



# Announcing

SEVENTY-NINTH ANNUAL PROGRAM OF

## **Tau Beta Pi Fellowships**

FOR ADVANCING THE INTEREST OF  
THE ENGINEERING PROFESSION

INCLUDING THE

TAU BETA PI-ARM FELLOWSHIP  
TAU BETA PI-KING FELLOWSHIP  
TAU BETA PI-FIFE FELLOWSHIPS  
TAU BETA PI-STARK FELLOWSHIP  
TAU BETA PI-NAGEL FELLOWSHIP  
TAU BETA PI-FORGE FELLOWSHIP  
TAU BETA PI-HANLEY FELLOWSHIP  
TAU BETA PI-SPENCER FELLOWSHIP  
TAU BETA PI-WILLIAMS FELLOWSHIP  
TAU BETA PI-DEUCHLER FELLOWSHIP  
TAU BETA PI-SIGMA TAU FELLOWSHIP  
TAU BETA PI-MATTHEWS FELLOWSHIP  
TAU BETA PI-ZIMMERMAN FELLOWSHIP  
TAU BETA PI-CENTENNIAL FELLOWSHIP  
RAYMOND A. AND INA C. BEST FELLOWSHIP  
MARSHALL AND MABEL E. ANDERSON FELLOWSHIP

**FOR**

FULL-TIME GRADUATE STUDY  
DURING THE ACADEMIC YEAR  
2012-13

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### **Amount of Each Fellowship**

**\$10,000**

### **Payable in 10 Monthly Installments**

ADDITIONAL FELLOWSHIPS WITHOUT STIPEND WILL BE AWARDED  
ONLY TAU BETA PI MEMBERS ARE ELIGIBLE

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### **FILING DEADLINE—JANUARY 31, 2012**

For additional information, contact the Director of Fellowships by email:  
[fellowships@tbp.org](mailto:fellowships@tbp.org)

D. Stephen Pierre Jr., P.E.  
Alabama Power Company  
P.O. Box 2247  
Mobile, AL 36652-2247

Apply after November 1, 2011, at [www.tbp.org](http://www.tbp.org)

# Information for Applicants

(Please read carefully; non-compliance will result in disqualification of application.)

## The Tau Beta Pi Fellowship Program

The administration of these fellowships has been kept as free of restriction as possible, in order to accommodate students with original ideas. However, Tau Beta Pi is the engineering honor society, and fellows are expected ultimately to advance the interest of the engineering profession. Only members of Tau Beta Pi are eligible to apply. In 2011, 35 Tau Beta Pi Fellowships were awarded; 219 applications were received. Members of the Fellowship Board are:

D. Stephen Pierre Jr., P.E., *Alabama Epsilon '90*, Director,  
Dr. Darrell W. Donahue, *North Carolina Alpha '86*,  
Dr. Susan L.R. Holl, *California Lambda '76*, and  
Major Jammie L.H. Jamieson, *Colorado Zeta '00*.

## The Fellowships

The Centennial Fellowship, given first in 1985, commemorates the 100th anniversary of TBPI. The Centennial Fellow shall have demonstrated outstanding scholastic skill as well as similar dedication to TBPI as demonstrated by Founder Williams. The designation is given to that fellow who the Fellowship Board deems most outstanding.

The TBPI-Fife Fellowships are named for James Fife, father of its sponsor, William Fife, *California Alpha '21*.

The TBPI-Stark Fellowship is named for Donald A. Stark who contributed much to progress in the fluid-power industry. Sponsored by the Donald A. and Jane C. Stark Charitable Trust, it is awarded to a fellow who plans graduate study in the field of fluid power.

The TBPI-Spencer Fellowship was established in 1955 to honor Charles H. Spencer, 1936-47 President, who did much to advance the Society and to guide and inspire engineering students. It is given to a fellow whose contributions to a chapter and college are judged most commendable.

The TBPI-King Fellowship was established in 1961 in honor of Harold M. King, 1954-58 President, to perpetuate his interest in the professional development of young engineers. It is given to that fellow whose leadership and participation in a national technical society's student branch are judged outstanding.

The TBPI-Sigma Tau Fellowship commemorates the Sigma Tau Fraternity, which merged into the Tau Beta Pi Association in 1974, and Clarel B. Mapes, its former president and secretary-treasurer.

The TBPI-Deuchler Fellowship is named for Walter E. Deuchler Sr., *Illinois Alpha '10*, who left a bequest sufficient to endow a fellowship in his field of professional interest: water supply, wastewater treatment, and ecological disciplines.

The TBPI-Williams Fellowship was established in 1980 to honor Dr. Edward H. Williams Jr., Founder of TBPI. It is given to a fellow who has demonstrated an aptitude for teaching, possesses outstanding ethical and cultural attributes, and plans to earn a doctoral degree and follow the profession of engineering teacher.

The Matthews and Nagel Fellowships were established in 1998 in honor of former Secretary-Treasurers R.C. Matthews and R.H. Nagel.

The Anderson Fellowship is named for Mabel E. & Marshall Anderson, *Michigan Gamma '32*, who left a bequest to the Society in 2005.

The Arm Fellowship is named for Rena Miller Arm & David L. Arm, *Pennsylvania Epsilon '30*, who left a bequest in 2007.

The TBPI-Forge Fellowship is named for Charles O. Forge, *California Gamma '56*, who made a gift in 2010 sufficient to endow awards intended particularly for members of California Gamma.

The Hanley Fellowship is named for Mary A. Hanley & Edward P. Hanley, *Illinois Beta '42*, who left a bequest to the Society in 2007.

The Zimmerman Fellowship is named for Marlin U. Zimmerman Jr., *Maryland Alpha '44*, who left a bequest to the Society in 2010.

Other fellowships, authorized by the Executive Council, are numbered.

The Raymond A. & Ina C. Best Fellowship was established in 1995 for a graduate engineer/member to be used to study business administration at Rensselaer Polytechnic Institute and acquiring a master's degree in business. Applicant must write "R.A. Best Fellowship" on the application.

## Basis of Awards

In determining to whom the fellowships shall be given, the Board is guided by the practical consideration that they go to those who really deserve them. But, in any case, it looks for high scholarship, strong faculty recommendations, definite extracurricular contributions, unusual promise of substantial achievement through a definite plan or purpose, and a program through which accomplishment will advance the interest of the engineering profession. A well-planned and well-directed course of study accomplishes more than aimless and disconnected academic wandering.

The applicant should seek guidance from The Eligibility Code found on page iv of *The Constitution and Bylaws and Eligibility Code of The Tau Beta Pi Association, Inc.* The Fellowship Board has the sole authority to select those Fellows to receive an award. The Director of Fellowships in consultation with the Executive Director is empowered to arbitrate and apply the applicable rules that govern the program.

## Who is eligible

Applications are welcomed from all **members** of Tau Beta Pi—students and alumni. If your initiation is accurately reported to Headquarters by March 28 before the Board meets, you may apply. No fellowship will be awarded to any applicant who is not a member of Tau Beta Pi on the date the selections are made. If an award is made because of inaccuracy on the application, the award will be automatically revoked when the error is discovered. The membership records maintained at Tau Beta Pi Headquarters are the sole indicator of membership status. Because the application is designed primarily for seniors, alumni will have to study the requirements listed and use judgment as to how best to meet them in terms of his or her own situation.

The number and quality of applicants are always of such caliber as to enable the Board to select fellows with well-rounded qualifications. *An applicant should, therefore, provide as detailed information as possible to each part of the application. Preference is given to applicants who will be first-time graduate students.*

## How to Apply ([www.tbp.org](http://www.tbp.org))

Instructions, FAQs, and the application are at [www.tbp.org](http://www.tbp.org). Browse the "For Members" link. **In order to assure timeliness of information submitted, applications may not be submitted before November 1, 2011.**

## Late Date for Filing

Application must be submitted online or postmarked on or before January 31, 2012; use first-class mail, not special delivery, even if mailed on the deadline. Please consider the availability of data from your school's staff during holidays, and plan accordingly. If school does not resume before January 26, it may be impossible for you to acquire the necessary information to complete your application if you procrastinate.

## Amount of Awards & Payment

Each fellowship award this year is cash in the amount of \$10,000 payable in ten monthly increments beginning August 15.

Fellows who have other financial aid for their graduate study in excess of tuition may be awarded Tau Beta Pi fellowships without stipend. Persons being supported by salary from industry, government, or other sources may not be entitled to the stipend, but if selected for a fellowship, that fellowship will be awarded without stipend.

## Date of Announcement

Awards will be announced by April 9, soon after the Board meets. Notification by email will be sent to all other applicants shortly thereafter.