



THE Bulletin

of Tau Beta Pi

September 2003

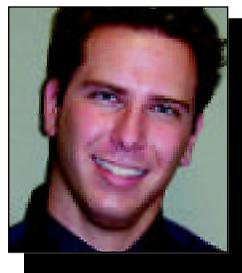
A Publication
for the Collegiate
Chapters

West Texas Awaits!

THE MEMBERS OF TEXAS BETA and the other District 13 chapters invite all Tau Bates to experience the hospitality of Lubbock. Activities will be held in the heart of the cap-rock plateau.

The host chapter boasts many fine and talented members and distinguished alumni. The chapter is honored to host its first Convention. Much preparation and hard work has gone into making this a successful and memorable experience.

Arrangements Chair **Matthew Reile**, *Texas Beta '04*, and his outstanding crew have booked sleeping rooms at the Holiday Inn Towers. All meetings and most meals will



also be held in the Lubbock Civic Center across the street from the hotel. On Saturday, attendees will enjoy lunch, view the model initiation, and tour the Texas Tech University campus prior to the final banquet.

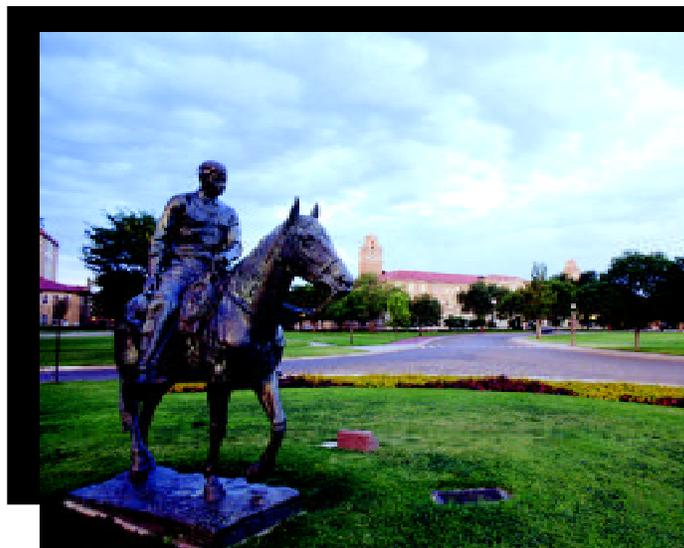
Most delegates, national officers, and other attendees will fly into the Lubbock Airport for the October 23-25 meetings, Engineering Futures sessions, ICE discussions, chapter and individual awards, and other activities.

Expenses of one student delegate per chapter and the on-site expenses of advisors will be paid by the Society. Non-voting delegates and alumni are encouraged and invited to attend at their own expense, except that non-voting delegates' travel expenses are partially reimbursed.

With résumés in hand, delegates and local members may visit the fourth annual Tau Beta Pi Career Fair Thursday from 9 a.m. until 3 p.m.

Sandia National Laboratory has stepped forward to make the lead contribution to the Convention and will host the Initiation and Awards Banquet on Saturday. Companies and organizations—including Duke Energy, ExxonMobil, Fluor, General Motors, NCEES, and Schlumberger—are also partnering with Tau Beta Pi as major sponsors.

The purpose of the annual meeting is to conduct Tau Beta Pi business. Delegates, who are often chapter presidents or officers, begin their official duties Thursday afternoon. They meet to oversee the Association's fiscal and governmental policies, choose



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Issue available at www.tbp.org

the major chapter award winners, prepare for District conferences, learn more about the Tau Beta Pi election and initiation process, receive leadership training, and plan future Conventions. They are assisted in their duties by the Executive Council, national officers, and chapter advisors.

The delegates are the legislative, executive, and judicial body of this primarily student-run organization. Each delegate arrives ready to participate and has already been assigned to one of the eight Convention committees. National officers serve as committee advisors.

Each committee elects a student chair to conduct its internal affairs and represent the group on the Convention floor. Any Constitution or Bylaw changes brought forth from the committees are voted on by the Convention during the major business meetings.

This year seven standing committees will survey the Association. One *ad hoc* group on chapter advisors has been organized. The committees and their advisors are outlined as follows.

Committees:

Petitions. D.A. Kamat, advisor. This group will consider and recommend action on new-chapter petitions from the local engineering societies at Grand Valley State University in Grand Rapids, MI, and Idaho State University in Pocatello.

Constitution and Bylaws. K.S. Wilberg, advisor. A subject that has been assigned for direct consideration is a proposal that Bylaw X be amended to establish a Director of Scholarships and a new Scholarship Board. Other subjects assigned are proposals to allow chapters to define Executive Councillor and Officers and Directors, to reduce the time limit of chapter voting, and to revoke the election of a candidate. Additional proposals may arise for consideration by this committee before and during the Convention.

Chapter and Association Financial Affairs. M.D. Malmstrom, advisor. Committee members are charged to: determine allowable delegate's expenses for the 2004 Convention; review the chapter accounts receivable to the

national Headquarters; review the annual reports of the Association's auditor and Treasurer; and review a proposal to increase the initiation fee and Convention assessment.

Rituals. A.R. Hirsch, Director of Rituals and committee advisor. Members of this group will consider any proposals for Ritual changes and will prepare the Model Initiation at the Convention.

Convention Site. B.L. Frost III, advisor. Delegates from this committee will recommend acting on an invitation, should one arrive, to host the 2006 Convention. In accord with the Constitution, the Convention site may not be selected more than three years in advance.

The Executive Council approved the selection of Utah Alpha/Beta/Gamma as hosts of the 2005 Convention in Salt Lake City. Florida Alpha and Delta are co-hosting the 2004 Convention in Orlando.

Resolutions. S.E. Fable, advisor. Team members will present resolutions—statements of appreciation and mementos—to the Convention at the Saturday morning business meeting and the Saturday evening Initiation and Awards Banquet.

Awards. S. Jennings-King, advisor. The principal assignment of this committee is to select the recipients of the R.C. Matthews Outstanding Chapter Award and the R.H. Nagel Most Improved Chapter Award for 2002-03. The team will select a single winner in each category and as many honorable mentions as are deserved. Winners will be announced at the awards banquet on Saturday.

Chapter Advisors (*ad hoc*). R.L. Werneth, advisor. Committee members will consider ways to improve training of chapter advisors.

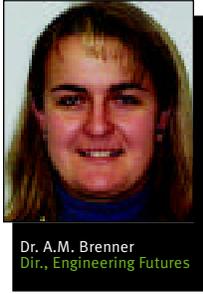
Constitutional Amendments Ratified

The 2002 Convention approved four amendments to the Constitution and Bylaws of Tau Beta Pi and sent them to the chapters for ratification. In accord with the Association's amending procedure, with 226 chapters eligible to vote, 170 or more affirmative chapter votes are required to ratify an amendment, and 57 or more negative votes would defeat the amendment.

The original voting deadline was April 1. Headquarters received 132 valid ballots (plus 18 invalid for lack of a chapter quorum). The Council acted on the proposed amendment on June 6 and voted on behalf of those chapters submitting an invalid or no ballot.

Amendment	Outcome
1. Limit Convention votes to one per officer. (Const. Art. III, Sec. 2 (a))	1. Unresolved by chapter vote; 108 affirmative, 24 negative. Ratified by Council vote for invalid and missing chapters.
2. Define eligible curricula. (Const. Art. VIII, Sec. 2 (a), (b), and (m))	2. Unresolved by chapter vote; 94 affirmative, 38 negative. Ratified by Council vote for invalid and missing chapters.
3. Require chapters to list eligible curricula in chapter bylaws. (Art. VIII, Sec. 2(f) and Sec. 3 (b))	3. Unresolved by chapter vote; 111 affirmative, 21 negative. Ratified by Council vote for invalid and missing chapters.
4. Establish the Scholarship Program and Scholarship Fund. (Const. Art. XVI (new) and Bylaw XI (new))	4. Unresolved by chapter vote; 115 affirmative, 17 negative. Ratified by Council vote for invalid and missing chapters.

Engineering Futures — Active Leadership Training!
Dr. A.M. Brenner and Facilitators.



Dr. A.M. Brenner
Dir., Engineering Futures

Delegates will have the opportunity to explore ways to develop their own leadership skills to improve their local chapters and to strengthen

District ties while the voting delegates conduct Convention business.

The Convention itself is organized to assist the delegates in their roles as chapter leaders. The opening orientation is a lesson in parliamentary procedure. Parliamentarian James W. Johnson Jr. will act as a role model for delegates as they observe *Robert's Rules of Order* in action. Convention Chair Ronald M. Hickling will be leading the major meetings throughout the eventful three days.

On Thursday and Friday, non-voting delegates will be involved in Engineering Futures training sessions, designed to teach them practical solution-

oriented leadership techniques such as motivation, planning, delegation, and team building. Voting delegates who complete their committee assignments should join the sessions in progress.

District Directors will be meeting with chapter delegates daily to assist them with organizing their local chapter activities and with planning District conferences and other annual events. Chapter advisors have separate daily committee meetings.

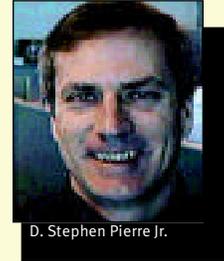
Officers may familiarize themselves with chapter supplies and the newest insignia items—caps—which are available at the Headquarters display in the hotel lobby.

Saturday evening is the highlight of the Convention when the annual Association awards will be presented. In addition to recognizing the R.C. Matthews Outstanding Chapter and the R.H. Nagel Most Improved Chapter, the 2003 Laureates, National Outstanding Advisor, and two Distinguished Alumni will be introduced.

Tau Beta Pi's 98th National Convention promises to be your convention opportunity of a lifetime. Join us!

2004 Fellowships

Tau Beta Pi's 71st annual program of graduate fellowships for study in the 2004-05 academic year will close January 15, 2004, when applications must



D. Stephen Pierre Jr.

be in the hands of Director of Fellowships D. Stephen Pierre Jr., P.E., Alabama Power Com-

pany, P.O. Box 2247, Mobile, AL 36652-2247.

Winners in the program will be selected by the Fellowship Board and notified in April.

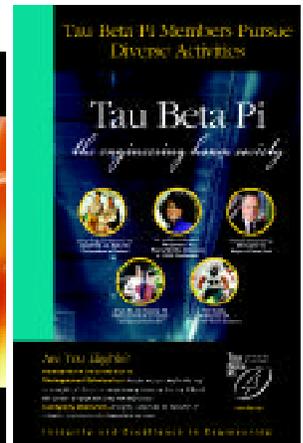
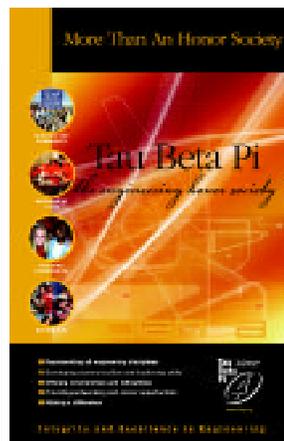
Up to 18 cash awards will be given, each worth \$10,000. They will be made on the promise of future development in engineering or related fields and financial need.

All members of Tau Beta Pi are eligible to apply. Students and alumni may obtain either word or pdf application files from www.tbp.org.

Your posters are here!

Student opinions collected at 2002 Convention focus groups and from spring District Conference surveys helped our market-research group create these outstanding new posters that, as a group, present a more consistent look and message. The images include the return of our beloved classic bent and photos of actual Tau Bates being even more than excellent engineering students.

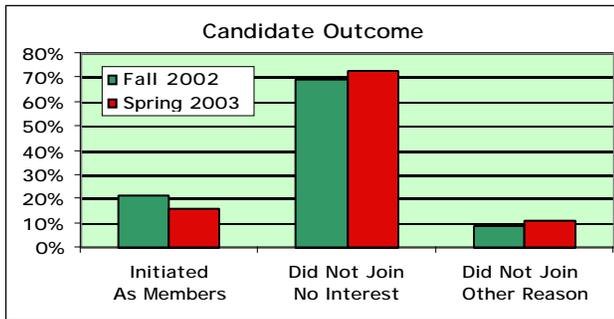
Please replace the "old" posters with the new and help others discover how great Tau Beta Pi really is. The trio can be ordered on the web at tbp.org; the oldies are no longer available.



2003 Chapter Survey— Can You Initiate More Electees?

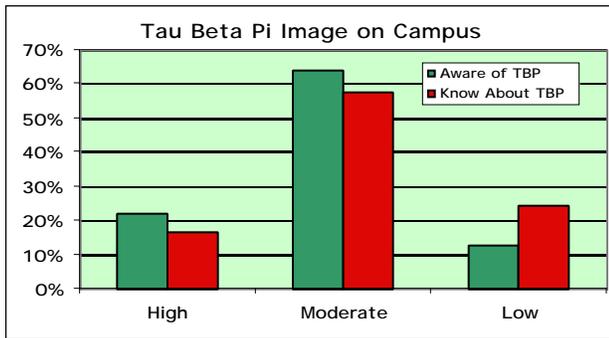
MANY VOICES COMPETE to be heard on college campuses today. Tau Beta Pi is one of them. Membership in Tau Beta Pi is an honor. It was founded to *mark in a fitting manner*.

Many students see membership as recognition of a job well done. There is, however, a much larger group which does not. Many are too busy, feel it's too expensive, or don't care. Most are unaware of Tau Beta Pi and what we do. The chart below clearly shows the magnitude of this group.



Of the student candidates considered for membership, more than 70% were not elected or did not accept election because of lack of interest.

In the chart (below) we see that chapter presidents believe there is at least a moderate awareness about and knowledge of Tau Beta Pi on campus.

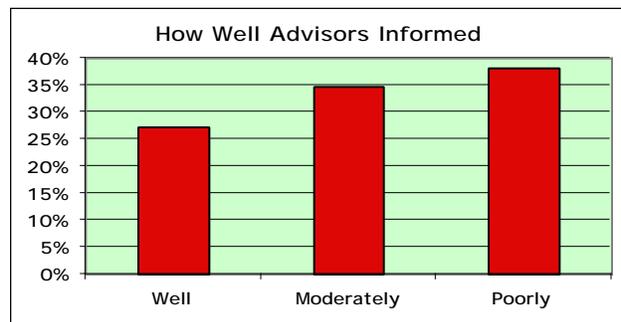


This would indicate that most students know that a chapter exists on campus, even though their knowledge may be vague. Students may have heard of Tau Beta Pi without really knowing the benefits of membership. For this reason, three new posters have been developed which convey this information.

The chart (right) outlines the amount of publicity that new initiates and project activity receive. Publicity goes a long way towards helping students know who we are and what we do. This is especially true on larger campuses. Chapters would greatly benefit from an article in the school newspaper reporting all the good things accomplished by chapter members. Running a congratulatory ad in the paper or posting a list of newly initiated members provides great recognition.

Chapters can increase attendance at orientation meetings by inviting each student in several different ways and then **FOLLOWING UP** with those who don't respond. Invitation letters (hand delivered are preferred) and emails from the chapter president and the chief advisor, addressed to each candidate, along with posting lists of candidates and sending letters from the dean of engineering to parents are highly effective. Chapters using the dean's letter have reported excellent results. (The lure of pizza has also been found to be effective.) Sending the dean's letter hasn't caught on yet—with only 31% of chapters reporting its use.

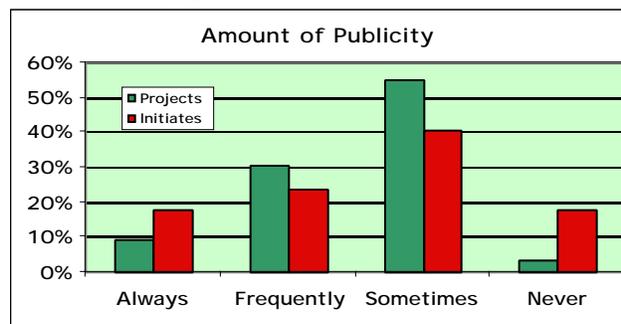
After the candidates come to orientation, use the video, Powerpoint intro, and brochures to inform them further. Sample invitation letters, news releases, newspaper ads, Powerpoint presentations, and other resources may be downloaded from the Chapter website at www.tbp.org/chapters. Please use them!



Advisors are an important resource to a chapter and provide guidance and continuity. The chart above indicates chapters do not keep these important mentors informed.

Do you know the names of all your Advisors? If not, find out. Take time to seek them and invite them to chapter functions, especially orientations and initiations. Involve them in the process. Ask them to help you reach the students you're hoping to initiate.

This year you need to take advantage of all the many opportunities to publicize Tau Beta Pi on your campus. Take time to reach out to all the students eligible for membership. Make sure they know we want them to join us. Follow up and try to learn why some decide not to join. Consider their suggestions and make changes to improve your membership process. You are the key! —P.B.M./R.E.H



2003 Distinguished Alumni Irwin M. Jacobs and Daniel D. Reneau

Dr. Irwin M. Jacobs, chairman and CEO of Qualcomm Inc., has demonstrated outstanding adherence to the ideals of Tau Beta Pi and to fostering a spirit of liberal culture through his technical excellence, exemplary leadership, and philanthropic generosity.

Educated at Cornell University and MIT, Dr. Jacobs taught at the institute during 1959-66 as an assistant/associate professor of electrical engineering. He co-authored a basic text on digital communications, *Principles of Communication Engineering*, first published in 1965 and still in use today. During 1966-72, he served as a professor of computer science and engineering at the University of California, San Diego.

In 1985 Dr. Jacobs co-founded Qualcomm Inc., a major player in the fastest-growing, digital technology for third-generation wireless communication services. It is his pioneering work and patents on Code Division Multiple Access (CDMA) technology and its commercialization under his leadership that has enabled his philanthropic support today. His several inventions contributed to his firm's extensive portfolio of more than 400 U.S. patents, 900 U.S. patents pending, and many company licensees. The technology is licensed for the manufacture of wireless devices and network infrastructure equipment, integrated circuits, and test equipment.

Cited for his achievements, inventions, leadership, entrepreneurship, and world citizenship, Dr. Jacobs has received the National Medal of Technology, the IEEE Alexander Graham Bell medal, the AEA medal of achievement, the ARCS scientist of the year award for 2000, and the Franklin Institute Bower award in business leadership for 2001. He is a member of the National Academy of Engineering and the Academy of Arts and Sciences. He is an IEEE fellow and a member of Tau Beta Pi, Sigma Xi, Phi Kappa Phi, and Eta Kappa Nu.

Dr. and Mrs. Jacobs have contributed to both local academic and community endeavors, providing extensive endowment support to the school of engineering at UCSD; a recent announcement of a \$110 million gift to the Jacobs School of Engineering is the largest gift in the university's history. A \$6 million gift went to SDSU's entrepreneurial management center, the center for research and mathematics and science education, and the college of education. The couple has made pledges totaling \$150 million to community groups, including the San Diego Symphony and Museum of Contemporary Art, La Jolla Playhouse, and the Shiley Eye Center at UCSD. They founded the Jacobs Family Cottage, a home for troubled children in San Diego.



Dr. Irwin M. Jacobs, NY '56



Dr. Daniel D. Reneau, LA '63

Dr. Daniel D. Reneau, president since 1987 of Louisiana Tech University, is a 1963 chemical engineering graduate of the university and is the dean of university presidents in the state of Louisiana. Throughout his life as student, engineer, professor, and administrator, he has demonstrated visionary leadership while exhibiting concern and respect for students, colleagues, faculty, and the institution he serves.

As an engineer who was interested in applying engineering principles to living systems and in how technology could be used to help people with disabilities overcome barriers, he performed research that contributed significantly to the understanding of cerebral palsy and its causes.

Through his contributions to both basic research and the application of technology, Dr. Reneau has brought recognition to Louisiana Tech nationally and internationally. He has published approximately 80 technical papers in both books and journals, edited five books, and attended more than 100 international meetings and conferences. During the 1980s, while he served as vice president for academic affairs, every major campus program with an accrediting agency was accredited, and the center for biomedical engineering and rehabilitation science was established. He was named a fellow of the Rehabilitation Engineering Society of North America in 1989, a fellow of the American Institute of Medical and Biological Engineers in 2001, and winner of the Newl Perry award from the National Federation of the Blind in 2002.

Dr. Reneau is a leader at Louisiana Tech, and during his tenure the university has expanded its scope with: the addition of doctoral programs in biomedical engineering and computational analysis and modeling; the implementation of selective admissions; the successful completion of a \$50-million-plus, fund-raising campaign; and the achievement of I-A status for football. An institute for micromanufacturing and a technology transfer center were founded.

His nominator stated that "Dr. Reneau has helped to elevate the stature of engineers as effective leaders of educational institutions. Dr. Reneau is quite possibly the most highly respected engineer in the State of Louisiana. His vision for engineering education and research has helped political, government, and industry leaders to realize the imperative for strong and sustained support. That vision has further been a driving force in elevating this institution to a continuous focus on quality and excellence."

Fall Special: Hats reduced

Classic logo hats to show your pride in membership are on sale. Order from the General Store at tbp.org and hide that bad haircut!



A. Garment washed 100% cotton, unstructured, six-panel, low-profile cap. White crown, black visor with blue logo on front and "Tau Beta Pi" on side. Adjustable cotton back strap with antiqued brass buckle and sewn slot. ~~\$15.00~~. \$12. Price includes shipping.



B. Prewashed brushed canvas, two-tone, constructed cap. Khaki crown, navy visor with navy logo on front, and "Tau Beta Pi" on side. Classic low profile, soft lining. Adjustable cotton back strap with brass buckle. ~~\$15.00~~. \$13. Only 20 in stock. Price includes shipping.

Get Mentored!

AlumNet, Tau Beta Pi's electronic mentoring program, is designed to enable alumni in scenarios such as graduate school, academe, and industry to share information and establish networks with students. Nearing the end of a three-year trial, this program is modeled after a joint project between the Central Illinois Alumnus Chapter and the Illinois Alpha Chapter at the University of Illinois at Urbana-Champaign.

Hundreds of Tau Bates have registered, but the program has been underused by students. Amy Kaleita, PA B '97, program administrator, reports that 473 alumni have registered and 142 of 161 students have been matched. Alumni represent 315 companies and institutions and a wide sampling of industry, academe, locations, and careers.

NEED A CONTACT AT ANY OF THESE COMPANIES? There are three or more registered alumni at each: Accenture, Boeing, DaimlerChrysler, GE Aircraft Engines, General Motors, IBM, Intel, Lawrence Livermore National Laboratories, Lockheed Martin, Motorola, NASA, Northrop Grumman, Raytheon, Southwest Research Institute, MITRE, branches of the military, and more.

GRADUATE PROGRAMS : Arizona State, Cal Tech, Colorado State, Cornell, Duke, Georgia Tech, Louisiana Tech, McMaster, MIT, North Carolina State, North Dakota State,

Northwestern, Ohio State, Oxford, Portland State, Purdue, Stanford, Virginia Tech, and the Universities of—California, Berkeley, Illinois, Michigan, Minnesota, Oklahoma, Pittsburgh, Texas at Austin, Washington, and Wisconsin-Madison.

The top fields requested by students are biomedical engineering, business, management, and financial consulting. We still need alumni to register, especially those in the top requested fields. But, we also need **MORE STUDENTS** to take advantage of this unique program.

Register at www.tbp.org under the *For Members* section. Click on the AlumNet link, and sign up as either a student or alumnus. The student information will be matched with an alumnus, and his/her contact information will be emailed from the administrator to the student, whose responsibility is to follow-up on the referral.

HERE'S WHAT THEY SAID:

Many satisfied students who have used the service wanted us to know about their great experiences.

- "I did contact the person, and he was very enthusiastic about helping. The service was definitely useful."
- "I have contacted both of the names you gave me. Mr. Smith gave me a lengthy email reply, which was very helpful. I actually spoke to Mr. Jones on the phone for close to an hour. He was very informative and wants to keep in touch, as he would like to help me in any way he can. Thanks again!"

40 Scholarships!

The Tau Beta Pi Association Scholarship Program for senior-year study during the 2004-05 academic year will close March 1, 2004, when applications must be in the hands of Director of Fellowships D. Stephen Pierre Jr., P.E., Alabama Power Company, P.O. Box 2247, Mobile, AL 36652-2247.

A record total of up to 40 cash awards, each worth \$2,000, could be given in our fantastic, expanding program. They will be made on the basis of high scholarship, strong recommendations, extracurricular activities, and financial need. Winners will be selected and notified in early April. Junior members of Tau Beta Pi are eligible to apply. Applications are available on the web at www.tbp.org.

Educational Loan Fund

Since 1935, Tau Beta Pi has assisted student members with their financial needs while in school or with payment of their initiation fee through our Student Loan Fund. We are pleased to offer this service for student members in amounts up to \$2,500 per member.

Repayment is required after three years, and a simple interest rate of 6% is charged from the day the loan is received.

Interested students can obtain promissory notes and loan applications from their chapter presidents, the website, or directly from Secretary-Treasurer Jim Froula at the national Headquarters in Knoxville, TN.

Student Assistance Fund

The Tau Beta Pi Student Assistance Fund was endowed in 1992 through the interest and generosity of C.C. Young, *Illinois Alpha '24*. Its purpose is to make funds available to student members of his and other chapters who would otherwise be without sufficient financial resources to remain in college. Repayment is not required, no interest is charged, and grantees are requested to help others in need should they become financially secure.

Interested students should write directly to Secretary-Treasurer Jim Froula at the national Headquarters in Knoxville, TN.

Continuous Improvement

Continuing improvements are being made to the website to make the site more dynamic and to protect email addresses. Some information that required manual changing has been migrated to a dynamic content generation. This is used primarily when dealing with lists of individuals. When an individual changed a role or an address this required that the site be changed along with information in the database. Now the information is changed in the database and will be reflected immediately on the web pages. This reduces our workload and provides more accurate information.

We have also taken steps to protect the email addresses that appear on the web site. One unfortunate aspect of the web is the pack of *email harvesters* that scan web pages looking for email addresses which are then sold to spammers. Code has been added to the website to mask the real email address. The address will display normally on the screen, but will appear odd in the underlying HTML. In some cases we do not even display an email address but merely a link that will launch the default email application.

For those who have email redirected from a mail address, we have enhanced our capability to protect our members further. We have installed new email software that protects against viruses and spam. Email is the transport mechanism of choice for the quick spreading of viruses. Now all email is scanned for viruses at the point of entry. Any infected emails are simply returned to the sender (which may or may not be the real sender due to virus operation). Spam is simply marked and identified in the header of the message. These can then be quickly deleted. Spam messages are never bounced back to the sender because false positives are possible.

Continued improvements in the website and internal functions are focused on eliminating duplication of data and effort. We continue to enhance the security of the information that passes through our servers and to improve the efficiency of Headquarters operations. If you have any questions, suggestions, or comments, contact ray@tbp.org.

—Raymond H. Thompson
Systems Administrator

Dr. Melvin R. Corley 2003 National Outstanding Advisor

Since his selection as Chief Advisor to the Louisiana Gamma Chapter in 1998, Dr. Mel Corley has done an exceptional job in restoring the chapter to good health. He was instrumental in recovering lost traditions and providing continuity and strong chapter performance!

A professor of mechanical engineering at Louisiana Tech University, Dr. Corley has demonstrated proactive leadership as a dedicated, hard working, and committed teacher who assists in recruiting students and meeting visitors. His commitment and dedication have been reflected in strong chapter growth and a much improved campus reputation.

Rich traditions of candidate and service programs have been restored, and sustainable routines have been established through Dr. Corley's strong motivational and leadership skills. Past events—the all-night test to establish new-member camaraderie and the Engineers' Ball—have been reinstated. Members help to host the annual Engineers' Day, guiding high-school students from North Louisiana as they converge to learn about opportunities in engineering. It was because of his prominence that the chapter coordinated visits from Michelin and the Segway™ human-transporter manufacturer.

An expert in computer-based systems for engineering design, manufacturing, and education, Dr. Corley guided members through the process of creating a chapter website. He uses the most currently available technology in teaching his courses, and through his guidance the university has been able to provide superior infrastructure and ad-



Dr. Melvin R. Corley, LA '70

vanced computing capabilities.

Louisiana Gamma has been frequently cited for its performance during the past five years receiving—an honorable mention in 1999-2000 for the most improved chapter; a 2000-01 R.H. Nagel Most Improved Chapter Award; Secretary's Commendations in 1999-2000 and 2001-02; and Project Award grants in 1999-2000, 2000-01, and 2001-02. Demonstrating a continuous upward trend, Louisiana Gamma was a finalist for the 2001-02 R.C. Matthews Outstanding Chapter Award—Tau Beta Pi's highest accolade!

Through the dedication of Dr. Corley and its members, the Louisiana Gamma Chapter has risen to an organization of prominence in the community. Tau Beta Pi proudly recognizes Dr. Mel Corley as the 2003 Tau Beta Pi National Outstanding Advisor!

Bylaw Requirement

Because of the ratification of amendments passed by the 2002 Convention, all Tau Beta Pi chapters are now required to list all eligible curricula for both undergraduate and graduate membership in their chapter bylaws.

The Convention established April 1, 2004, as the compliance date. If you need assistance, please contact Roger Hawks at the national Headquarters in Knoxville, TN, roger@tbp.org.

Undergraduate membership reporting is all electronic, and all chapters are required to use the on-line system. The fully automated system helps chapters receive timely responses through email. Most reports may be submitted on-line.

For information on how to use the system, see: www.tbp.org/chapters or call Headquarters.



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Important Deadlines

- GIG Project Proposal (any time)
- January 15
Fellowship Application
- March 1
Scholarship Application
- March 15
Laureate Nomination
Distinguished Alumnus Nomination
- March 21
Outstanding Advisor Nomination
- June 1
Convention Bid for 2006 & 2007

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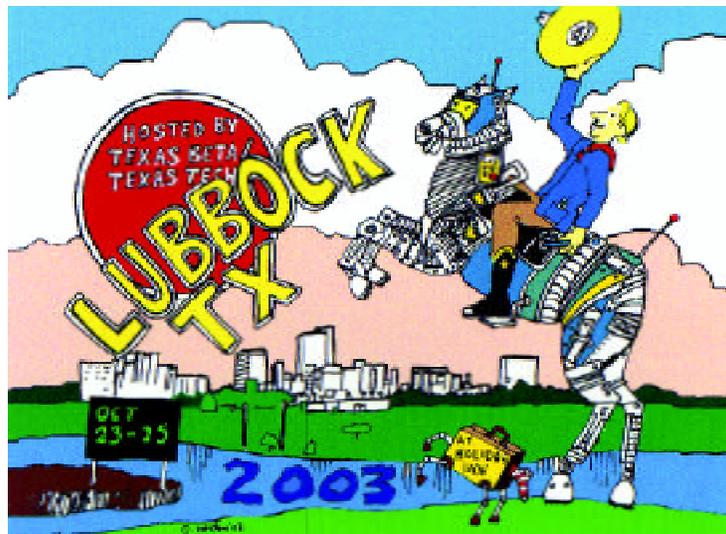
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Massachusetts Epsilon '85, Northfield, VT



Erin & Patrick are Laureates

The 2003 Laureates have been selected in the 22nd year of Tau Beta Pi's annual program to recognize gifted engineering students who have excelled in non-technical areas. Selected for athletic achievements and for international governance, they are:

- **Erin E. McIntyre**, *New Jersey Beta '03*, honored for her All-American performance in swimming; and
- **Patrick D. Schmid**, *Pennsylvania Alpha '03*, recognized for his diverse achievements, including international relations.

They join 54 other outstanding Tau Bates who have been cited since the program began in 1982. Erin and Patrick will be honored during ceremonies on October 25, 2003, at the 98th annual Convention in Lubbock, TX, where each will receive a \$2,500



Erin E. McIntyre



Patrick D. Schmid

check and a commemorative plaque.

The Laureate Program was inaugurated to further Tau Beta Pi's second basic purpose as stated in the preamble to the Constitution: "to foster a spirit of liberal culture in engineering colleges." A committee of District Directors considered 20 nominees from 14 chapters.