

# THE Bulletin

OF Tau Beta Pi

December 2011

A Publication  
for the Collegiate  
Chapters

## Hoosier Convention!

**T**HE 106th Convention of Tau Beta Pi was held October 27-29, 2011, in Indianapolis, IN, and the five Indiana Chapters were official hosts of the seventh national meeting held in the state. The hundreds of out-of-town attendees were housed in the Crowne Plaza at Historic Union Station and Omni Severin Hotel, and four business meetings were held and five meals were served in the Crowne Plaza.

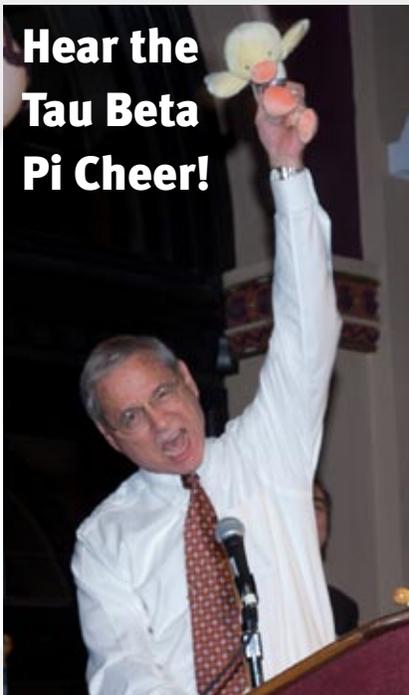
A total of 455 members participated in the business of the Convention. Of these, 314 were student voting and non-voting delegates and host-chapter members; six were alumnus chapter delegates; 53 were advisors; 63 were national officials, Convention leaders, and Engineering Futures Facilitators;

and 19 were alumnus visitors, Laureates, and a petitioner. The attendees represented 221 collegiate and six alumnus chapters. Advisors attended at the special invitation and partial expense of the Association. In addition, at least 30 non-member consultants, guests, and petitioners attended some events.

Arrangements Chair **Mark J. Tozzi, IN A '12**, guided preparations for the Convention and its extensive logistics. He and Assistant Arrangements Chair **Yichao Pan, IN Γ '12**, managed such duties as hospitality, publicity, technology,



T(BP)rekkies: Vice President Solange Dao with, from left, Councillor Norman Pih and District 2 Directors Tom Pinkham, MA E '88, and Jason Rogan, NY P '93, at the Convention Halloween costume party.



Hear the  
Tau Beta  
Pi Cheer!



Executive Director Emeritus Jim Froula, TN A '67, leads his successor, Curt Gomulinski, MI E '01, and the Convention in the traditional cheer.

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transportation, and souvenirs.

The days were filled with business, committee, District and Engineering Futures meetings, Interactive Chapter Exchanges (ICE), the model initiation, and special presentations by **Rodger F. Smith, WI A '64**, managing director of Greenwich Associates and Tau Beta Pi Trust Advisory Committee Chair, and **Harry W. Lange, MI Z '75**, Trust Advisory Committee.

Thursday saw a successful Recruiting Fair held with representatives from corporations and the graduate schools of engineering listed on page 3.

The Convention formally opened Thursday afternoon when President Larry A. Simonson presented his annual report (*see www.tbp.org*).

The Chapter Development Program of the Convention, including the District and Engineering Futures meetings and ICE seminars, is reported on page 7 in this issue. These informal sessions are extremely valuable benefits of the Convention, providing delegates the opportunity to exchange good ideas with other Tau Bates from all regions of the country. On Saturday afternoon, a model initiation was conducted by a team of national officers and Rituals Committee members.

In all, four Convention business meetings were held; **Ronald M. Hickling, CA E '80**, the Executive Council-appointed permanent chair, presided and was assisted by **Dr. John R. Luchini, P.E., MI G '71**, the appointed parliamentarian.

The Saturday Initiation and Award Banquet in the Grand Ballroom brought the Convention to a festive conclusion, as the Resolutions Committee presented its report. Retiring Executive Director **James D. Froula, P.E. (ret.), TN A '67**, was presented gifts and recognized as Executive Director and Secretary-Treasurer Emeritus, and Executive Director and Secretary-Treasurer **Curtis D. Gomulinski, MI E '01**, was installed as the Association's second CEO and the fourth Secretary-Treasurer.

The program included the presentation of Tau Beta Pi's 2011 national awards. Biographical sketches of Outstanding Advisor **Dr. Robert L. Ward, P.E., OH I '88**; Distinguished Alumnus **Richard G. Higgins, ME A '79**; McDonald Mentor **Dr. William R. Goodin, CA E '75**; and Laureates **Rosary C.T. Abot, IN G '11**; **Zachary W. Carr, NJ A '11**; **Ann M. Gilman,**

**IA A '11**; **Jonathan A. Gross AZ A '11**; and **Jennifer A. Johnson, SC A '11**, appeared in the Fall 2011 issue of THE BENT.

In Tau Beta Pi's usual method, Convention business is handled by committees, except for those few items that emerge during the meetings as new business. Seven standing committees are called for by the Constitution, and two *ad hoc* groups were also appointed. Chapter advisors met in a forum.

Every collegiate-chapter voting delegate served on a committee, and a national officer advisor opened each group's initial meeting on Thursday afternoon. Each committee selected fellow students as chair, vice chair, and secretary to present reports, recommendations, and proposals to the entire Convention. The following reports summarize formal business.

### Petitions

*D.W. LaSelle, CO E, Chair.*

After studying the petition, catalog, and inspection report and interviewing the petitioner's representatives, the group recommended that one new chapter be established at the University of San Diego. Local petitioners were: Joseph G. Ellis, Trevor C. Fortuna, and Dr. Susan M. Lord, NY A '87, advisor.

The Convention granted the petition by an overwhelming vote. California Alpha Epsilon will be officially installed on February 25, 2012, raising the number of active collegiate chapters to 238.

### Constitution and Bylaws

*D.R. Fong, CA K, Chair.*

Four topics had been referred to the committee prior to the meeting for study and recommendations. The Convention adopted, by the required vote, (1) an amendment to Constitution Art. IV, Sec. 2(g)2, to add a fourth alumnus member to the Fellowship Board and clarify the Board's duties and (2) an amendment to Constitution Art. V, Sec. 2-4, to update the retirement provisions for Headquarters staff to meet

current practice; final approval of these changes is subject to chapter ratification.



DAVID R. FONG

to clarify the terminology and processes of postponement of initiation; these changes became effective immediately.

Finally, the group reviewed and modified the Convention Code of Conduct.

### Chapter/Association Financial Affairs

*M.J. Buckentin, OH E, Chair.*

The group had been given the 2010-11 reports of the Society's auditor and Executive Director, and the budget for 2011-12. The committee reviewed the documents and concluded that Tau Beta Pi's financial health is in proper order.

The committee recommended, and the Convention adopted, specific allowable expenses beyond those specified in the Bylaws for delegates to the 2012 Convention and increased the allowed meal reimbursements. The group worked effectively with chapters to resolve debts.

### Awards

*A.R. Wooldridge, KY B, Chair.*

The committee spent long hours evaluating the chapters, selecting the 2010-11 R.C. Matthews Outstanding Chapter and R.H. Nagel Most Improved Chapter, and making recommendations to improve the selection process. The winners are reported on page 5 in this issue.



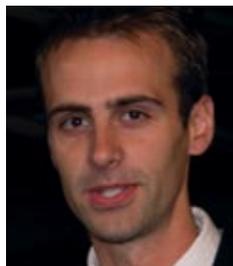
ABIGAIL R. WOOLDRIDGE



DARICK W. LASELLE

**Rituals***J.W. Chesna, NC A, Chair.*

On Saturday, delegates were favorably impressed by the model initiation that the committee helped to organize for 31 students, one alumnus, and one eminent engineer of



JACOB W. CHESNA

Indiana Alpha and three students of Indiana Gamma. No change was made to the Ritual.

**Convention Site***M.G. Burkhardt, KY A, Chair.*

This group reviewed an invitation from Washington Delta to host the 2014 Convention in Spokane and recommended that the bid be accepted. The decision will be reviewed by the Executive Council.



MELODY G. BURKHART

**MindSET Program (ad hoc)***C.A. Howsare, PA B, Chair.*

The committee diligently reviewed the status of the K-12 MindSET Program, presented information on how to conduct an effective K-12 project, and recommended the development of a model "MindSET Implementation Process."



CASEY A. HOWSARE

**Alumnus Chapter Forum***C. Craig Smith, TN E, Chair.*

The forum reported the strong support and immense potential of TBPI alumni around the world and asked the Council to establish an Alumnus Chapter Committee (*ad hoc*) for the 2012 Convention.

**Chapter Website (ad hoc)***A.M. Williams, VA B, Chair.*

The committee made recommendations to the Council, to chapters regarding their websites, and to Headquarters regarding the "Chapter Website" section. The group suggested a new chapter competition to create a template and structure for the appearance of the Association website *tbp.org* (see page 9).



ALEXANDER M. WILLIAMS

**Resolutions***J.S. Harford, NC A, Chair.*

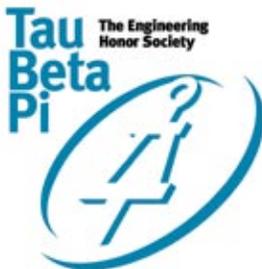
Friday morning, this group presented a delightful skit about ghost statues in the hotel and the difference between hotel trains and earthquakes. During the final banquet, Mr. Harford presented resolutions of thanks to the host chapters, officials, sponsors, alumni, and others whose support had been gratefully received by Tau Beta Pi.

The final resolution provided an inspirational charge to all:

*Thank you to everyone for being here; it is you who make this entire Convention and organization possible. It is only through your efforts that we are able to gather at a national level and conduct the business of Tau Beta Pi. This is an organization of fantastic potential. We look forward to next year and to the continued achievements of every Tau Bate.*



JOSHUA S. HARFORD



# Take a Bow, Donors!

Tau Beta Pi gratefully acknowledges the following contributors to the 2011 Indiana Convention:

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    - MIT Lincoln Laboratory
  - University of Michigan College of Engineering
    - Michigan State University College of Engineering
    - Michigan Technological University Graduate School
  - Oak Ridge National Laboratory/University of Tennessee Center for Interdisciplinary Research
  - University of Notre Dame College of Engineering
    - University of Notre Dame ESTEEM Program
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The Ph.D. Project

## 106th Convention

**\$9,000 in Scholarships**

EIGHTEEN CHAPTERS, each of which had won Chapter Project Awards for three consecutive years, won \$500 scholarships.

CHAPTER	INSTITUTION	DELEGATE
Alabama Epsilon	University of South Alabama	Quan T.D. Tran
California Alpha	University of California, Berkeley	Austin M. Bly
California Psi	University of California, San Diego	Akshay S. Chaudhari
District of Col. Alpha	Howard University	Desayo O. Ajisegiri
Florida Alpha	University of Florida	Meghan C. Ferrall
Florida Gamma	University of South Florida	Leah A. Bravard
Iowa Alpha	Iowa State University	Aaron G. Kilstofte
Michigan Gamma	University of Michigan	Daniel P. Kiefer
Michigan Epsilon	Wayne State University	Katie M. Latimer
Minnesota Alpha	Univ. of Minnesota-Twin Cities	Margaret G. Goshert
New Mexico Gamma	New Mexico Inst. of Mining & Tech.	Alyssa J. Rose
New York Tau	Binghamton University	Alexander N. Hantman
Ohio Iota	Ohio Northern University	Jeffrey B. West
Ohio Kappa	University of Akron	Sunandini Chopra
South Carolina Alpha	Clemson University	Jackson G. Turbeville
South Dakota Alpha	SD School of Mines & Technology	William H. Lichtenwaldt
Texas Alpha	University of Texas at Austin	C. Matthew Pool
Wyoming Alpha	University of Wyoming	Mallory K. Hunt

**53 Chapters “re-Membered”**

ASSISTANT SECRETARY Roger Hawks presented commendations to these chapters for membership improvements in 2010-11:

Alabama Alpha	Florida Eta	New York Gamma
Alabama Epsilon	Georgia Alpha	New York Mu
California Alpha	Illinois Alpha	New York Xi
California Epsilon	Illinois Zeta	Ohio Iota
California Kappa	Indiana Gamma	Ohio Nu
California Lambda	Iowa Alpha	Oklahoma Alpha
California Mu	Maryland Beta	Oregon Gamma
California Omicron	Massachusetts Alpha	Pennsylvania Beta
California Rho	Massachusetts Delta	Pennsylvania Kappa
California Tau	Michigan Alpha	Rhode Island Alpha
California Upsilon	Michigan Delta	Tennessee Epsilon
California Psi	Michigan Epsilon	Texas Delta
California Omega	Michigan Kappa	Vermont Alpha
Colorado Beta	Nebraska Alpha	Vermont Beta
Connecticut Alpha	New Hampshire Beta	Virginia Delta
District of Columbia Beta	New Jersey Alpha	Virginia Epsilon
District of Columbia Gamma	New York Alpha	Washington Beta
Florida Gamma		Washington Gamma

**34 Chapters Commended**

EXECUTIVE DIRECTOR Jim Froula presented commendations to these chapters for punctual Headquarters reports in 2010-11:

Alabama Epsilon	Maryland Epsilon	Ohio Nu
California Alpha	Massachusetts Alpha	Oregon Gamma
California Delta	Michigan Gamma	Pennsylvania Alpha
California Omicron	Michigan Epsilon	South Carolina Alpha
California Upsilon	Michigan Kappa	South Dakota Alpha
California Alpha Alpha	Michigan Lambda	Tennessee Gamma
Colorado Delta	Minnesota Alpha	Texas Alpha
Colorado Zeta	Minnesota Beta	Washington Delta
Florida Beta	New Hampshire Beta	West Virginia Alpha
Illinois Alpha	Ohio Iota	West Virginia Beta
Illinois Delta	Ohio Kappa	Wyoming Alpha
Indiana Delta		

**J.D.F. Membership Award**

A NEW TBPI CHAPTER AWARD was unveiled at the conclusion of the 2011 Convention.

The presentation of the inaugural J.D. Froula Most Improved Membership Award was made to Missouri Beta with honorable mentions to Arizona Gamma, Georgia Alpha, and Nevada Alpha. This award recognizes chapters for increased membership over a three-year period.

**TBPI Scholarships!**

THE TAU BETA PI ASSOCIATION SCHOLARSHIP PROGRAM for senior-year study during the 2012-13 academic year will close March 1, 2012, when applications must be in the possession of Director of Fellowships D. Stephen Pierre Jr., P.E., Alabama Power Company, P.O. Box 2247, Mobile, AL 36652.

Depending on investment earnings, 192 cash awards, each worth \$2,000, will be given in this fantastic program. They will be made on the basis of high scholarship, recommendations, extra-curricular activities, and financial need. Only junior members of TBPI who will be full-time, on-campus seniors in 2012-13 may apply at [www.tbp.org](http://www.tbp.org). Winners will be notified in April.

**'12 District Conferences**

THE DISTRICT PROGRAM provides a vital link between the Association and every chapter. Each year Directors gather students for regional conferences to provide retiring and new officers opportunities to improve chapter operations and socialize. Chapters are urged to elect new officers before their District conference. New and outgoing officers are encouraged to attend.

DISTRICT	LOCATION	DATE
1	Medford, MA	Mar. 31
2	New York City, NY	Feb. 11-12
3	Philadelphia, PA	Feb. 10-11
4	Annapolis, MD	Mar. 31
5	Greenville, SC	Feb. 25
6	Lexington, KY	Mar. 24
7	Cleveland, OH	Mar. 31
8	Milwaukee, WI	Apr. 21
9	Rolla, MO	Mar. 3
10	Austin, TX	Mar. 24
11	Minneapolis, MN	Mar. 31
12	Fort Collins, CO	Feb. 24-25
13	Phoenix, AZ	Mar. 3
14	Seattle, WA	Mar. 3
15	Stockton, CA	Mar. 17
16	Claremont, CA	Apr. 14

## 106th Convention

# Outstanding Chapter: Michigan Epsilon

**M**ichigan Epsilon at Wayne State University, was named the R.C. Matthews Outstanding Chapter for 2010-11.

The Award Committee stated that Michigan Epsilon best fulfilled the objectives of TBP over the year with its “incredible membership program, the significant involvement of advisors in chapter affairs, exceptional fundraising, and strong community outreach.”

The chapter conducted a total of 37 projects. Members planned and participated in a wide range of activities, ranging from helping with Susan G. Komen breast-cancer walk-for-the-cure to having electees make a rubbing of the Faith of the Engineer plaque.

They continued with many of their most successful activities: a college-wide tutoring program, a meet-the-college luncheon to promote the chapter and provide opportunities to meet each other, and a poker fundraiser. Members planned and took part in many new events, including the walk-for-the-cure, a holiday food drive, and lending a hand at the Gleaners community food bank.

New and past officers and other members together prepared the annual survey. This combined effort produced a thorough report of all the chapter activities, which future officers can use to plan events.

Chapter leaders included President Eric M. Gingrich, Vice President Sarah B. Wood, and Treasurer Sean M. Lechkun. Chief Advisor is Dr. Michele J. Grimm.

The honorable mention went to **California Alpha** at the University of California, Berkeley.



Katie M. Latimer, Michigan Epsilon President, accepts the Outstanding Chapter Award from Award Committee Vice Chair Vahagn F. Yeranossian, Ohio Alpha.

# Most Improved Chapter: California Tau



California Tau President Jinwan Kim is congratulated by Award Committee Chair Abigail R. Wooldridge, Kentucky Beta.

**T**he R.H. Nagel Most Improved Chapter Award was established in 1971 to recognize major improvement in chapter development, including project work and reports to Headquarters.

The 2010-11 recipient is **California Tau** at the University of California, Irvine. The Award Committee recognized a great increase in the quality and quantity of chapter projects, which were really creative.

The academic year saw more than 70 events organized by the chapter. These ranged from cleaning neighborhood streets in a zero-trash project to helping create a greener environment by working with Shadetree.

The Award Committee was especially impressed with the documentation of projects. All this effort indicated a well-organized chapter that had made significant improvements over a three-year period.

Advisors were Dr. Farghali A. Mohamed, Dr. Ali Mohraz, Said M. Shokair, and Dr. Lorenzo Valdevit.

Honorable mention went to **Tennessee Gamma** at Tennessee Technological University.

## 106th Convention

# 30 Chapter Project Awards

Executive Director Jim Froula presented Chapter Project Awards for outstanding performance during 2010-11 to the following 30 chapters:

Roy Thompson, TBIT

CHAPTER / INSTITUTION	NO. PROJECTS	CHAPTER / INSTITUTION	NO. PROJECTS
AL E University of South Alabama	17	MI Γ University of Michigan	53
• Recognized the outstanding sophomore		• Conducted several MindSET sessions	
• EYE: Engaging Youth in Engineering in grade schools		• Enjoyed pleasant winter weather while cleaning an arboretum	
CA A University of California, Berkeley	58	MI E Wayne State University	37
• Rebuilding Together: Improved elderly woman's home		• Asked electees for rubbing of "Faith of the Engineer" plaque	
• Worked to restore Strawberry Creek		• Helped Race for the Cure	
CA E University of California, Los Angeles	42	MI Θ Oakland University	16
• Hosted K-12 students at the on-campus Science Corp.		• Participated in Detroit-area pre-college engineering program	
• Volunteered at Westwood Horizons Retirement Home		• Guided tours for school of engineering and computer science	
CA Σ University of California, Santa Barbara	14	MI I University of Michigan–Dearborn	21
• Promoted family ultimate science experience		• Organized and hosted regional Science Olympiad	
• Planted trees in the Santa Barbara community		• Tutored fellow students	
CA T University of California, Irvine	41	MN A University of Minnesota–Twin Cities	25
• Helped create a greener environment with Shadetree		• Packed meals for feed-my-starving-children program	
• Worked to achieve zero-trash Newport		• Collected cash to purchase engineering-related Toys for Tots	
CA Ψ University of California, San Diego	56	NM Γ New Mexico Institute of Mining & Technology	13
• Won first prize in the Rube Goldberg contest		• Designed test as part of the state Science Olympiad	
• Volunteered and had fun at Hacienda Orphanage		• Adopted a highway	
CO A Colorado School of Mines	20	NY T Binghamton University	20
• Tutored high-school students		• Helped collect blood for Red Cross—60 people participated	
• Held MindSET session at Bell Middle School		• Helped children enjoy Boo at the Zoo	
DC A Howard University	7	OH I Ohio Northern University	24
• Participated in USA Science and Engineering Fair		• Helped at Ada High School regional quiz bowl	
• Helped restore historical fence in south-east district		• Helped light Ada Park for Christmas	
FL A University of Florida	43	OH K University of Akron	16
• The project that started MindSET–GatorTRAX		• Repaired toys for kids with disabilities—Replay for Kids	
• Hosted SECME Olympiad		• Volunteered at national park on make-a-difference day	
FL Γ University of South Florida	28	SC A Clemson University	13
• Volunteered at Museum of Science and Industry		• Participated in solid-green clean-up	
• Helped at the Relay For Life		• Hosted engineering expo in engineering and science week	
GA A Georgia Institute of Technology	38	SD A South Dakota School of Mines & Technology	11
• Helped Historic District Development Corporation		• Kept a section of the highway clean	
• Helped give meals to people with health conditions		• Conducted a MindSET project at a local elementary school	
IL A University of Illinois at Urbana-Champaign	29	TN Γ Tennessee Technological University	8
• Volunteered time at the Champaign Public Library		• Helped middle-school students at campus STEM center	
• Won competition to collect most items for food bank		• Tutored math and science at a local alternative school	
IA A Iowa State University	29	TX A University of Texas at Austin	67
• Held annual catapult competition		• Cleaned up the Barton Creek greenbelt	
• Gave 150 kids a hands-on introduction to engineering		• Improved low-income housing energy efficiency	
MDB University of Maryland	41	WVA West Virginia University	23
• Worked with Habitat for Humanity in New Orleans		• Purchased bicycle helmets for underprivileged children	
• Assisted at the Maryland Science Bowl		• Adopted a highway	
MDE Morgan State University	15	WYA University of Wyoming	11
• Participated in a regional MindSET training session		• Organized and hosted the engineering honors banquet	
• Helped to "Introduce a Girl to Engineering"		• Helped high-school students stay "Upward Bound"	

## 106th Convention: Chapter Development

# It's Time To Get Personal!

Chapters have been encouraged to 'Initiate One More' electee, and most have done so. But, in order to continue this trend, a personal touch needs to be added. Growth is the ultimate goal in chapter development and the place where it all begins. In the Chapter Development Cycle, increased membership results in better leaders, increased service, improved image, more members, ... and on it goes. More members make it easier to reach out to those students we elect to join us.

A total of 120 chapters met the "One More" goal. That's six fewer than the year before. The Association as a whole only made it halfway to the goal! Georgia Alpha outperformed all other chapters by initiating an additional 43 electees!

Chapter officers did a good job of contacting the eligible students and following up! They also took advantage of contacting the parents of the electees with letters from the dean. But a personal invitation remains the most effective means of inviting your fellow students to join us.

Interactive Chapter Exchange sessions are held on Friday at each Convention—and the reason these meetings are so popular lies in the first word: Interactive. Trained teams of national officials conducted these ICE sessions using the presentation skills of our Engineering Futures Facilitators. Students shared problems facing all chapters and worked together to develop solutions. This year, two groups focused on the unique challenges faced by our larger chapters.

Development presented various faces in Indiana. Convention Chair Ronald M. Hickling and Parliamentarian



District 12 Directors, from left, Wade A. Hull, Lindy M. Johnson, Gregory M. Newcomb, and Tricia E. Gomulinski weigh the issues during a meeting in Indianapolis.

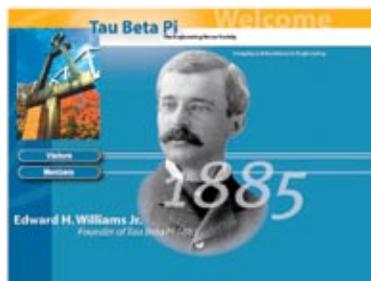
John R. Luchini, Ph.D., P.E., instructed committee chairs, vice chairs, and secretaries in the dos and don'ts of parliamentary procedure. These leaders gained valuable experience guiding their teams and presenting reports. Non-voting delegates gained interpersonal, team-building, and meeting-management skills at EF sessions. District Directors gathered delegates in each of the 16 regions to renew friendships and begin new ones.

Committees met on Thursday and Friday to handle the business of the Association. This assembly provided ample opportunity to practice the original Robert's Rules as Tau Bates debated motions and amendments. An occasional point of order was heard echoing in the Grand Hall.

Chapter advisors are priceless assets. Fifty-three of them made the trek to Indianapolis where they met as a forum to decide how they might better serve the Society and their chapters. They also attended ICE sessions alongside their delegates.

The enduring strength of TBPI is you, the member. You will carefully elect new members who will then improve and strengthen your chapter. Be certain that they receive the invitations. Contact electees, and let them know of our sincere desire to join us. Help them understand what it is about TBPI that made you join. After initiation, interact with them. You can build an even greater Association. It just takes time.

—Roger E. Hawks, Assistant Secretary-Treasurer



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### Collegiate Chapters

Find links to chapters and their contact information by their associated schools.  
[www.tbp.org/pages/under/Chapters, Collegiate](http://www.tbp.org/pages/under/Chapters,Collegiate)

### District Directors

Includes each Director and contact information.  
[www.tbp.org/pages/under/About TBP, People](http://www.tbp.org/pages/under/AboutTBP,People)

### Chapter Website

Find everything your Chapter could need. This page is indispensable for filing reports.  
[www.tbp.org/Chapters](http://www.tbp.org/Chapters)

### Chapter Materials Order

The best place to order electee invitations, posters, castings, other useful supplies, and honor cords and stoles at discounted prices.  
[www.tbp.org/pages/under/Chapters, Collegiate](http://www.tbp.org/pages/under/Chapters,Collegiate)

> 12,800,000 hits!

LOG ON AND CHECK OUT THE TAU BETA PI WEBSITE

## Seeking TBPi-McDonald Mentor Nominees

Marion and Capers W. (North Carolina Gamma '74) McDonald and the Association have established an award to celebrate excellence in mentoring and advising among TBPi educators and engineers. The honor recognizes those who have consistently supported the personal and professional development of their students and colleagues through mentorship.

The TBPi-McDonald Mentor is chosen by a committee of national officials and will be presented a special medalion and a \$2,000 cash award (\$1,000 to honoree and \$1,000 to the nominating chapter—or to the honoree's chapter



if nominated by a member). Only one award will be presented at any annual Convention.

Any chapter or member may nominate one (or more) alumnus member(s) for the award. The following material is required to be sent in digital form to the Executive Director by April 1:

1) A one-page summary of achievements and/or contributions of the nominee exemplifying the objective of the award.

2) Two letters of reference from persons other than the nominating party or sponsoring chapter president who are familiar with the nominee's contributions and achievements, such as a dean or supervisor.

### Bring EF to your Campus!

**B**ring the TBPi Engineering Futures Program to your campus. Contact Sherry King ([sherry@tbp.org](mailto:sherry@tbp.org)) today about hosting an EF session. Download a set of fliers to help promote the event at [www.tbp.org/pages/About/Programs/EF/EFmain.cfm](http://www.tbp.org/pages/About/Programs/EF/EFmain.cfm).

The program won the American Society of Engineering Education Corporate Member Council's **2007 Excellence in Engineering Education Collaboration Award**. This recognition validated two decades of effort by TBPi Facilitators since 1988. Approximately 3,100 engineering students annually participate in 234 sessions to learn interpersonal skills.

### Educational Loan Fund

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

Repayment is required to begin after three years, and a simple interest rate of six percent is charged from the day the loan is received.

Interested students can obtain promissory notes and loan applications from their chapter president, the website, or the international Headquarters in Knoxville.

### TBPi Special Discount

Members of TBPi may be eligible for an additional discount off their automobile insurance through a new partnership with GEICO.

This special member discount is eight percent in most states and is available to qualified members in 45 states and the District of Columbia. To take advantage of the discount, visit [www.tbp.org/pages/ForMembers](http://www.tbp.org/pages/ForMembers) and select the GEICO link under "Member Benefits."



## 2012 Chapter Anniversaries

<i>100<sup>th</sup></i>	<b>Pennsylvania Beta</b>	May 4, 1912	Pennsylvania State University
	<b>Washington Alpha</b>	June 4, 1912	University of Washington
<i>75<sup>th</sup></i>	<b>Texas Beta</b>	December 11, 1937	Texas Tech University
<i>50<sup>th</sup></i>	<b>Texas Epsilon</b>	February 10, 1962	University of Houston
	<b>District of Columbia Beta</b>	March 31, 1962	Catholic University of America

# Alumnus, Association, & Student News

## Student Spotlight

**L**aura M. Barito, *NJ A '11*, was selected as the 2011 NCAA woman of the year. The prestigious award recognizes student-athletes for academics, athletics, community service, and leadership. Barito recently graduated from Stevens Institute of Technology with a degree in mechanical engineering. She is a 22-time All-American in swimming and track and a two-time NCAA national champion in the 50-yard freestyle and 400-meter hurdles, respectively.

**M**issouri University of Science and Technology awarded the woman student of the year gold award to Anna Louise Osborne, *MO B '11*. Anna is a senior majoring in civil and architectural engineering.

## Alumnus Spotlight

**D**ennis L. Coombs, *WA A '74*, was recently elected as mayor of Longmont, CO. Coombs is a 31-year resident of Longmont, an engineering staff consultant at Ball Aerospace, and the owner of the Pumhouse Brewery & Restaurant.

**P**urdue University's school of aeronautics and astronautics recently awarded Paul Shattuck, *IN A '74*, the 2011 outstanding aerospace engineering award. Shattuck is Lockheed Martin Space Company's director for directed energy systems. He was recognized for contributions to aircraft self-defense, energy systems, and missile defense.

## Facebook Convention Group & Images

**A** [Convention Facebook group](#) has been created for attendees of Tau Beta Pi's 106th annual Convention. The group features comments, pictures, and video from the Convention in Indianapolis. We encourage members to join this group to strengthen friendships and to network with your engineering peers from around the country.

**P**ictures of the 2011 Convention award winners, committee chairs, and other memorable moments are now available on [Flickr](#).

## Website ReDesign Contest & Internship

**T**he 2011 Convention Committee on Website Development recommended and the Convention approved a competition among TBPi chapters to submit sample designs for an updated Association home page and a consistent redesign across all pages of the [www.tbp.org](http://www.tbp.org) website.

Graduate and undergraduate members are eligible to compete in this design competition. The deadline for submitting a new website template and sample code is March 1, 2012. Contest submissions and questions may be sent via email to [dylan@tbp.org](mailto:dylan@tbp.org).

The winning design will be selected in mid-March 2012. The Society will offer up to two members of the winning team a paid summer internship at TBPi Headquarters to work with the webmaster on implementing the new design. Complete contest rules and information are available [online](#).

## Alumnus Chapters

**S**pread the word—an alumnus chapter wants you! There are 18 active TBPi alumnus chapters across the country. Interest and plans are in place for chapters in Grand Rapids, MI; Houston, TX; New Orleans; and more. Learn how you can become involved with TBPi programs, such as Engineering Futures and MindSET. See [the alumnus chapter contact list](#) or visit [TBPCONNECT](#) to join an alumnus interest group.

## Member Benefits

SEE COMPLETE LIST at [tbp.org/pages/ForMembers](http://tbp.org/pages/ForMembers)

- **GEICO**—additional discounts on automobile insurance.
- **Linked-In**—join 7,300 members in our official group for professional networking and career discussions. (Search: Tau Beta Pi Engineering Honor Society)
- **LTCFP**—long-term care outreach and education program with access to favorable rates on long-term care insurance.
- **My Home Benefits**—moving discounts & real-estate services.
- **PPI**—discounts on professional licensing exam review materials (FE/EIT, PE, LEED, & more).
- **TBP Job Board**—post a résumé online and browse through hundreds of engineering jobs at top companies.



Tau Beta Pi's famous Solid Gold Dancers performed during the Friday banquet of the 2011 Convention to emphasize the fun and importance of philanthropy.

## 2012 Fellowships

Tau Beta Pi's 79th annual program of graduate fellowships for study in the 2012-13 academic year will close January 31, 2012, when applications must be in the possession of Director of Fellowships D. Stephen Pierre Jr., P.E.

Approximately 18 cash awards will be given, each worth \$10,000, made on the promise of future development in engineering or related fields, and financial need. Winners will be selected by the Fellowship Board and notified in April.

All members of Tau Beta Pi are eligible to apply. Students and alumni may download informational pdf files from [www.tbp.org](http://www.tbp.org).

### Important Deadlines

- **January 31** Fellowship Application
- **February 1** Distinguished Alum Nom.
- **March 1** Scholarship Application
- **April 1** Outstanding Advisor, McDonald Mentor, and Laureate Nominations
- **June 1** Convention Bid for 2015
- **None** MindSET Project Proposal

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## Tau Beta Pi: THE BENT



### GIG Grant Dollars

Your chapter could receive up to \$750 to conduct a project involving civic affairs and public-policy issues. The cash is available under TBP's Greater Interest in Government Program to involve students in their communities and the political process. Send your proposal to Headquarters.

### BULLETIN is on Web only

ISSUES of THE BULLETIN are available only at [www.tbp.org](http://www.tbp.org).

## MindSET Cash Grants

Your chapter may win up to \$1,000 to help encourage K-12 students in the STEM disciplines. Grants for 2010-11 were given to Michigan Gamma (\$1,220 for two grants) and New York Tau (\$565 for two grants).

The cash from TBP's MindSET Program is available to chapters to encourage students in their communities about the importance of math and science.

Send your chapter proposal to Headquarters. Application guidelines are in Section C-VI of the *President's Book* and on [the website](http://www.tbp.org). Up to 10 grants may be given, and proposals will be considered on a first-come, first-served basis.

[Visit [www.tbp.org/mindset](http://www.tbp.org/mindset)]

## Nominate a Laureate!



#### 2011 Laureates

Rosary C.T. Abot, IN I '11;  
Zachary W. Carr, NJ A '11;  
Ann M. Gilman, IA A '11; (top);  
Jonathan A. Gross, AZ A '11;  
and Jennifer A. Johnson,  
SC A '11, were recognized at  
Tau Beta Pi's Convention in  
Indianapolis, IN.

Exceptional Tau Bates are recognized annually at each Convention for their talents and contributions to society beyond the normal perimeters of engineering. This year, five outstanding students were recognized for accomplishments in athletics, arts, and diverse achievements. They each received a \$2,500 cash prize, a plaque, and national publicity in THE BENT and on the web.

The Tau Beta Pi Laureate Program has been recognizing collegiate members since 1982 and has recognized contributions of Tau Bates in the arts, athletics, diverse achievements, and service. Chapters select nominees from their members; information on how to proceed is found in the *President's Book* (pp. C-29 & 30) and on the web at [tbp.org/chapters](http://tbp.org/chapters).

If an extraordinary member in your chapter qualifies, submit a nomination package in digital format to Headquarters by April 1—to the attention of Secretary Treasurer Gomulinski.