scribe **Janice L. Wiitala**, Grand Treasurer **Mark R. Janssen**, Grand Marshal **Michael D. Livingston**, Grand Inner Guard **Justin G. Wiseman**, Executive Director **Michael T. Abraham**, and Great Lakes Regional Director **Christopher A. Stockman**.

After the initiation, Grand Regent **Lee C. Haas** swore in the Chapter officers and Advisers.

That evening, the pledges of Iota Gamma Chapter joined the newly initiated members, fraternity members from other chapters, and the national officers for dinner at The Radisson Hotel. Members representing Phi, Gamma Beta, Kappa Beta, Phi Beta, and Theta Gamma Chapters along with



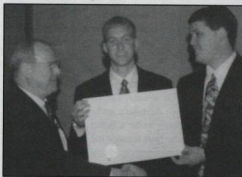
FRONT: DR. STEPHEN CLARSON (SENIOR ADVISER), KRISTEN ZIMMER, NINA BATRA, AND DAN COLPI (ADVISER).

BACK: JASON SLATER, TIM MARSHALL, AND RYAN CANNING

sented **Michael T. Abraham** with a plaque in appreciation for his help and guidance during the past year. Later, national officers and members representing other chapters celebrated with Iota Gamma members and pledges.

Iota Gamma Chapter was well represented by 15 at the Leadership Academy in August. Long term plans for the group include obtaining a Chapter house and setting up a Scholarship Fund. The members of Iota Gamma are excited about becoming the newest Chapter of Theta Tau and are proud to join others in the Fraternity as brothers.

Following the dinner, Iota Gamma Senior Advisor Dr. **Stephen Clarkson**, Brothers **Glen A. Wilcox** and **Robert E. Pope** each gave an inspiring speech. Chapter Regent **Ryan Canning** along with Vice-Regent **Jason Slater** then pre-



BETA, CONTINUED FROM PAGE 1

the MTU Department of Geology from 1899 to 1928 and was the museum curator from 1928 to 1937. The museum was founded in 1902 but existed previously as a reference collection for students. The Seaman Mineral Museum is recognized worldwide as one of the premier crystal collections in North America containing over 65,000 specimens with 20,000 on display.

The current house on Anchor Hill has been home to the H & T's for over 35 years. Anchor Hill consists of 7.7 acres located two miles south of campus, just off U.S. 41. The previous house located on campus where the Administration Building stands today was destroyed by fire in 1962. A similar fate befell an earlier house in 1928. The first house dog was Red Dog from 1944-58, an Irish Setter. When the members moved to Anchor Hill, the tradition of the St. Bernard came into existence. Currently, there are two St. Bernards Duke and Baron. A recent tradition established at Beta Chapter is the Pig Roast, the highlight of the campus Greek Week that has become a huge success. Traditions and strong brotherhood have made Theta Tau the closest-knit fraternity on campus.

In May, the house corporation was approved for a \$100,000 mortgage for house improvements. The first renovations were on the roof where 22,000 lbs. of materials were removed. The new roof was completed by the middle of June and replacement of electrical, cable, and telephone lines was begun. Future renovations to the house will be a newly-paved driveway, repaired bathrooms, basement, and exterior. They are expected to attract future H&T's and result in a larger brotherhood.

This fall, the chapter plans to get involved in a community service project in which firewood will be cut, split, and hauled for the elderly in the area. Many of them burn wood as a source of heat and can no longer do the work themselves. The chapter is also getting more involved on campus. Most importantly, all this will develop the strong brotherhood that H&T's here have known for over 90 years.

The Gear of Theta Tau



SUCCESS AT LEADERSHIP ACADEMY



GRAND REGENT HAAS OPENS THE ACADEMY

The 1999 Leadership Academy was held at The Ohio University in Athens, Ohio, August 12-15, hosted by **Rho Beta** Chapter. Those named Outstanding Student Members by their chapters were recognized and the 1999 Hall of Fame Laureates were inducted into the Theta Tau Alumni Hall of Fame (see related articles pages 2 and 4) during the Leadership Academy. Over 100 were in attendance as the inaugural Leadership Academy focused on developing leadership skills.

Psi Beta Chapter won the Best Newsletter Contest with **Rho Beta** Chapter second and **Chi Beta** Chapter third. The Best Photograph award went

to **Phi** Chapter with second to **Omega Beta** and third to **Rho Beta**. The Chapter Service Award was presented to **Xi** Chapter with second to **Omega** and third to **Psi Beta**. Certificates for increasing chapter size by 20% were presented to **Xi**, **Sigma Beta**, **Tau Beta**, **Omega Beta**, and **Epsilon Gamma** Chapters. Honored for maintaining a student membership greater than 40 were **Omicron** and **Zeta Gamma** Chapters.



ACADEMY ATTENDEES IN ONE OF MANY DISCUSSION SESSIONS

Michael Dallal, **Omega Beta** '98, was named the Fraternity's Robert E. Pope Outstanding Student Member for service

"THE LEADERSHIP ACADEMY PROVIDED ME LEADERSHIP MATERIAL BROAD ENOUGH TO APPLY TO MY PROFESSIONAL LIFE, BUT IT ALSO WENT IN DEPTH INTO PERSONAL DEVELOPMENT SUCH AS MY PERSONAL INFLUENCES AND VALUES."

to the Fraternity during 1998. Receiving certificates for scoring 700 or more points in the Chapter Performance competition during 1998-99 were **Xi**, **Omicron**, **Pi**, **Phi**, **Xi Beta**, **Rho Beta**, **Phi Beta**, and **Chi Beta**. The Erich J. Schrader Award for most outstanding chapter during the 1996-98 biennium, shared by **Zeta Gamma** and **Rho Beta** Chapters, was presented to **Rho Beta** for display during the remainder of this biennium.

The curriculum of the Leadership Academy was specifically designed to capitalize on the opportunities available to each of us and on the abilities inherent in each of us. From the knowledge and understanding of one's self and of others,



ATTENDEES UNWIND AT THE UNIVERSITY ATHLETIC CENTER

the participants developed the ability to learn personally, to grow professionally, and to lead fraternally. The knowledge and understanding gained will serve participants well in their personal and professional lives as well as in their **Theta Tau** endeavors. Whether leaders are born or made was debated for years; many still hold misconceptions about this idea. Leadership certainly is inherent in many, but it is just as certainly a behavior that we can each learn.

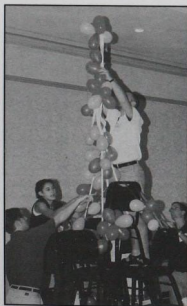
At the close of the 1999 Academy an alumnus in attendance wrote, "The Leadership Academy made me take a look at what I needed to change to be a better leader; but at the same time it made me realize what I was

doing correctly and that boosted my confidence in my abilities." Some of the material presented will be taken for presentation at the 2000 Convention and at

Regional Conferences so that a wider audience may experience it. The inaugural Academy was surely a success with more to come in the years ahead.



EXECUTIVE COUNCIL MEMBERS JANICE WHITALA AND MARK JANSSEN SERVED AS LEAD FACILITATORS



TEAMWORK ACHIEVES RESULTS

ROLL OF HONOR

Our deepest thanks to all those who have contributed to the Theta Tau Educational Foundation, from its establishment through January 2000. Those contributing since January will be listed in a future *Gear* issue. These contributors have made possible some great things for our Fraternity and Foundation including the inaugural Leadership Academy (see previous page) and the Educational Foundation Scholarships (see page 13). In addition, the Foundation's partnership with Newark Electronics will enable the Foundation to offer \$5,000 in scholarships early this summer (see page 15). Those who participated by contributing \$250 or more during the founding phase of the Educational Foundation are **bolded** and coded in the manner described at left.

P	Founding Patron	\$10,000 and up
S	Founding Sponsor	\$1,000 and up
M	Founding Member	\$250 and up

ALPHA

(Minnesota)

Laurence V. Johnson, '27
Karl H. Sommermeyer, '30 S
 Laurence F. Dodge, '32
Charles W. Britz, '33 M
Harulf C. Petersen, '33 M
 Henry W. Rahn, '33
 Wesley H. Johnson, '34
 Herbert A. Swift, '34
Rudolph Kojala, '36 M
 Vincent M. Spoor, '37
 John P. Swenson, '37
Robert J. Lunn, '40 M
 Maxwell H. Madsen, '42
 Remus N. Bretoi, '45
Lloyd A. Duscha, '45 M
Robert W. Rose, '45 M
 James K. Frakes, Jr., '46
 Ed Mansfield, '46
 Harlan W. Johnson, '47
 James E. Schelske, '48
 Herm Seibert, '48
 Elwood F. Rafn, '49
 Richard C. Angvall, '50
 Robert V. Hansen, '50
 Earl G. Angell, '51
 Keith D. Graham, '51
 John H. Stolpestad, '51
 Donald Van Prooien, '52
 Richard E. Husby, '57
 Roger E. Ziemer, '60
 Richard J. Hedger, '62
 David A. Gregerson, '63
 Derrill B. Pratt, III, '63
 Gerald J. Dittmer, '64
 Jon H. Davison, '65
 John T. Costello, '66
 Carl F. Darling, '66
 Knute S. Knudson, '66
 Charles A. Van Horssen, '66
 Jeffrey W. Schmitt, '68
 Robert E. Engberg, '69
 John A. Barbato, '77
Gary M. Nies, '80 M
 Donald B. Gabrielson, '81
 Craig J. Drake, '83
 Ronald P. Gredvig, '84
 Gary L. Heyes, '84

Kenneth P. Huberty, '84
 Thomas J. Lee, '86
 Joseph M. Richardson, '86

BETA

(Michigan Tech)

G. N. Thresher, '31
Russell C. Anderberg, '34 M
 James S. Westwater, '34
 John W. Lendved, '36
 Norman R. Siewert, '36
 John M. Swanson, '37
 Richard D. Holtz, '38
 Herbert F. Krohn, '38
 John P. Manger, '38
 Edward T. Kubilins, '42
 Laurence P. Kelly, '44
B. J. Ellerthorpe, '45 M
 Robert C. Weed, '46
 Kenneth R. Marsh, '48
 Richard Dexter Schoch, '48
 George V. Bianchini, '49
 James W. Garrett, '49
 Burd Hikes, '49
 Roger T. Penman, '49
 Norman G. Ainslie, '50
 Dean R. Kelly, '50
 Robert G. Lovell, '50
 Joseph M. Post, '50
 Richard C. Witte, '50
 Richard B. Hostetter, '51
 William L. Adams, '54
 Norman K. Jensen, '55
 David P. Post, '56
 George J. Sperry, '56
 Charles E. Mosher, '58
 James F. Thompson, '60
 John A. Stamm, '61
 Carlo J. Cattarella, '62
 Thomas Delegeorge, '62
 Richard A. Grekitis, '63
Thomas R. Irwin, '63 M
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James A. Mitchell, '65 M
 Albert E. Stimac, '65
Charles G. Kellogg, '66 S
 Thomas P. Lycka, '66
 Rick A. Richter, '66
 David M. Kimball, '67

Raymond L. Screbant, '67
Ron Starr, '67 S
 William A. Thomas, '67
 Michael T. Sukutowski, '70
 Neil C. Hikade, '71
 Keith J. Platte, '71
 Frederick H. Hillard, Jr., '72
 Mark D. Baldwin, '78
 Bruce R. Bartter, '79

GAMMA

(Colorado Mines)

Harry L. McNeill, '24
 M. P. Huntington, '26
 Frank E. Hayward, '31
 William C. Rump, '33
 George H. Ripley, '36
Charles M. Tarr, '38 M
Walter L. Crow, '41 M
 Robert F. Bowie, '42
Frederick C. Aldrich, '48 M
 Alfred T. Ireson, '48
Kenneth Nickerson, '48 M
 Stewart Chuber, '49
 Warren O. Johnson, '49
 Douglas E. Brown, '51
 David R. Cole, '52
William N. Lyster, '53 M
Garth L. Hayes, '54 M
 Patrick Thomas, '55
 Robert B. Steck, '57
 John T. Chandler, '59
 Richard B. Egen, '60
 Robert D. Morris, '67
 Stephen P. Antony, '71
 Joseph E. Burford, '74

DELTA

(Case Western Reserve)

William E. Stevens, '29
John H. Baird, '32 M
John R. Donnell, '34 S
 John R. Parker, '36
 Karl G. Henriksen, '40
 Lawrence E. Greene, '42
 Walter F. Mills, '42
 John R. Nielson, '42
 Richard E. Panek, '42
 John W. Lewis, '43

Milton G. Pollock, '43
 C. Allan Schurr, '43
 Neil T. Sawdye, Jr., '44
 Howard A. Shelley, Jr., '45
 William B. Farmer, '47
Harry E. Figgie, Jr., '48 S
 George A. Fort, '48
 G. Patrick Donovan, '49
 Bruce F. Greek, '49
 Charles H. Phipps, '49
 Thomas R. Schuerger, '50
 Donald E. Tanger, '50
 Robert D. Halverstadt, '51
 Donald A. Zalimeni, Sr., '51
 Elmer A. Kitinaja, '53
 Raymond W. Marshall, '53
 Robert C. Blanz, '54
 Charles E. Sax, '54
 Stephen J. Toth, '54
 Ronald R. Bogolun, '56
 Stephen Mihaly, '56
 Edward S. Monarchi, '56
 Thomas A. Blanchard, '57
 Robert C. Garver, '59
 David A. Giltinan, '59
 Anthony R. McNamara, '59
 Lee J. Penkowski, '59
 Jonathan A. Gerbracht, '62
 Robert W. Oliphant, '64
 Louis Cohen, '66
 Ernest F. Jageler, Jr., '66
 Paul R. Kimmel, '69
 Martin L. Nuetzel, '69
 James A. Salter, '69
 William H. Campbell, '70
 Neil B. Goldstein, '70
 Paul E. Plank, '72
James F. Soeder, '72 M
 Michael H. Babiak, '74
 Leonard C. Uitenham, '75
Laurie Jane Kern, '79 M
 Marc P. Kelemen, '81

EPSILON

(California)

Harry L. Thomsen, '32
 George O. Scarfe, Jr., '34
 John F. Lord, '36
Richard C. Mielenz, '36 M

Henry J. Cavigli, '37
George F. Reed, '37
Kenneth E. Hill, '38
Charles F. Hunkins, '39 S
E. B. Buster, '40
Edward M. Benson, Jr., '42
Manuel G. Bonilla, '43
William F. Cox, Sr., '43
Lee A. Tunc, Jr., '43
Philip B. Dettmer, '44
Stanley A. Young, '44
John W. Cochran, '52
Henry W. Coil, Jr., '54 S
Walter W. Wornardt, '56 M
Neal K. Matsunaga, '70

ZETA (Kansas)

Ross H. Bryan, '32
Elbert B. Youngstrom, '33 S
E. M. Bruzelius, '34
Glenn E. Hands, '34
Howard A. Oliphant, '34
Dana Pratt, '34
William R. Carter, '35
Carl E. Kindsvater, '35
Howard E. Miller, '35
R. D. Woodson, '35
Axl W. Anderson, Jr., '39
Lester A. Haug, '39 S
John P. Ritchie, '39 M
Harvey S. Steele, '39
M. K. Thomen, Jr., '39
Clifford L. Willis, '39 M
Charles J. Baer, '41
William C. Douce, '41 M
Charles E. O'Bryon, '41
David W. Oberlin, '41
Howard Palmer, '41
Ralph P. Carpenter, '42
Francis J. Domingo, '42
Edelbert E. Irish, '45
Charles D. Shrake, '46
Edward P. Hansen, '48
Gene W. Beery, '49 M
Robert W. Elliott, '49
J. B. Ladd, '49 M
Robert D. Talty, '49
Glenn Anschutz, '50
Thomas E. Brune, '50
E. L. Dougherty, Jr., '50
Charles H. Walker, '50
George R. McNeish, '51 S
Robert E. Pope, '52 P
Marion W. Scholes, '52 M
Keith C. Smith, '52
Glen T. Beauchamp, '53 M
George W. Holyfield, '54 M
Robert F. Bruce, '55
James R. Hall, '55
Paul M. Pankratz, '55 M
Ivan L. Henman, '56
Benny A. Anderson, '57

William E. Franklin, '57 M
Glenn E. Kirk, '58
Allen D. Smith, '58 M
Thomas W. Domville, '59
George G. Dodd, '60 S
Donald L. Coffman, '61
Jon M. Edmonds, '62
T. Michael Garrison, '62
Jerry Ayers, '65
Robert R. Rosander, '67
Arnold Bard, '68
Gary A. Pratt, '68
Carl E. Hoffman, '69
Robert A. Bibb, '70 M
L. Dean McCulley, '70 M
Andrew D. Russell, '70
Richard M. Kovich, '72
Timothy C. Liebert, '72
Steve Wiseman, '74
Greg R. McNeish, '78
Kent Pennybaker, '83
Thomas L. Scott, '84
John W. Pope, '88 M
Lynn A. Thoma, '89
Loren R. Kallenbach, '92
Janelle N. Phillips, '94 M
Michael A. Stutz, '94
Michael E. McArdor, '97
K. Katherine Green, '98

THETA (Columbia)

John W. Balet, '25
Charles V. O. Hughes, '35
Clark B. Risler, '36 M
Frederick Woodruff, '37 M
Roscoe Guernsey, '38
Charles M. Kuhbach, '40
John F. McDermott, '40
William Vermeulen, '40
John Checkovich, '41
William T. Griffiths, Jr., '41
Arthur R. Albohn, '42
M. Fred Kiachiff, '42
George W. Michalec, '43
Robert J. Bugler, '46
Jerry Harris, '46
Theodore Brockmeier, '47 M
Warren Saunders, '48
John H. Thomas, Jr., '51
Henry L. Parsont, '53
Rudolph J. Thoden, '54
John B. Campbell, '55
Dominic J. Grasso, '55 M
Morton W. Scott, '55
Henry R. Janiesch, '57
Ronald V. Repetti, '57
Robert J. Power, '64
Arthur I. Casabianca, '68
David T. Chew, '71
William D. Hooper, '71
Alfonso Lau, '71

IOTA
(Missouri at Rolla)
Daniel Kennedy, '26
Donnell Dutton, '35
Lawrence W. Meyer, '36
John W. Frame, '37
Jesse S. LeGrand, '38
Armin F. Fick, '41
Alden G. Hacker, '41
William D. Busch, '42
Harold W. Haas, '42
Matthew J. Kerper, '43
James A. Neustaedter, '43
Alan P. Ploesser, '43
Harold G. Butler, '47
Richard E. Cole, '47
Ralph J. Feldhaus, '47
Joseph T. Hepp, '48
Robert M. Rock, '48
Jack D. Foster, '49
Harold M. Telthorst, '49
William G. Bachman, '50
John E. Evans, '52
John E. Mulholland, Jr., '52
Daniel E. Grotecke, '54
Sam Smart, '55
Guy W. Heinrich, '57
Lloyd E. Reuss, '57
Ronald S. Robertson, '63
Kenneth D. Pohl, '64
Anthony B. Hoelker, III, '68
James F. Watkins, Jr., '69
David A. Holdener, '71

KAPPA
(Illinois)
Robert C. Hadley, '28
Frederick W. Mast, '33

LAMBDA
(Utah)
Edwin S. Dibble, '25
Albert M. Olson, '33
Simon Ramo, '33 S
Justin S. Blickensderfer, '40
G. Walter Dansie, Jr., '40
Robert D. Hayes, '42
Fred J. Donkin, Jr., '43
Earl J. Hicks, '43
John Wm. (Bill) Jenkins, '44
Jack N. Birk, '47
Richard H. Smith, '47
Gordon W. Bailey, '48
John A. Edward, '48
C. Edwin Alter, '61
J. Delvin Armstrong, '63
Gordon R. Schmitt, '67 M
Gary B. McNally, '68
Kenneth H. Tanaka, '69
Jeffrey W. Hawkins, '71

MU
(Alabama)
A. Carl Schenck, '34
Peter G. DeFazio, '35
Kenneth R. Daniel, '36 M
John Hiram Light, '38
W. Frank Cobb, Jr., '39 M
Arthur Reid, '39
Robert E. Morris, '40
Patrick H. Sandlin, Jr., '40
Col. Jesse R. Cheatham, '41
Jack B. Edmonds, '42
John C. Hamil, '42
William D. Jordan, '42 M
James W. Elliott, '43
Harold R. Kibby, '43
J. Leith Potter, '44
Will H. Sawyer, '46
Thomas W. Wilder, III, '46
R. Stanley Keith, '47
Vincent Lauria, '47
Charles A. Sipe, '47
Louis R. Hovater, '48
John W. Bray, '49
Freddie L. Williams, '49
Remo John Carboni, '50
Howard S. Mason, '50
Emory William Morris, '51
Robert F. Rey, '51
Mack O. Matthews, '52
Robert A. Moore, '54
Leonard H. Sedlin, '55
James O. Horsley, '58
Joseph L. Massett, '58
Thomas Gachet, '60
C. A. Blackwell, '61
Robert K. Helms, '61 M
William E. Roberts, '63
Gilbert A. Yanuck, '63
F. William Keith, Jr., '64
John E. Daniel, '65 M
Robert E. Moyer, '65
Charles M. Rampacek, '65 M
Rod Yates, '65
Robert M. Campbell, '67
Leonard G. Gibson, Jr., '67 M
Jon Rey Sullivan, '67 M
Gary J. Davis, '69
J. M. "Mickey" Trimm, '72
Michael F. Beard, '73
Carl R. Canada, '73
James O. Harrell, '74
K. Clark Midkiff, '74
Charles N. Sherer, '76
A. Thomas Brown, '77 M
E. Anthony Gambel, '79
Steven L. Stinson, '80 M
William M. Colebeck, '81
Steve L. Ruzic, '82
Jeffrey W. Barker, '84
Marc A. Mumbleau, '88
Bryan W. Godwin, '89
Margaret S. Wood, '89

F. Steve Ballard, '94
 Fred N. Green, III, '95
 Sharrdra D. Scott, '95
 Brandon J. Satterwhite, '98

NU

(Carnegie-Mellon)

Earl L. Warrick, '33
 Valentine D. Luedeke, '34
 Walter F. Applegate, '36
 Richard C. Lightcap, '36
 Arthur F. Tuthill, '38
 Clarence H. Daniel, '39
 William B. Froehlich, '41
 Robert M. Wolff, '41
 Donald A. Moore, '42
 Benjamin G. Marcin, '43
William C. Leone, '44 M
 Merle T. Wolff, '46
 Samuel L. Collier, '47
 Cloyd R. Mellott, '47
 David L. Nicol, '47
 Vance E. Senecal, '47
 Harold G. Hall, '48
Wilton A. Hawkins, '48 M
 Vernon H. Neubert, '48
 George O. N. Reed, '48
 John E. Seward, '48

XI

(Wisconsin-Madison)

William J. Plummer, '49
 Theodore C. Rynda, '49
 R. O. Schindlerholz, '49
 Robert B. Wentland, '49
 George P. Zimmerman, '51
 Julius F. Hokenson, '55
 Jerome G. Rivard, '55
 Thomas N. Johnson, '56
 Sherman D. Ansell, '59
 Curtis A. Barton, '64
 Joseph F. Movizzo, '64
Steven A. Schellin, '64 M
Dennis R. Roseth, '65 M
 John J. Sauer, '65
Melbourne B. Sibbles, '65 M
 Dwight D. Zeck, '65
 David M. Schueffner, '66
 John A. Niemeyer, '67
 Peter Steitz, '68
 William S. Weber, '68
J. F. (Jay) Janowak, '69 M
 Won Yoon, '69
 Dennis F. Falkenstein, '70
 Wesley J. Panzer, '71
 Geoffrey H. Pertzborn, '71
 John W. Witt, '71
 Craig A. Franz, '72
 Fred Beranek, '73
 Jerry A. Rood, '73
 Bradford C. Bennett, '75
 Anthony J. Renk, '79
 Gregory L. Gersch, '85

Mark A. Dressel, '88
 Alexander Petniunas, '89
 John T. Monnett, III, '95
 Thomas F. Sachse, '97
 Neil T. Burgard, '98

OMICRON

(Iowa)

Arthur E. Stanley, '31
 Elwin Lohse, '33
 William P. Jones, '34
 F. D. Cooke, '36
 Roland F. Krebill, '38
 William R. Winkelholz, '38
Charles Kippenhan, '40 M
Robert L. Miller, '41 P
 Clair E. Thomas, '44
 Leland M. Hausler, '47
 Eugene J. Hogan, '48
 E. C. Sincox, '48
 Norman A. Hunstad, '49
 Charles W. Lazenby, '50
 Philip A. Temple, '50
 Robert P. Van Dyke, P. E., '50
 Richard A. Paramore, '51
 Vern E. Halverson, '52
 Gorman G. Tutsch, '52
 Michael T. Mueller, '53
 Edward L. Stachovic, '53
William L. Liike, '55 M
 William C. Ditch, '56
 Hubert E. Storer, '59
 Richard T. Scott, '61
 Eugene W. Orne, '63
Frederick G. Moore, '64 M
 Stanley F. Schroeder, '64
 Joseph R. McSwiggin, '66
 Carl B. Robertson, '66
 Robert L. Goodman, II, '67
 Arthur B. de Wit, '67
 M. Kent Anderson, '69
 Walker B. Kelly, '75
 Steven R. Townsend, '77
 Michael C. Walleiser, '78
 Steve F. Kessler, '80
 Laura J. Miller Scholten, '80
Steven W. Davis, '87 M
 John D. Albright, '89
 Thomas G. Didelot, '89
 Peter R. Hildner, '89
Carla M. McManus, '89 M
 Laura Cheung, '90
 Jerry E. Meier, '90
 Alisa Chi-Hane Staskal, '90
 Kent D. Carlson, '91
Joseph G. McManus, '91 M
 Sheila S. Stevens, '91
 Brent D. Weikel, '91
 Rodney E. Bristol, '92
 Steven C. Hukvari, '92
 Laura C. Schmitt, '98

PI

(Virginia)

Paul B. Krebs, '30 M
 James S. Carson, '34
 John B. McGaughy, Jr., '37
 Edwin B. Dunn, '39
 Leslie L. Thacker, '41
 W. Paul Cowgill, '42
 Carlton H. Lowe, '42
 John C. Whitmore, '44
 David U. Armstrong, '45
 Nathan R. Casey, '47
 Preston P. Lee, '47
 Thomas W. Markwood, '47
 Grason T. Nickell, '47
 John S. Ellett, II, '48
 Joseph B. Sadler, '48
 Donald E. Hood, '49
 Harold S. Moore, '49
 W. Preston Stuart, Jr., '49
 Neal O. Wade, Jr., '49
 Robert M. Detamore, '50
 Alfred K. Plitt, '52
 Robert D. Powell, Jr., '52
Randolph S. Nunnally, '53 M
 Allen M. Warren, '54
 S. F. Lanford, Jr., '55
 Thomas James McDonald, '58
 R. M. Millar, '58
 James H. Robertson, Jr., '61
 Robert M. Kelly, '65
 Lynn J. Gaines, '68
 James V. Tracy, '68
 Richard L. Cunningham, '70
 Richard C. Crowe, '74
 William T. Davidson, '74
 Harold W. Johnson, Jr., '75
 Mary Anne Kerr, '87
 Thomas S. Afferton, '89
 Ann Marie Agosti, '89
 Richard W. Rydin, '89
 Johanna L. Kornberger, '93

RHO

(North Carolina State)

Ellis L. Roper, '35
Thomas H. Blount, '40 M
 R. Clark Andrews, '41
 Everett R. Proud, '41
 William S. Johnson, Jr., '42
 Lonnie C. Williams, Jr., '42
 Douglas A. Craven, '43
 James F. Kelly, '43
 G. Perry Greene, '44
 James B. Lambeth, '44
 James E. Deas, Jr., '46
 Chester A. Fisler, '46
 Craig H. Stone, '46
 R. E. Wooten, '46
 Richard M. Jones, '47
 C. Rufus McNair, '47
 Merlin A. Meares, '47
 Vernon M. Barnes, Jr., '48

Robert C. Hinkle, Jr., '48
 S. G. Flannagan, '49
 Seaton N. Richardson, '49
 Virgil Graham Mims, Jr., '50
 Marcus B. Crofts, '53
 Leonard Rubin, '53
 Philip J. Baugh, '54
Thomas E. Johnson, '55 M
 R. Hunter Blackwell, III, '58
 Lloyd M. Hedgepeth, '58
John W. Lowry, '58 M
 John D. Clark, '59
 William H. Kincheloe, '59
 Charles D. Averette, '60
Robert A. Robertson, '61 M
Lee C. Haas, '62 P
John R. Buchanan, '64 M
 Barry N. Frazelle, '64
 David E. Gurley, Jr., '65
 Arthur Louis Kennedy, '65
Larry M. Sykes, '66 M
 Ron Withrow, '67
 Charles E. Fulton, '68
 J. Brent McCombs, '69
 Charles W. Foster, '71
 Robert D. James, Jr., '72
 James Kessler, '72
 Mark A. Thompson, '73
 L. Vaughn Wagoner, '73
 Alan G. Williams, '73
 Michael J. Bostic, '77
 Michael W. Everett, '77
 R. Bruce Snider, '77
 Mark T. Conrad, '79
 Paul R. Dengler, '81
 Douglas R. B. Deming, '84
 Walter L. Willard, '84
 Barry Addertion, '88
 Eric P. Heidepriem, '88
D. Bradley Clark, '92 M
Tyler G. Cox, '92 M
Daniel A. Dorn, '92 M
Jeffrey L. Ellis, '92 M
 Randall T. Krum, '92
 Erik S. Storm, '92
 Robert F. West, Jr., '92
W. Scott Taylor, '93 S
 Nemanja Pesovic, '95
 Christopher J. Brown, '96
 John T. Delzell, '96
 Andrew D. Hayden, '96

SIGMA

(Ohio State)

Werner W. Vollrath, '38
 Carl D. Fischer, '39
 Seymour K. Browne, '40
 Robert H. Denham, '40
 Charles Bangert, Jr., '41
 I. William Spritzraut, '41
 James J. Whitsett, '42
 Paul H. Bowen, '46
 Robert C. Stewart, '47

Charles R. Guttadore, '49 M
 John P. Koss, '49
 Raymond C. Warren, '50
 Richard C. Behymer, '51
 Glenn G. McCoy, '51
 N. Rod Monahan, '51
Donald L. Spurling, '51 M
 Richard M. Deminski, '52
 Gordon F. A. Kohls, '52
 Edward P. Priebe, '53
Chester S. Shira, '53 M
Louis J. DiDomenico, '54 M
 Kent R. Shellene, '54
 Donald W. Friedman, '55
 Robert G. Mayers, '56
 Glenn R. Smith, '56
 Don C. Barnett, '57
 John E. Hodel, '57
 John A. Rawlings, '60
 Charles W. Caudy, '62
 Sidney R. Nemzer, '62
David A. Sealer, '62 M
 Scott C. Gordon, '63
 Robert W. Schultz, '63
 C. Reed Anderson, Jr., '65
 Ali E. Engin, '65
 John Wm. Bradshaw, '67
 Robert G. Smith, '67
 Thomas W. George, '70
 Michael D. Vanasdale, '70
 Lavern N. Meyer, '73
 R. William Kneifel, II, '79
 Jay J. Pierce, '87
Edward J. Vinarcik, '93 M
 Ronald S. Kundla, Jr., '94
 Brett D. Steen, '94

TAU

(Syracuse)

DeForrest P. Beers, '32
Carson P. Buck, '33 M
 Waldo C. Page, '34
 Harold E. Crampton, '35
 Charles W. Floring, '37
 Richard H. Freyberg, Jr., '37
 Donald A. Brush, '39
 G. Clinton Getty, '39
 Albert Travostino, '39
 Jack W. Cottrell, '41
 Robert J. King, '41
 Drew Morris, '41
 Ellis H. Brown, '42
 Thomas Melville, '42
 I. A. Hotze, '43
 Sebastian S. Sgroi, '43
 John F. Welch, '44
 Harold T. Culver, '45
 Bruno P. Morabito, '45
 Addison B. Kline, '46
 Harrison Dunbrook, '47
 Raymond F. Green, '48
 Jay E. Endres, '49
 George T. Lewis, Jr., '49
 Donald C. Marcellus, '49

Radford L. Schantz, '49
Arthur J. Hatch, Jr., '50 M
 Stanley S. Selwach, '50
 Karl Solomon, '51
 David L. Eggleton, '52
 John J. Doyle, '54
 Alfred N. Ianuzzi, Jr., '54
 Ralph L. Kittredge, '55
 Richard A. Weinberger, '55
 Charles E. Rogers, '56
 Christo I. Grigorovic, '64
 Dan Miller, '65
 James J. Rustik, '65
 Dennis Hrabchak, '66
 George E. Fox, '67
 Col. Fredrick Boecher, '68
 Michael A. Carchia, Jr., '68
 Roger C. Melling, '68
 Philip S. Podworny, '68
 Don LaRochardiere, '69
 James W. Alden, '76
Richard S. Campbell, '77 M
 James B. Collopy, '78
 Edward W. Whelan, Jr., '78
Dean W. Bettinger, '81 M
Eugene E. Leonardo, '82 M
 Nathanael W. Berry, '85
 Sean P. Donnelly, '88
 James J. Jerozal, Jr., '88
 Harold F. Greiner, '94
 Brian E. Kearney, '95
 Aaron C. Tersteeg, '95

UPSILON

(Arkansas)

E. Walter Dixon, '30
 Robert H. Hunt, '32
Charles R. Black, Jr., '35 M
 Delbert A. Schmand, '37
 Edgar A. Pittman, '41
 James O. Brown, '45
 Paul A. Kormondy, '45
 Robert L. Hester, Jr., '47
 Harold K. Brewer, '48
 Harry T. Lyle, '48
 Ray A. Barton, '49
 W. William Graham, Jr., '49
 Holcomb B. Irby, '49
Edward L. Gammill, '50 S
Roy C. Harrison, '50 S
 Arthur E. Ray, '51
 Billy A. Robbins, '51
 George E. Dowling, '52
 George R. Tait, '52
 T. L. Beeler, '53
 Frank W. Carl, '54
 Edward M. Harvey, '54
 J. C. Barr, '55
 Charles W. Smith, '55
 Henry L. Bauni, Jr., '56
 J. Reese Burnett, '57
 Larry G. Stephens, '58
 Jerry C. Perciful, '60
 V. Snowden Armstrong, '62

Philip A. Selig, '62
 John J. Harton, '64
 Charles F. Mayfield, Jr., '64
 Louis E. Hegeman, '65
Troy F. Henson, '65 M
 C. Dean Miller, '65
 Jim Womble, '66
 Gus M. Vratsian, '67
 James L. Walker, Jr., '67
G. Kent Burnett, '68 M
 C. Wayne Chaffin, '68
 James D. Cole, '69
 Richard B. Wright, '69
 John R. Bass, D.D.S., '70
 Virgil E. Ellis, Jr., '70
 Richard L. Hall, '70
 Jerry E. Howard, '71
 Greg A. Dalke, '72
 Allen D. Stephens, '72
 Robert P. Cummins, '74
Charles E. Martin, '74 M
 Douglas O. Adcock, '75
 Jon D. Dockins, '75
Andy Wood, '76 M
 Donald C. Michener, '77
 John P. Higgins, '80
 William R. Irwin, Jr., '82
 J. Robert Dean, Jr., '83
 Mark A. Thomey, '83
 J. Alan Caldwell, '84
 Stephen W. Winzerling, '85
 Gregory M. Garner, '88
 Mark E. Reitter, '90
 Craig F. Hall, '91
 Kenneth D. Gaines, Jr., '92

PHI

(Purdue)

Ivan V. Walter, '22 S
John P. Charles, '26 M
 Winfield S. Heath, '31
 Clare F. Burns, '32
 H. William Cloud, '32
 Lloyd L. Connell, '32
 Wayne K. Milne, '38
 Donald W. Chrisman, '42
 M. William Georges, '48
 Robert L. Longardner, '49
 Richard A. Stresser, '49
 C. Herb Treat, '53
 Earl L. Cottrell, '54
 Wayne L. Reisinger, '54
 James T. Corle, '55
Frank R. Dye, '55 M
William M. Kocsis, Jr., '55 M
Norman W. Jetta, '56 M
George E. Cook, '57 M
 James F. Rittenhouse, III, '57
 John R. Carlson, '63
 Kenneth W. Kovanda, '63
 Peter A. Lynch, '63
 Michael D. Mynhier, '68
 Charles J. Ball, '70
 William A. Frink, '70

Larry Gray, '70
 Brian Marks, '70
 Lamar A. Ziegler, '70
 J. Hal Grossman, '71
 Robert H. Lyons, Jr., '71
 Howard H. Scott, '72
 John B. Gustafson, '82
 Scott A. Friedman, '84
 John A. Zajac, '87
 Steven W. Zellers, '88
 Anthony J. Pennisi, '94
 Mitchell G. Ober, '95

CHI

(Arizona)

George D. Gardner, '32
 Alvin W. Gerhardt, '33
 George A. Ponsford, '34
 David J. Hall, '36
 William M. Crozer, '37
 John A. McNary, '37
John R. Kerr, '40 M
 Andrew B. Marum, '40
 Robert W. Ageton, '42
 Theodore T. Brooks, '42
 Alfred R. Diehl, '42
 CDR Robert H. Epley, '42
 Oscar T. Lyon, Jr., '42
 Robert W. Stevenson, '42
 John P. Brennan, '43
 John W. F. Dulles, '43
Reece J. Dunaway, '43 S
Fred S. Fiedler, '43 M
 Edward L. Jones, III, '43
 Bill Kimsey, '44
 George A. Komadina, '44
 R. W. Aldrich, '47
 Fred A. Foyle, '47
 Frank E. McGinley, '47
 Lars Holmquist, '48
 Van Halen Soule, '48
 Lawrence E. Bell, '49
Robert C. Hall, '49 M
 Guy H. Ruggles, Jr., '49
 A. E. Himebaugh, '50
 Donald E. Womack, '50
 Melvin L. Redden, '51
 Jack Smith, '52
 Charles H. Hausenleff, '54
 Charles B. Leonard, '54
 Richard G. Guthrie, '55
 James N. Warkowski, '55
 James L. Armstrong, '56
 John Lawrence Collins, '57
 Carlton E. Crall, '57
 Gerald E. Rutledge, '57
 Stanley E. Grimes, Jr., '58
 Charles G. Hammer, Jr., '58
James W. Simms, '59 M
 Donald W. Swindle, '61
 Philip G. Vosskuhler, '61
 William P. Hemming, II, '62
 James E. Forthman, '64
 James B. Franklin, '64

Stephen M. Zapp, '64
 Richard G. Brusich, Jr., '65
Duncan M. McIntosh, '65 M
 Martin C. Nizlek, '65
 John E. Arnold, '67
 Bruce W. Farmer, '67
 Ken Humble, '67
 Jon S. Traw, '67
 John O'Kane Whistler, '67
 Stan Rice, '68
 Donald M. Steinwachs, '68
 Paul M. Stevens, '68
 Billie N. Thomas, '68
 Donald D. Hilliard, '69
 Tom L. Kirchner, '72
 Howard Ong, '72
 Robert A. Cummings, '76
 David Millikan, '76
 Jacki L. Garrett, '82
 James Gilles, '85
 Jeffrey D. Muir, '88
 Susan E. Anderson, '91
 Mark J. Gross, '92
 Jeffrey R. Hedrick, '93
 Carl A. Shelley, '93
 Cheryl L. Gardner, '94

PSI

(Montana Tech)

Arthur J. Bovee, '34 M
 Robert W. Lawson, '37
 Albert J. Rambosek, '37
Elton A. Youngberg, '37 M
 George T. Hanson, '38
Frank W. Bowditch, '39 P
 Edgar D. Barnes, '40
 Laurence T. Eck, '40
 William Laurie Slosson, '42
 Judson H. Whitman, '47
 Tom Manuel, '50
 Gustav Stolz, Jr., '50
 Charles H. Hewitt, '51
 John A. Alexander, '52
 Roger C. Rice, '53
 George A. Cloudy, '56
 Arlan E. Rathke, '58
 Peter H. Atkinson, '62
 E. Donald Carkeek, '69
 Larry L. Harkins, '73
 John K. Likarish, '73

OMEGA

(South Dakota Tech)

John F. Zietlow, Jr., '35 M
 Donald F. Matson, '38
 Gordon Larson, '40
 James C. Norman, '40
 Donald V. Bigelow, '41
 Donald E. McGarvie, '42
 C. Perry Beka, '43
 William E. Morse, Jr., '43
 Arthur L. Allen, '44
 William R. Benn, '44
 Merne R. Judson, '44

Robert L. Sandvig, '44
 James Solon, '44
 Richard E. Cole, '47
 Neil W. Chauncey, '49
Douglas Fuerstenau, '49 M
 E. Gordon Helling, '49
Albert D. Schmidt, '49 M
 Vernon L. Abild, '50
 Robert F. Dombrowe, '50
 Alva L. Dougal, '50
 Charles W. Meyers, '50
 Keith D. Graham, '51
 Charles D. James, '51
 Lennis F. Shafraneck, '51
 Groves A. Rathbun, '52
 Leon D. Estes, '53
 Raymond D. Sauer, '53
 William T. Cohan, '55
 Donald D. Allgaier, '56
 Arnold D. Doyle, '56
 Edward McKendry, '56
Duane B. Skogen, '56 M
Roger A. Stapf, '56 M
 H. Douglas Preszler, '60
 Gary A. Radford, '60
Alefred J. Kurtenbach, '61 M
 Gary R. Hansen, '62
 D. W. Mikkelsen, '62
 George D. O'Clock, Jr., '62
 K. M. Trompeter, '62
 James H. Curnow, Jr., '64
 Jerome A. Takle, '64
 John C. Larson, '67
 David A. Lockmeyer, '68
 Michael C. Pendo, '68
 John W. Synhorst, '68
Glenn A. Beusch, '70 M
 Gary D. Callahan, '70
 Steven R. deKramer, '70
 Ward A. Opitz, '72
 Larry V. Pearson, '72
 Richard Alan Chancellor, '74
 Gary Zoodsma, '76
 Robert J. Quinn, '77
 Daniel J. Carlson, '83
 Bradley A. Coleman, '85
 Alan J. Mechtenberg, '85
 Scott A. Anderson, '86
 Kenneth M. Marko, '86
 Kurt A. Selzle, '86
Mark R. Janssen, '88 M
Steven F. Weigel, '88 M
 Kelly J. Whiting, '89
 Shawn D. Klabunde, '90
 Brian T. Fox, '91
 Robert S. Herbst, '91
 Timothy J. Hammers, '93
 Gary R. VanCleave, '94
 Aaron B. Childs, '95
 Robert J. Uttecht, '95
 Charles J. Zeimet, '95
 Shon D. Anderson, '96
 Daniel J. Thuringer, '96

GAMMA BETA

(George Washington)

William J. Ellenberger, '30 M
 Reynold E. Ask, '33
 Ira K. Jones, '40
 Philip J. Crossfield, '42
 Morgan F. Percy, '42
 Julius C. Ritter, '42
George P. Kalv, '47 S
 Allan B. Ensign, '48
 Dwight F. Hastings, '48
 Fremont H. Jewell, '48
 Edwin O. Stengard, '48
Glen H. Ballowe, '49 M
 Merrill R. Brown, '49
 Frank H. Cullen, '49
 Martin A. Elf, '49
 Richard L. Fenton, '49
 William J. Frahm, '49
 Ramond W. Juncal, '49
 Jerrold M. Michael, '49
 Elmer G. Sunday, '49
 Edward Egloff, '50
 Peter N. Repak, '50
 C. Edwin Becraft, '51
 John C. Held, '52
 Joel S. Sonnabend, '52
 J. William Grady, '54
 Joseph A. Greblunas, '57
 Orron E. Kee, '57
 John R. Manning, '57
 Philip L. Payne, '58
 Robert M. Moore, '59
 Gerald K. Cornelius, '60
 John B. Pyle, '61
 Herbert S. Wilkinson, '61
 Eliot D. Cohen, '63
Douglas L. Jones, '63 M
 Marshall A. Levitan, '64
 Gordon E. Davison, '65
 Frank Moy, '65
Lee Roy Young, Jr., '67 M
 Marshall J. Azrael, '70
 Greg C. Eichert, '71
 Paul T. Blue, '73
 William R. Darrow, '73
 Albert K. Lee, M.D., '73
 Edward A. Gold, '76
 Anthony F. Yuhas, '76
 Timothy A. Waire, Jr., '91
Mohab F. Akhnoukh, '92 M
Michael D. Livingston, '92 M
 Kara Morley Frech, '93
 Jeffrey L. Sloman, '94
Rebecca L. Roesch, '96 M
 Robert H. Huie, '97
 Sasha R. Paillet, '97

DELTA BETA

(Louisville)

Ellis O. Barnes, '43
 Philip A. Wagner, '43
 Vaughn Anderson, '44
 Gerald F. Brewer, '52

L. Seelbach Kraft, '53
 Rudolf H. Roggenkamp, '58
 William L. McCammon, '60
 Jerry C. Schmitt, '61
 Stuart L. Stauss, '61
 Robert K. Hollenbeck, '64
 John W. James, III, '64
 Theodore A. Wafart, Jr., '64
 Stuart M. Hale, '67
 Michael Spencer, '69
 Frank M. Stauble, Jr., '69
 James W. Drye, II, '71
 Thomas R. Herman, '73
 James R. Allgeier, '74

EPSILON BETA

(Wayne State)

Robert C. Comstock, '49
Beecher C. Eaves, '49 M
Robert W. Brown, '51 M
 Emrys Davies, '51
 Jack M. Schmid, '51
Charles D. Gillice, '52 M
 Charles W. Greening, '53
Charles E. Wales, '53 M
 John A. Bauer, '56
Fred E. Ghannam, '56 M
 Paul Ortiz, '57
Ronald C. Anderson, '58 M
 Alexander Kargilis, '58
 Richard W. Dettloff, '59
 Harlan F. Worden, '59
 Robert F. Gurchick, '60
Russell C. Holmes, '61 M
 E. Richard McIntyre, '64
Joseph A. Boelter, '65 M
 Richard D. Wisley, '65
 Richard S. Cieslikowski, '66
 Richard F. Calcaterra, '67
 Mark F. Weberman, '69
 Gary L. Smith, '70
 Steven P. Halanski, '72
 Julius R. LaFave, '73
Jeffery L. Blake, '78 M
 John T. Pitanish, '89
Michael T. Abraham, '92 M

ETA BETA

(Houston)

Anthony B. Germani, '61
 Marvin D. Hammer, '63
 Jimmy M. Whitworth, '63
Raymond T. Garcia, '64 M
 Otto C. Schellberg, '64
 Horst J. Paul, '65
 Wendell H. Brough, Jr., '66
 Raymond C. McMullen, '66
 Edwin P. Herrmann, '67
 Ronald W. Saums, '67
 James R. Simmons, '67
 William F. Trainor, Jr., '67
Glenn R. Rieger, '68 M
 Thomas L. Bookout, '69
 Robert G. Dodds, '70

Phil Dolezal, '71
 Dick A. Kabell, '72
 William D. Peterson, '72
Jim E. Johnson, '73 M
 Gregory P. Behrens, '77
 Christopher C. Webber, '80

THETA BETA (Washington)

Richard E. Almy, '64
 Tobin L. Humphrey, '64
 George A. Vickers, '65

IOTA BETA (Detroit Mercy)

Philip A. Falcone, '64
 Donald R. Morgan, '65
 Donald F. Noga, '65
 Francis M. Ferraro, '69
 Michael D. Burt, '74
Theodore P. Kill, '74 M
 Ross A. Clark, '97
 Jeffrey M. Michalski, '97

KAPPA BETA (Mississippi State)

James G. Carr, III, '68
 William R. Moore, '69
Richard S. Walker, '69 M
 Hal B. Butts, '70
 William P. Howard, '70
 Terry L. Bush, '72
 Warren A. Hatcher, '72
Richard J. Vertz, '72 M
 Harry F. Garretson, III, '73
Carey F. Hardin, '74 M
 David T. McMillen, '75
 Everett P. Hailey, '76
 Gregory L. Sparks, '77
 M. Wendell Gray, '82
 Jay Johnson, Jr., '83
 William Gregory Wall, '84
 Kathryn E. Palmateer, '94
Michael B. Holmes, '95 M
 J. Mike Nossner, '95
Philip D. Sigler, '95 M
 E. Jason Weidler, '97

LAMBDA BETA (Tennessee Tech)

Stephen J. Barth, '67 M
 William M. Cloud, Jr., '67
 Danny H. Powell, '67
 Mike L. Hampton, '70
 Jack W. Gill, '71
 Nicholas J. DeSantis, '73
 Steve A. Williams, '73
 James G. Currey, III, '74
 William A. Freeman, '75
 Arda E. Lee, '75
 Roger D. Bostian, '98

MU BETA (GMI)

Thomas A. Hassett, '69
 Richard W. Landis, '71
 Eduard I. Vanags, '72
 Edward W. Kern, Jr., '74
 Charles W. Knakal, '74
 Ernest W. Maurer, '74
 Werner E. Meier, '74
 Jacques D. Rietzke, Jr., '74

NU BETA (Wisconsin-Platteville)

Jeffrey L. Kronser, '77
 Ryan R. Berg, '78
 Joseph J. Spellman, '80
Thomas J. Singer, '81 M
 Christian R. Heer, '82
 David W. Salmon, '84
 Thomas J. Lee, '86
 Marydanielle Kitts, '87
 Aaron M. Zimmerman, '89
 Brad A. Opsahl, '90
 Karen M. Spence, '90
David J. Krainjak, '91 M
 Michelle J. Schleusener, '91
Kristine L. Ackerman, '92 M
Martin J. Janowak, '92 M
 Steven R. Meyer, '94

XI BETA (Lawrence Tech)

Joseph E. Abramczyk, '88 M
George Kostopoulos, '88 M
 Dave Stevanovski, '88
 Antonino V. Vitale, '88
 Jeffrey S. Vadnais, '89
Justin G. Wiseman, '95 M
 Marco A. Bianchini, '96
 Christopher A. Stockman, '97

OMICRON BETA (Michigan-Dearborn)

Mark W. Holzhauer, '87
Christopher Roosen, '89 M

PI BETA (Western Michigan)

Michael R. Ermen, '89
 Andrew S. Wheeler, '90
Curt D. Campbell, '93 M
 Roy E. Masters, Jr., '95
 Julianne M. Whitehead, '99

RHO BETA (Ohio)

Derek B. Barrentine, '92
 Audra C. Burke, '92 M
 Jason M. Williams, '93
 J. Craig Moore, '94
 Michael D. Grandstaff, '97
 Todd G. Smith, '98
 Keith A. Lawson, '99

SIGMA BETA (Wisconsin-Milwaukee)

Todd D. Becker, '93
 Andrew H. Shaffer, '94

TAU BETA (Southern Methodist)

E. Douglas Harris, '68
 Steven A. Bresnahan, '90
 Scott H. Griesser, '90
 Regan Eyerman, '91
 David K. Martin, '93
 Tracy A. White, '93
 Jorge A. Garcia, '97

UPSILON BETA (Old Dominion)

Andrew S. Austin, '89
 Larry Brittain, '93
 Jeffrey R. Platt, '94

PHI BETA (Oakland)

Arthur E. Stephenson, '91
David S. Bowden, '92 M

CHI BETA (Toledo)

Phil Hulbert, '91
 Douglas A. Barker, '94
 Brian J. Flynn, '96

PSI BETA (Texas at Austin)

Robert J. Kaltenbacher, '91
 Michelle Dawn Norman, '92
 David G. Woods, '93
 M. Pilar Singletary, '94
George E. Eisenhauer, '95 S
 Sarah Dickson Woods, '96
 Haley L. Norman, '97
 Robert L. Barrett, '98

OMEGA BETA (Hofstra)

Robert J. Burnett, '93
 Kevin C. Ecker, '95
 Robert J. Marsh, Jr., '96

EPSILON GAMMA (Northwestern)

Gabriel Moy, '94

ZETA GAMMA (Florida)

R. Eric Dawson, '98

ETA GAMMA (Colorado)

Adam C. Pederson, '96

AVAILABLE FOR EMPLOYMENT

Recent grad seeks an entry-level position in Mechanical or Biomedical Engineering. I have a year of experience in biomechanics. I have a BSME and an MSBME. My thesis was the redesign of a six degree of freedom dynamic knee laxity measurement device. I am computer literate and have experience with Pro-Engineer, ANSYS (FEA software), and several other software packages. I would prefer to remain in Texas but will consider positions elsewhere. **Please respond to F99A**, Theta Tau Central Office, 655 Craig Road, Suite 128, St. Louis, MO 63141.

Take the cost out of your supply chain with this capable brother with 20+ years of Manufacturing, Logistics, and Operations Planning experience. Seeking a position as a consultant with a small or medium sized company. APICS certified and SAP experienced. **Please respond to F99B**, Theta Tau Central Office, 655 Craig Road, Suite 128, St. Louis, MO 63141.

As a service to members, listings are available without charge in the next issue -- deadline June 15, 2000.

EDUCATIONAL FOUNDATION SCHOLARSHIP WINNERS

The Theta Tau Educational Foundation is pleased to present the 1999-2000 Scholarship recipients. Since the awards were reestablished by the Fraternity, the Foundation has assumed responsibility for them. Congratulations to these members who demonstrate academic achievement, and also contribute as leaders at their chapters and campuses.



Greg Arkwright is a Mechanical Engineering major at Oakland University. He has served his chapter as Treasurer and Regent. He is a member of the Oakland University Student Congress. Greg plans to further his education in the engineering and business fields. He chose mechanical engineering because he has always been curious about the way things work and enjoys challenging himself with new projects. His experiences with Theta Tau have given him the opportunity to develop his leadership skills and to understand the dynamics of groups. Brother Arkwright also attended the inaugural Leadership Academy.



Jeffrey T. Goodney is a Civil Engineering major at Michigan Technological University. He has worked both in the field and in the office in a family construction business for five years. His plans for the future include continuing to work in construction with the hope that one day he would own his own firm. He has served Beta Chapter as

Corresponding Secretary, Vice-Regent, and Pledge Instructor. His experiences with Theta Tau have given him responsibility, leadership, and self-confidence in addition to experience in group problem solving. Jeff is an active member of Blue Key Honor Society that sponsors Winter Carnival.

Josh Rothenberg is a Mechanical Engineering major at the University of Texas at Austin. He chose this field because he excels in mathematics and science and is a good problem solver. He has served his chapter as pledge class vice president, director of the social committee, and organizer of the Rube Goldberg Machine Contest™. Through his experiences with Theta Tau, Josh has developed valuable communication, compromising, and leadership skills. He is a member of ASME and is the editor of the Undergraduate Engineering Review at UT.



Christopher W. Schnarr is a Chemical Engineering major at Purdue University. He chose to study chemical engineering because chemistry is of great interest to him and the opportunities in that field are great. His future goals include studying for an MBA, working in production, and eventually involvement in management. Chris has served his chapter as Rush Chair and Corresponding Secretary. His experiences with Theta Tau have prepared him properly and professionally to deal with real world events.



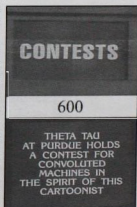
WHO IS RUBE GOLDBERG?

A tradition that attracts favorable attention and publicity is the **Theta Tau Rube Goldberg Machine Contest™**. This year's task is to fill and seal a time capsule with at least seven objects representing life in the year 2000 that could be buried to be unearthed in the year 3000. Each machine must use at least 20 steps to accomplish the task; the winning machine usually include 35-45 steps.

Local contests were held by many chapters around the country during National Engineers Week. Nine teams, winners of the various local contests, are expected to participate in the national contest which is scheduled to be held at Purdue University in the Elliott Hall of Music on April 8, 2000, sponsored by **Newark Electronics**. There will also be two high school groups participating with their machines as exhibition groups. Many of our members and chapters spend the entire year planning for their local contests and building their machines for this competition. The members of Phi chapter face an especially arduous task each year building their own machine and assuming the responsibility for hosting both their local contest and the national contest. For more information, visit the RGMC website <http://expert.cc.purdue.edu/~thetatau/RUBE/>

The Fraternity continues to receive favorable publicity from this event with the "answer" shown at the right appearing on the January 25, 2000, episode of the television gameshow *Jeopardy!*. Contestant Glenn Sloat correctly responded "Who is Rube Goldberg?" for \$600 in "Double Jeopardy."

The *Gear* of Theta Tau



JEOPARDY!

OT HEADS WEST FOR 2000 MEETING

The 2000 National Convention hosted by **Chi and Delta Gamma** Chapters will be held in **Scottsdale, Arizona, August 10-13**. The Central Office is making every effort to provide advance notice of the event to increase alumni participation as we fast approach our centennial. This marks the first time that the meeting will be held in Arizona, but it is a fitting tribute since the Fraternity's first Alumni Association (Southwestern) was established in Douglas, Arizona, in 1908.



GOLF, GOLF, AND MORE GOLF

Events will be held at the **Scottsdale Hilton, Arizona's newest 4-star, 4-diamond resort hotel**. The Hilton is located in the heart of Scottsdale and within walking distance of well over one



FASHION SQUARE

hundred shops and restaurants (including the upscale Borgata shopping district). The Scottsdale Hilton recently completed a \$23 million property enhancement. In addition to the Convention meetings, there are many recreational facilities available nearby. The special Theta Tau lodging rate is \$65 per room night. The attendee registration fee and meal package are significantly reduced if submitted by June 15. **Southwest Airlines** is offering a 10% discount on most of its already low fares for air travel to and from our 2000 National Convention. You or your travel agent may call 800/433-5368 and reference the



THE SCOTTSDALE HILTON
EVENING AT POOLSIDE

assigned **ID Code (A2602)**. You must make reservations five or more days prior to travel to take advantage of this offer. Book your flight early to obtain the lowest discount airfare.

Plans are being made now for special activities for the entire family. Don't miss this Theta Tau event!

In order to receive additional information and registration materials for the 2000 Convention, please complete and return this form to the Theta Tau Central Office, 655 Craig Road, Suite 128, St. Louis, MO 63141-7168, fax 314/997-3234, email central@ThetaTau.org, or visit the web site www.ThetaTau.org

Name: _____ Chapter: _____

Address: _____

Telephone: _____ email address: _____

HONORING, CONTINUED FROM PAGE 4



Douglas L. Jones, Gamma Beta '63, received the **National Interfraternity Foundation Publications Award** for the speech "Key Words for the Third Millennium" delivered at the 1998 Convention and published in a condensed version in the Fall 1998 issue of *The Gear*.

The key words that Brother Jones emphasized as carrying the essence of what elevates our society were integrity, honor, perseverance, responsibility, truth, faith, courage, and character. He advises us to absorb these words and practice them until we begin automatically doing the right thing.

Roy C. Harrison, Upsilon '50, was rec-

ognized by the **College Fraternity Editors' Association** for Feature Article Content for "Trekking on Top of the World" that appeared in the Spring 1998 issue of *The Gear*. Brother Harrison wrote about his adventures when he and a friend travelled to Nepal in 1997 for 3 weeks of trekking, elephant safarining, and rafting on the Seti River. Roy has enjoyed many other adventurous trips in recent years. The CFEA includes more than seventy member fraternities and sororities, both general and professional.





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We have it today, so you'll have it tomorrow.

Newark Electronics has entered into an agreement with the Theta Tau Educational Foundation to provide up to **\$5,000 in scholarships** to members of our Fraternity during the next school year.

Applicants must be initiated members of Theta Tau, ranking sophomore or higher, and demonstrating significant academic achievement and personal development during their collegiate careers. Applicants must have been a member for at least six months, be in good standing with the chapter, and have taken at least 12 credit hours during the term. Scholarship applicants will be judged on scholastic achievement, involvement in campus and community activities, and professional and personal goals by a representative of Theta Tau and a representative of Newark.

All application materials must be submitted to the Central Office by **June 30, 2000**. To obtain an application, please return the request form to the Central Office. Be sure to visit Newark's website at www.newark.com

To request an application for the **Newark Electronics Scholarships**, please complete and return this form to Theta Tau Central Office, 655 Craig Road, Suite 128, St. Louis, MO 63141-7168, fax 314/997-3234, email central@ThetaTau.org, or visit the web site www.ThetaTau.org

Name: _____

Address: _____

Telephone: _____

email address: _____

Submit application request now so that application materials will arrive in the Theta Tau Central Office no later than June 30, 2000.

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Test Equipment

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Assemblies, Cords,
Patch Cords and
Accessories

5. Boxes, Cabinets,
Cases and Enclosures

6. Relays, Contactors
and IO Modules

7. Resistors &
Capacitors

8. Power Supplies
and Power Quality
Products

9. Switches

10. Batteries and
Accessories



William C. Douce, Zeta '41, Theta
Tau Alumni Hall of Fame Laureate, passed away November 13, 1999, in Bartlesville, Oklahoma. Brother Douce grew up in Caldwell, Kansas, and graduated from the University of Kansas with a degree in chemical engineering. He began his career with Phillips Petroleum in 1942 and over the years worked in the company's refining and chemicals operations. He retired as Chairman and CEO of

Phillips Petroleum Company in 1985. He served as a trustee of the University of Kansas Endowment Association, The University of Tulsa, and the Philbrook Art Museum. He was a member of Tau Beta Pi and Sigma Tau. Brother Douce received many awards including both the Distinguished Service Citation and the Distinguished Engineering Service Award from KU. He received the Republic of Ivory Coast Award and the Order of Leopold from Belgium. Brother Douce was a Founding Member of the Theta Tau Educational Foundation.

ALPHA

Richard Brown Evans, '45 5/11/96
Benjamin Bruce Flood, '59 7/5/99
Jack Brewster Mitchell, '41 6/14/99
James Ekvall Roberts, '44

BETA

Rynold Vincent Kolkoski, '37 10/20/95
Gordon W. McCurdy, '37 12/24/98
Albert F. Mullins, '23 12/4/98
Raymond Herbert Rowse, '39
Hans Helge Schou, '34
Thomas C. Thielman, '18 1989

GAMMA

Ernest Robin Anderson, '43 12/26/96
Richard Bench, '51 5/7/99
Francis Victor Daly, '51 10/18/98
Arthur Owens Detmar, '39 6/7/99
Donald Husted Dowlin, '42 5/11/98
Michael Kay Greenburg, '66 2/12/99
Frank E. Hayward, '31
James Franklin Huff, '52 3/8/98
Ralph Edgar Johnson, '33 7/11/99
Richard Donald Moody, '36 11/26/97

DELTA

Chester Joseph Haug, '48 6/5/99
Glenn Richard Hornke, '38 1/1/99
Robert Michael Mamot, '50 1996
John Robert Nielson, '42 10/24/99
Wallace R. Persons, Jr., '31 11/21/99
Charles Frank Pogacar, '33 10/22/98
Carl F. Schunemann, '45 5/13/99
Thomas Charles Sidlo, '47 7/17/97
Andrew George Thailing, '28 6/13/99
John Richard Thoman, '42 6/8/97
John Winbourne Thompson, '27
Edward Hay Wright, '42

EPSILON

William S. Bartholomew, '46 4/4/99
Daniel Ross Cameron, '51 12/7/98

John Errol Clare, '50
Francis John Pettijohn, '24 4/23/99
Ralph T. Salisbury, '21

ZETA

William Clark Douce, '41 11/13/99
Hall of Fame Laureate
Joseph H. Gaba, '45 4/30/99
Harold Isaac Hoover, '34 9/10/97
Richard Duane Large, '42 4/9/99
Dennis S. Pearce, '33 8/17/98
Everett Hershey Pitts, '42 6/4/98

ETA

Edmund Guion Blake, '32 6/1999
Samuel Richard Spiker, '25 11/2/95

THETA

John Girdner Atwood, '46 5/1999
Robert H. J. Dyer, '40 7/19/99
Charles Von Oden Hughes, '35 10/2/99
Richard Houston Ludeman, '33 2/28/97
Murray Clifford Smith, Jr., '29

IOTA

Joseph Craig Ellis, '38 4/27/99
Harry Lewis Gerwin, '38 6/27/99
William Elmer Hill, Jr., '42 1997
Henry Thorton James, '41 7/6/99
Welby Matthew King, '42 10/1991
Ned Overton Kraft, '27 4/1998
George Edward Machens, '39
Jesse Carl Moore, '38 1996
Kenneth Louis Ponciroli, '55 2/1999
Joseph Edward Rakaskas, '40 1/24/99
Dana Wentworth Smith, '29 6/20/96
Richard David Wheat, '44 12/1998
Kenneth Norman Wygant, '44 5/14/99

KAPPA

George E. Borst, '27 11/23/96

LAMBDA

LaVar Henry Barker, '45 3/8/89
Carl A. Bergman, '42 1/1999
Grant Kenneth Borg, Hon. '37
Nelson William Hagen, '59 6/18/99
Burns Swain Hansen, '41 6/30/98
Archie Dee Hill, '55 10/20/97
George Harmer Holdaway, '44 7/14/99
Leland Karr Irvine, '32 11/19/98
Dene Joseph Kesler, '67 9/25/96
Eldon Royal Morgan, '33 3/2/99
Verne Stanton Peck, '36 4/25/98
Harold Argyle Redd, '45 10/22/97
Richard Donald Van Derck, '43 2/27/99
Malcolm Edward Wilson, '40 12/26/98
Thomas LaMont Wilson, '40 1/27/99

MU

Carl Ritchey Canada, '73 7/3/99
Jack Barret Edmonds, '42 5/6/99
Croom Maurice Faircloth, '32 3/21/98
Ronald Edward Gaines, '82 9/28/99
John Williams Pearson, '26
A. Carl Schenck, '34 8/23/99
Lorin Burton Screen, '40 7/16/99
Matthew DeWitt Thomason, '68 1998
Frank Goodloe Tompkins, '44 6/1997
Will Hodges Trammell, '35

NU

Richard Gregg Crumley, '34 9/12/97
Thomas Wolcott Dana, '35 6/5/99
Robert Downey, '49
Robert Bell Goehring, '33 4/25/99
William D. Jamison, Jr., '41 12/4/97
Paul Jabez Reeves, '27 2/20/99
Henry Roland, '37 1979

XI

Adolph Herbert Kautz, '53 5/14/99
Robert Allen Petrusek, '54 12/4/98

OMICRON

Gerald M. Clancy, '48 11/14/93
John Fredrick Deters, '39 3/31/99
Lawrence Gordon Focht, '58 9/2/99
Lindsay Leonard Lenhart, '53 11/19/99
Paul Borschell Mamer, '24 12/15/99
Kenneth C. McAlpine, '60 10/5/93
Charles DeWill Mullinex, '30 4/10/98
William Wyman Sherod, '36 5/21/99
Clair Elmer Thomas, '44 12/15/99

PI

James Earl Barnett, '49 9/4/98
H. A. Beale, III, '27 1992
John Waddell Bowles, '33 9/11/98
David Rowe Brown, Jr., '50 1/18/99
George Bruce Crist, Jr., '44 5/2/96
Curtis Hoopes Hannum, '43 3/30/98
Beverly Sydnor Mauck, '51 3/15/97
Lloyd Thomas Olsen, '38
William Milton Ross, Jr., '69 11/4/99
James Thomas Sluder, Jr., '30 6/23/98
Samuel William Webster, '62 11/7/98

RHO

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Carroll L. Mann, '32 3/15/99
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Sidney D. Rogers, '39 6/16/99
Henry Allen Ruddock, '38 2/28/92
Robert Gregory Snipes, '72 6/1/95
Ben Bryan Stockard, Jr., '49 3/30/99
Henry Jerome Stockard, '43 2/7/99
John Alexander Taylor, '29 2/16/91
Roland Earl Tew, '33 10/16/98
Maxwell Reid Thurman, '53 12/1/95

SIGMA

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Robert Fisher, Jr., '42 11/22/98
Stephen Peter Ginal, '39 5/1/99
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Earl Thomas Johnson, '53 4/22/99
John Perry Landahl, '35 1953
Elmer Louis Marshall, '28
Charter Member
Earl Charles Petrie, '20 11/2/55
John Albert Rawlings, '60 3/1/999
Edgar Rosino Robinson, '29 3/28/99
Lyle A. Sanders, '33 1/6/58
Robert William Schnabel, '54 11/9/98
William Herman Schneider, '50 5/9/99
Robert Earl Speer, '31 10/18/98

TAU

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James Robert Day, Jr., '53 7/19/96
Bruce Walter Dickerson, '28

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David Laverne Eggleton, '52
Erwin Charles Hannum, '32 6/8/98
Roberts Tilroe Hedden, '31 3/9/98
Herman Joseph Klotz, '33
Rexford Glen Moulton, '33 1/26/99
Robert John Power, Jr., '51 8/31/97
Tyler Cornwell Stewart, '55 1/4/00

UPSILON

Hugh Donald Boling, '52 11/11/99
James Dean Gattis, '60 6/12/98
Joseph Franklin Marlur, '62 1/7/88
Dill Gus McFarland, '49 2/26/97
William W. McLendon, '50 7/19/98
Marshall Crenshaw Measel, '47 6/22/99
Bruce Martin Menees, '39
Lloyd George Porter, '51 11/12/98
Henry Francis Ragland, '42
Frank Miller Sissons, Jr., '48 10/15/98

PHI

Paul Wayne Bartholomew, '30 3/9/99
Charles Eugene Kramer, '40 7/3/99
Warren Gregory Miller, '42 11/22/98
Dewitt H. Smallridge, '45 6/19/99

CHI

Carl Waldemar Appelin, '50 12/6/98
Larry Mace Ellis, '81 2/19/99
Lincoln Louis Hathaway, '60 8/3/99
Robert Griffith High, '44
Jimmie Arnold Littrell, '51
Glenn Gordon Manning, '52 3/17/99
William Daniel Ulrich, Jr., '55 8/7/97

PSI

James Bernard King, '41
Francis Marion Smith, '44 1996
Roy Oliver Smith, '37 8/7/99
David Eugene Thompson, '41 6/13/97
Clarence Herman Toensing, '39 9/7/99

OMEGA

Paul Maxwell Allen, '37 5/6/98
Don Porter Bush, Hon. '31 9/1/97
Norman Gail Flaigg, '39 11/4/98
Albert Craig Gagstetter, '41 4/19/98
William Leroy Harley, '50
Lewis Beryl Nelson, '62
Harold Lee Richardson, '40 8/9/99
Earl Richard Rosenow, '36 2/18/99
William Otto Timmerman, '58 6/3/98

GAMMA BETA

Julian Frank Andia, '56
Edmund Felix Bailer, '51 6/4/86
Arthur Charles Brown, '48 2/22/99
Charles Edward Campbell, '49 4/30/73

David Jenington Carlson, '46 12/19/73
Patrick Ambrose Clifford, '42 4/19/93
Harry C. Connor, '37 6/17/95
Thomas Ritchie Edmonston, '36 6/19/72
John Robert Evans, '38 2/9/73
Frederick Jacob Fielitz, '39 7/1981
Matthew Francis Foster, '56 3/13/95
Lawrence Wilbur Floyd, '39 10/27/95
George Vaughan Gelly, '50 5/23/95
Benedict Joseph Genua, '47 2/21/98
Larry Charles Hice, '62 3/19/96
Charles Maxwell Hunter, IV, '58 1/5/99
Hollis Kent Kushman, '50 6/1979
James Franklin LeCroy, '50 10/1988
James Bernard Linn, '58 9/1966
Philip Joseph Martin, '54 12/20/96
Neely F. J. Matthews, '57 4/18/99
Casper Frank Mohl, '55 6/5/99
Robert Woodward Moore, '32 11/27/92
Frank Joseph Narr, '66 4/13/96
James Richard Norton, '45 5/6/89
Earl Wallis Pritchett, '47 2/9/93
William Conan Pryor, '64 9/1999
Robert Royce Reining, Jr., '58 3/15/94
Joseph Rekas, '51 3/9/89
Walter Frederick Rhine, '36 10/17/99
Darrell Elmer Rodgers, '53 5/1989
Robert Eugene Rodgers, '54 2/1/96
Peter Haskell Roesser, '32 5/24/92
Carl Leon Rose, '53 7/12/96
Rowland Wingfield Schulte, '43 3/1987
William Harvey Seabrooke, '51 1/25/97
Richard Simmers, '39 5/1984
Maurice Vernon Spencer, '58 4/1971
Gerald Preston Summers, '51 7/28/90
William Robert Sutherland, '49 10/2/94
Douglas Miel Taylor, '67
Edward M. Tittle, '37 4/5/91
William A. Weidemeyer, '55 1/1984
Bruce Weldon Woolard, '39 7/1983
Alan Hunter Yorkdale, '58
Anthony Francis Yuhas, '76 5/31/99

DELTA BETA

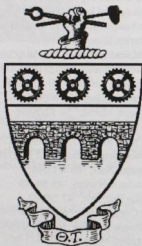
Allan Maurice Fine, '52 9/6/97
William L. McCammon, '60 10/18/98
Charles Virgil Metzler, '48 2/25/97
Walter David Pouchot, '43 1/1999
Martin H. Shaughnessy, '49 9/19/96

EPSILON BETA

Joseph Stephen Licht, '58
James David Owens, Jr., '64 5/14/99
Wendell Dexter Trudgen, '49 6/25/99

KAPPA BETA

Edward Hayes Bowker, '67 10/30/98

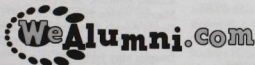


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