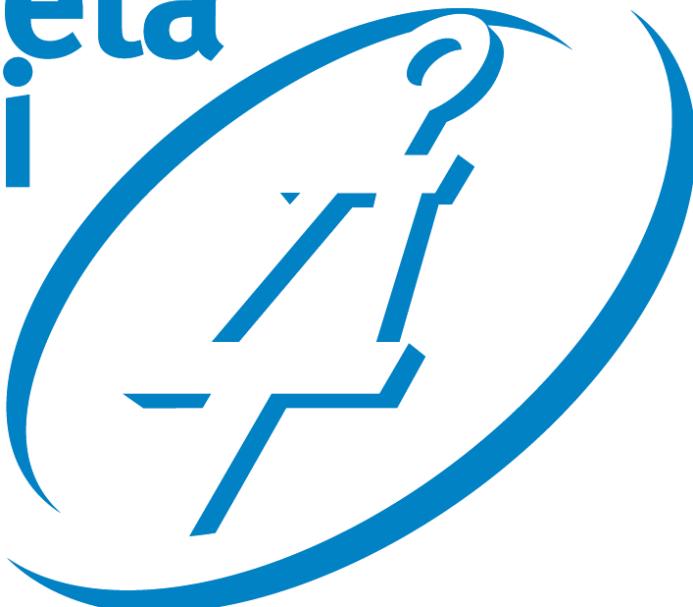


**Tau
Beta
Pi**

The Engineering
Honor Society



2013 - 2014

Information Book

Integrity and Excellence in Engineering

Future Conventions:

October 2-4, 2014.....Spokane, WA

October 29-31, 2015.....Providence, RI

Published in October 2013 by:

The Tau Beta Pi Association, Incorporated

508 Dougherty Engineering Building, University of Tennessee

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2013-2014

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The Association

The Tau Beta Pi Association, Inc., the engineering honor society, was founded at Lehigh University in 1885 by Dr. Edward Higginson Williams Jr. "to mark in a fitting manner those who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character as undergraduates in engineering, or by their attainments as alumni in the field of engineering, and to foster a spirit of liberal culture in engineering colleges."—*Preamble to the Constitution*.

An honor society is an association of primarily collegiate members and chapters whose purposes are to encourage and recognize superior scholarship and/or leadership achievement either in broad fields of education or in departmental fields at either undergraduate or graduate levels.

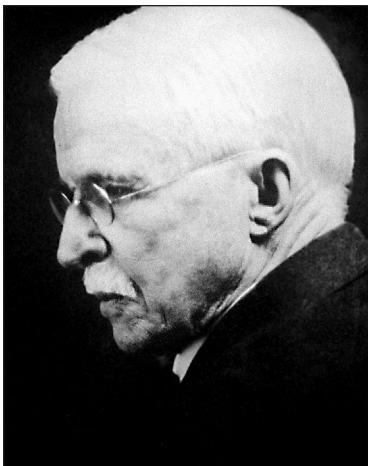
The honor society has followed the expansion and specialization of higher education in America. When Phi Beta Kappa was organized in 1776, no thought was given to its proper "field" because all colleges then in existence were for the training of men for "the service of the church and the state." With the expansion of education into new fields, a choice had to be made, and the society elected to operate in the field of the liberal arts and sciences. Although this was not finally decided until 1898, the trend was evident years earlier, and 1885 saw the establishment of Tau Beta Pi.

Founder Edward H. Williams Jr. was born at Proctorsville, Vermont, on September 30, 1849; he died at Woodstock, Vermont, on November 2, 1933. A member of Phi Beta Kappa, he was head of the mining department of Lehigh University when he determined to offer technical men as good a chance of recognition for superior scholarship in their field as that afforded by the other society in the liberal arts and sciences.

Working alone he conceived an organization, gave it a name, designed its governmental structure, drew up its constitution, prepared its badge and certificate, established its membership requirements, and planned all the necessary details for its operation including the granting of chapters and the holding of conventions.

Thus, with only a paper organization, he offered membership to qualified graduates of Lehigh and received their acceptances and enthusiastic endorsement. Late in the spring of 1885 he invited the valedictorian of the senior class, Irving Andrew Heikes, to membership and he accepted, becoming the first student member of Tau Beta Pi; but, as it was the end of the term, there was no time to initiate the rest of the eligible men from the class of 1885.

Mr. Heikes returned for graduate work, and in the fall of 1885, he, Dr. Williams, and two alumni who had earlier accepted membership, initiated the eligible men from the class of 1886 and organized the chapter. The parent chapter, Alpha of Pennsylvania, existed alone until 1892 when Alpha of Michigan was founded at Michigan State University.



DR. EDWARD H. WILLIAMS, JR.

A.B., A.C., E.M., Sc.D., LL.D.

1849-1933

Founder of The Tau Beta Pi Association, Inc.

A detailed account of the founding and early history of Tau Beta Pi was written by Edwin S. Stackhouse, *Pennsylvania Alpha 1886*, after years of painstaking research (*The Bent*, April 1941). Records of essential dates were lost, but Mr. Stackhouse deduced that June 15, 1885, was the day on which the first undergraduate student was initiated. Subsequent evidence, in the form of Mr. Heikes' original invitation to membership, discovered in 1943, confirmed this date.

Since the founding of the Michigan Alpha chapter, Tau Beta Pi has grown steadily; there are now active collegiate chapters at 241 institutions, chartered alumni chapters in 66 locations, and a total initiated membership of over 544,000.

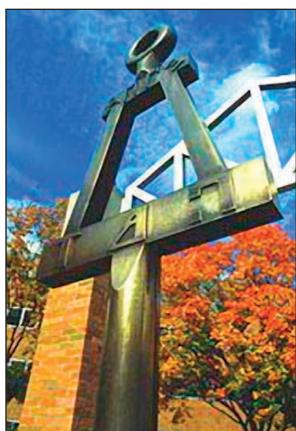
The Association was incorporated under the laws of Tennessee on December 1, 1947. The official name of the Society is The Tau Beta Pi Association, Incorporated. It is a not-for-profit, educational organization with no stock-issuing power. Its assets are held in its corporate name or in trust. The Association is classified under Section 501(c)(3) (not private) of the United States Internal Revenue Code, and gifts and bequests to it are tax deductible.

Tau Beta Pi is a founding member of the Association of College Honor Societies, an association member of the American Society for Engineering Education, and an affiliate of the American Association for the Advancement of Science.

The official badge of the Association is a watch key in the form of the bent of a trestle (shown below right), engraved on the reverse side with the member's last name, chapter, and class. The colors of the Association are seal brown and white. The official quarterly magazine is *The Bent of Tau Beta Pi*. The name of the Association, its badge, and the title of its magazine are registered in the United States Patent Office. The creed of Tau Beta Pi, adopted in 1991, is *Integrity and Excellence in Engineering*.

The word *key* describes the insignia of many organizations. It comes from the fact that it was first designed, in the late eighteenth century, to include a pocketwatch winding feature, hence *key*. The bottom stem, added to the basic insignia, had a tapered square hole fitting the common sizes of watch-winding shafts. The top stem and ring were added so that the key could be worn as a pendant from a chain, rather than as a pin or badge, thus easily used to wind watches. When the "stem-winder" watch was introduced in the late nineteenth century, it replaced the key-winder. But the insignia *key* remained, although with a vestigial hole now round for manufacturing ease and economy.

The Headquarters of Tau Beta Pi are located on the campus of the University of Tennessee in Knoxville and have been there since R.C. Matthews went to the university as a young instructor in 1907. R.C. Matthews served as Tau Beta Pi's Secretary from 1905 to 1912 and as Secretary-Treasurer from 1912 until his retirement in 1947. Before he assumed office in 1905, the Headquarters offices had been moved to wherever the offices of the Secretary were located. Professor Matthews' long service to Tau Beta Pi and the University of Tennessee has made the university the permanent Headquarters of the Association. In 1963, the staff moved into a suite of offices designed specifically for Tau Beta Pi in the then-new Nathan W. Dougherty (NY Δ 1913) Engineering Building and are located in the same offices still today.



Above: The bent on a trestle bridge is key to giving the structure its integrity.

Left: On college campuses, the Bent stands as a symbol for the integrity of Tau Beta Pi.

Merger with Sigma Tau

On January 1, 1974, the Sigma Tau Fraternity merged into The Tau Beta Pi Association. The action was taken by the collegiate chapters of the two organizations following lengthy study and recommendation by their Councils. Sigma Tau was founded in 1904 at the University of Nebraska as an engineering honor society. At the time of merger, it had 34 collegiate chapters and a total initiated membership of 45,000. The basis of merger was the conviction that a single, strong honor society would better serve the engineering profession.

The resulting organization is Tau Beta Pi, unchanged in name, purpose, governance, operating procedures, and membership requirements (except for the automatic Tau Beta Pi membership eligibility of all Sigma Tau members).

The 22 Sigma Tau chapters at institutions formerly without Tau Beta Pi chapters began functioning under Tau Beta Pi rules on January 1, 1974, and were converted to chapters of the Association in formal ceremonies on the dates shown in the roster of chartered collegiate chapters on pages 6-14. The 12 Sigma Tau chapters co-existing on campuses with Tau Beta Pi were merged into the Association, by initiation of their active members in early 1974. The national headquarters office of Sigma Tau in Lincoln, Nebraska, was closed on June 30, 1974, and its records were transferred to Tau Beta Pi Headquarters in Knoxville, Tennessee.

Under terms of the merger plan, the financial assets of the Sigma Tau fraternity were used in meeting the costs of converting and merging its chapters, of giving its initiated active members all the insignia and materials regularly going to new members of Tau Beta Pi, and of extending all paid Sigma Tau magazine (*The Pyramid*) subscriptions to Tau Beta Pi's magazine (*The Bent*). The Sigma Tau Foundation, Inc., was dissolved and its assets were transferred directly to Tau Beta Pi's Fellowship Fund. There, the invested sum will earn a return to assist in providing an annual Tau Beta Pi-Sigma Tau fellowship under the Association's regular graduate study award program.

Under terms of the merger plan, all Sigma Tau alumni have been offered membership in Tau Beta Pi at the current initiation fee charge. Those who choose not to join the Association will have all Sigma Tau membership services (except for *The Pyramid*, which has been discontinued) available to them through the Tau Beta Pi Headquarters.

The last national officers of the Sigma Tau Fraternity were: President G. W. Forman, Vice President H.H. Bartel Jr., Secretary-Treasurer J.P. Colbert, and Councillors C.W. Leihy, R.P. Moser, R.E. Peterson, and J.W. Straight.



Chapters and Districts

Chartered Collegiate Chapters

No.	Chapter	Establishment Date	Institution
1	Pennsylvania Alpha	June 15, 1885	Lehigh University; Bethlehem
2	Michigan Alpha	November 5, 1892	Michigan State University; East Lansing
3	Indiana Alpha	April 10, 1893	Purdue University; West Lafayette
4	New Jersey Alpha	March 27, 1896	Stevens Institute of Technology; Hoboken
5	Illinois Alpha	June 2, 1897	University of Illinois at Urbana-Champaign
6	Wisconsin Alpha	May 5, 1899	University of Wisconsin-Madison
7	Ohio Alpha	May 19, 1900	Case Western Reserve University; Cleveland
8	Kentucky Alpha	April 5, 1902	University of Kentucky; Lexington
9	New York Alpha	April 11, 1902	Columbia University; New York
10	Missouri Alpha	November 15, 1902	University of Missouri-Columbia
11	Michigan Beta	August 6, 1904	Michigan Technological University; Houghton
12	Colorado Alpha	May 5, 1905	Colorado School of Mines; Golden
13	Colorado Beta (Iota)*	June 8, 1905	University of Colorado at Boulder
14	Illinois Beta	April 6, 1906	Illinois Institute of Technology; Chicago
15	New York Beta	May 16, 1906	Syracuse University; Syracuse
16	Michigan Gamma	June 14, 1906	University of Michigan; Ann Arbor
17	Missouri Beta	December 21, 1906	Missouri University of Science & Technology; Rolla
18	California Alpha	April 10, 1907	University of California, Berkeley
19	Iowa Alpha	December 20, 1907	Iowa State University; Ames
20	New York Gamma	June 12, 1908	Rensselaer Polytechnic Institute; Troy
21	Iowa Beta	March 30, 1909	University of Iowa; Iowa City
22	Minnesota Alpha	June 9, 1909	University of Minnesota-Twin Cities; Minneapolis
23	New York Delta	January 17, 1910	Cornell University; Ithaca
24	Massachusetts Alpha	May 14, 1910	Worcester Polytechnic Institute; Worcester
25	Maine Alpha	March 11, 1911	University of Maine; Orono
26	Pennsylvania Beta (Kappa)*	May 4, 1912	Pennsylvania State University; University Park
27	Washington Alpha	June 4, 1912	University of Washington; Seattle
28	Arkansas Alpha	December 14, 1914	University of Arkansas; Fayetteville
29	Kansas Alpha (Lambda)*	December 17, 1914	University of Kansas; Lawrence
30	Ohio Beta	November 26, 1915	University of Cincinnati; Cincinnati

31	Pennsylvania Gamma	February 19, 1916	Carnegie Mellon University; Pittsburgh
32	Texas Alpha	June 10, 1916	University of Texas at Austin
33	Ohio Gamma	February 12, 1921	Ohio State University; Columbus
34	Maryland Alpha	April 9, 1921	Johns Hopkins University; Baltimore
35	Pennsylvania Delta (Gamma)*	April 11, 1921	University of Pennsylvania; Philadelphia
36	Pennsylvania Epsilon	May 7, 1921	Lafayette College; Easton
37	Virginia Alpha	May 28, 1921	University of Virginia; Charlottesville
38	Alabama Alpha	May 30, 1921	Auburn University; Auburn
39	California Beta	June 11, 1921	California Institute of Technology; Pasadena
40	West Virginia Alpha	June 3, 1922	West Virginia University; Morgantown
41	Missouri Gamma	June 5, 1922	Washington University; St. Louis
42	Massachusetts Beta	June 5, 1922	Massachusetts Institute of Technology; Cambridge
43	Washington Beta (Eta)*	March 17, 1923	Washington State University; Pullman
44	Massachusetts Gamma (Inactive 1936)	June 6, 1923	Harvard University; Cambridge
45	Connecticut Alpha	December 15, 1923	Yale University; New Haven
46	Oregon Alpha (Zeta)*	March 29, 1924	Oregon State University; Corvallis
47	Georgia Alpha	February 6, 1925	Georgia Institute of Technology; Atlanta
48	North Carolina Alpha	October 10, 1925	North Carolina State University; Raleigh
49	Oklahoma Alpha (Mu)*	April 3, 1926	University of Oklahoma; Norman
50	Montana Alpha	April 15, 1926	Montana State University; Bozeman
51	Alabama Beta	November 20, 1926	University of Alabama; Tuscaloosa
52	Arizona Alpha	November 24, 1926	University of Arizona; Tucson
53	Massachusetts Delta	December 16, 1927	Tufts University; Medford
54	South Carolina Alpha	November 23, 1928	Clemson University; Clemson
55	North Carolina Beta (Inactive 1938)	November 24, 1928	University of North Carolina at Chapel Hill
56	Indiana Beta	December 8, 1928	Rose-Hulman Institute of Technology; Terre Haute
57	Mississippi Alpha	December 15, 1928	Mississippi State University; State College
58	Tennessee Alpha	November 15, 1929	University of Tennessee; Knoxville
59	Maryland Beta	November 21, 1929	University of Maryland; College Park
60	Pennsylvania Zeta	November 24, 1930	Drexel University; Philadelphia
61	New York Epsilon (Inactive 1974)	December 4, 1931	New York University; Bronx

62	New York Zeta (Inactive 1974)	December 5, 1931	Polytechnic Institute of Brooklyn; Brooklyn
63	Wisconsin Beta	December 3, 1932	Marquette University; Milwaukee
64	Virginia Beta	November 24, 1933	Virginia Polytechnic Institute & State University; Blacksburg
65	Delaware Alpha	November 25, 1933	University of Delaware; Newark
66	Utah Alpha	December 8, 1933	University of Utah; Salt Lake City
67	New Jersey Beta	December 14, 1934	Rutgers University; New Brunswick
68	California Gamma	January 26, 1935	Stanford University; Stanford
69	Louisiana Alpha	November 30, 1936	Louisiana State University; Baton Rouge
70	Louisiana Beta	December 1, 1936	Tulane University of Louisiana; New Orleans
71	Texas Beta	December 11, 1937	Texas Tech University; Lubbock
72	New York Eta	November 30, 1940	City College of New York; New York
73	Texas Gamma (Alpha Zeta)*	December 18, 1940	Rice University; Houston
74	Michigan Delta	January 20, 1941	University of Detroit Mercy; Detroit
75	New Jersey Gamma	November 29, 1941	New Jersey Institute of Technology; Newark
76	New York Theta	December 4, 1941	Clarkson University; Potsdam
77	Illinois Gamma	December 6, 1941	Northwestern University Technological Institute; Evanston
78	Massachusetts Epsilon	December 13, 1941	Northeastern University; Boston
79	Tennessee Beta	December 7, 1946	Vanderbilt University; Nashville
80	California Delta	January 10, 1947	University of Southern California; Los Angeles
81	New York Iota	January 11, 1947	Cooper Union School of Engineering; New York
82	Pennsylvania Eta	December 11, 1947	Bucknell University; Lewisburg
83	New York Kappa	December 13, 1947	University of Rochester; Rochester
84	North Carolina Gamma	January 10, 1948	Duke University; Durham
85	Texas Delta	October 11, 1948	Texas A&M University; College Station
86	Connecticut Beta	January 8, 1949	University of Connecticut; Storrs
87	North Dakota Alpha	January 14, 1950	North Dakota State University; Fargo
88	New Hampshire Alpha	December 9, 1950	University of New Hampshire; Durham
89	Louisiana Gamma	February 17, 1951	Louisiana Tech University; Ruston
90	Michigan Epsilon	March 10, 1951	Wayne State University; Detroit
91	California Epsilon	March 29, 1952	University of California, Los Angeles
92	New York Lambda (Inactive 1993)	April 19, 1952	Pratt Institute; Brooklyn

93	Ohio Delta	February 21, 1953	Ohio University; Athens
94	Ohio Epsilon	February 22, 1953	Cleveland State University; Cleveland
95	Colorado Gamma (Inactive 1975)	January 29, 1954	University of Denver; Denver
96	Rhode Island Alpha	February 12, 1954	Brown University; Providence
97	Rhode Island Beta	February 13, 1954	University of Rhode Island; Kingston
98	Ohio Zeta	February 20, 1954	University of Toledo; Toledo
99	Massachusetts Zeta	January 7, 1956	University of Massachusetts at Amherst
100	District of Columbia Alpha	March 10, 1956	Howard University; Washington, DC
101	California Zeta	April 21, 1956	Santa Clara University; Santa Clara
102	South Carolina Beta	January 11, 1958	University of South Carolina; Columbia
103	Vermont Alpha	December 20, 1958	University of Vermont; Burlington
104	Ohio Eta	February 21, 1959	Air Force Institute of Technology; Wright-Patterson AFB
105	Louisiana Delta	March 5, 1960	University of Louisiana at Lafayette
106	Indiana Gamma	December 10, 1960	University of Notre Dame; Notre Dame
107	Florida Alpha (Upsilon)*	January 14, 1961	University of Florida; Gainesville
108	Pennsylvania Theta	February 11, 1961	Villanova University; Villanova
109	Ohio Theta	March 11, 1961	University of Dayton; Dayton
110	Texas Epsilon	February 10, 1962	University of Houston; Houston
111	District of Columbia Beta	March 31, 1962	Catholic University of America; Washington, DC
112	District of Columbia Gamma (Xi)*	February 16, 1963	George Washington University; Washington, DC
113	Arizona Beta	March 9, 1963	Arizona State University; Tempe
114	Indiana Delta	March 23, 1963	Valparaiso University; Valparaiso
115	Illinois Delta (Alpha Iota)*	January 18, 1964	Bradley University; Peoria
116	Florida Beta	January 25, 1964	University of Miami; Coral Gables
117	California Eta	March 14, 1964	San Jose State University; San Jose
118	Utah Beta	April 4, 1964	Brigham Young University; Provo
119	New York Mu	April 11, 1964	Union College; Schenectady
120	California Theta	January 30, 1965	California State University, Long Beach
121	Vermont Beta	March 13, 1965	Norwich University; Northfield
122	Kansas Beta	March 21, 1965	Wichita State University; Wichita
123	Washington Gamma	February 12, 1966	Seattle University; Seattle

*Name of the Sigma Tau chapter merged with the Tau Beta Pi chapter in 1974.

**Name of the Sigma Tau chapter converted to the TBII chapter on the establishment date shown.

124	California Iota	February 18, 1967	California State University, Los Angeles
125	New York Nu	March 11, 1967	University of Buffalo; Buffalo
126	New York Xi	March 18, 1967	Manhattan College; Bronx
127	Tennessee Gamma	February 3, 1968	Tennessee Technological University; Cookeville
128	California Kappa	February 17, 1968	California State University, Northridge
129	Texas Zeta	March 16, 1968	Lamar University; Beaumont
130	Pennsylvania Iota	March 30, 1968	Widener University; Chester
131	Puerto Rico Alpha	March 8, 1969	University of Puerto Rico; Mayaguez
132	Mississippi Beta	March 15, 1969	University of Mississippi; University
133	Texas Eta	March 22, 1969	University of Texas at Arlington
134	Texas Theta	March 29, 1969	University of Texas at El Paso
135	California Lambda	May 3, 1969	University of California, Davis
136	New York Omicron	April 26, 1970	State University of New York at Stony Brook
137	New York Pi	January 23, 1971	Rochester Institute of Technology; Rochester
138	Oklahoma Beta	February 13, 1971	University of Tulsa; Tulsa
139	Michigan Zeta	May 8, 1971	Kettering University; Flint
140	West Virginia Beta	January 29, 1972	West Virginia University Institute of Technology; Montgomery
141	California Mu	February 13, 1972	California Polytechnic State University, San Luis Obispo
142	California Nu	February 13, 1972	California State Polytechnic University, Pomona
143	New Jersey Delta	April 23, 1972	Princeton University; Princeton
144	California Xi	March 4, 1973	San Diego State University; San Diego
145	Wisconsin Gamma	March 17, 1973	University of Wisconsin-Milwaukee
146	Ohio Iota	March 31, 1973	Ohio Northern University; Ada
147	Nebraska Alpha (Alpha)**	January 26, 1974	University of Nebraska-Lincoln
148	Kansas Gamma (Epsilon)*	January 27, 1974	Kansas State University; Manhattan
149	Florida Gamma	February 16, 1974	University of South Florida; Tampa
150	California Omicron	March 9, 1974	Loyola Marymount University; Los Angeles
151	California Pi (Inactive 1991)	March 10, 1974	Northrop University; Inglewood
152	Pennsylvania Kappa (Nu)**	March 20, 1974	Swarthmore College; Swarthmore
153	Pennsylvania Lambda (Psi)**	March 21, 1974	University of Pittsburgh; Pittsburgh

154	Kentucky Beta (Omicron)**	March 24, 1974	University of Louisville; Louisville
155	Tennessee Delta (Alpha Mu)**	March 30, 1974	Christian Brothers University; Memphis
156	Texas Iota (Alpha Beta)**	April 2, 1974	Southern Methodist University; Dallas
157	Texas Kappa (Alpha Lambda)**	April 3, 1974	Prairie View A&M University; Prairie View
158	Texas Lambda (Alpha Eta)**	April 4, 1974	Texas A&M University-Kingsville
159	New Mexico Alpha (Alpha Gamma)**	April 5, 1974	New Mexico State University; Las Cruces
160	New Mexico Beta (Chi)**	April 6, 1974	University of New Mexico; Albuquerque
161	Oklahoma Gamma (Sigma)**	April 7, 1974	Oklahoma State University; Stillwater
162	Wyoming Alpha (Omega)**	April 19, 1974	University of Wyoming; Laramie
163	Colorado Delta (Alpha Alpha)**	April 20, 1974	Colorado State University; Fort Collins
164	South Dakota Alpha (Tau)**	April 22, 1974	South Dakota School of Mines & Technology; Rapid City
165	South Dakota Beta (Delta)**	April 23, 1974	South Dakota State University; Brookings
166	North Dakota Beta (Pi)**	April 24, 1974	University of North Dakota; Grand Forks
167	Idaho Alpha (Rho)**	May 2, 1974	University of Idaho; Moscow
168	California Rho (Alpha Kappa)**	May 9, 1974	California State University, Fresno
169	Nevada Alpha (Alpha Epsilon)**	May 10, 1974	University of Nevada, Reno
170	Utah Gamma (Alpha Delta)**	May 11, 1974	Utah State University; Logan
171	Ohio Kappa (Phi)**	May 21, 1974	University of Akron; Akron
172	Ohio Lambda (Alpha Theta)**	May 22, 1974	Youngstown State University; Youngstown
173	New York Rho	May 26, 1974	Polytechnic Institute of New York University; Brooklyn
174	Indiana Epsilon	February 22, 1975	Trine University; Angola
175	Alaska Alpha	April 5, 1975	University of Alaska Fairbanks
176	Massachusetts Eta	April 19, 1975	Boston University; Boston

*Name of the Sigma Tau chapter merged with the Tau Beta Pi chapter in 1974.

**Name of the Sigma Tau chapter converted to the TBP chapter on the establishment date shown.

177	Illinois Epsilon	April 3, 1976	Southern Illinois University at Carbondale
178	Alabama Gamma	March 27, 1977	University of Alabama at Birmingham
179	Tennessee Epsilon	April 2, 1977	University of Memphis; Memphis
180	Florida Delta	December 3, 1977	University of Central Florida; Orlando
181	Michigan Eta	February 11, 1978	Lawrence Technological University; Southfield
182	Michigan Theta	February 17, 1979	Oakland University; Rochester
183	Virginia Gamma	March 17, 1979	Old Dominion University; Norfolk
184	North Carolina Delta	March 23, 1979	University of North Carolina at Charlotte
185	Alabama Delta	January 26, 1980	University of Alabama in Huntsville
186	California Sigma	January 24, 1981	University of California, Santa Barbara
187	Arizona Gamma	March 7, 1981	Northern Arizona University; Flagstaff
188	South Carolina Gamma	March 28, 1981	The Citadel; Charleston
189	Michigan Iota	January 16, 1982	University of Michigan–Dearborn
190	California Tau	April 3, 1982	University of California, Irvine
191	Maryland Gamma	January 13, 1984	United States Naval Academy; Annapolis
192	Illinois Zeta	January 28, 1984	University of Illinois at Chicago
193	California Upsilon	February 18, 1984	California State University, Sacramento
194	Montana Beta	March 24, 1984	Montana Tech of the University of Montana; Butte
195	Florida Epsilon	February 9, 1985	Florida Atlantic University; Boca Raton
196	New Mexico Gamma	March 2, 1985	New Mexico Institute of Mining and Technology; Socorro
197	Massachusetts Theta	March 9, 1985	University of Massachusetts Lowell
198	Colorado Epsilon	November 23, 1985	University of Colorado at Denver
199	North Carolina Epsilon	February 18, 1986	North Carolina Agricultural & Technical State Univ.; Greensboro
200	Florida Zeta	March 1, 1986	Florida Institute of Technology; Melbourne
201	California Phi	March 5, 1988	University of the Pacific; Stockton
202	Michigan Kappa	March 18, 1989	Western Michigan University; Kalamazoo
203	Tennessee Zeta	January 6, 1990	University of Tennessee at Chattanooga
204	Alabama Epsilon	February 3, 1990	University of South Alabama; Mobile
205	Wisconsin Delta	March 10, 1990	Milwaukee School of Engineering; Milwaukee
206	Ohio Mu	May 5, 1990	Wright State University; Dayton
207	New York Sigma	February 2, 1991	Alfred University; Alfred
208	Virginia Delta	February 9, 1991	Virginia Military Institute; Lexington
209	Connecticut Gamma	March 9, 1991	University of Hartford; West Hartford

210	New York Tau	March 16, 1991	Binghamton University; Binghamton
211	Wisconsin Epsilon	February 1, 1992	University of Wisconsin-Platteville
212	Florida Eta	February 29, 1992	Florida A&M University/Florida State University; Tallahassee
213	Massachusetts Iota	March 21, 1992	Western New England University; Springfield
214	California Chi	March 28, 1992	California State University, Fullerton
215	Oregon Beta	February 13, 1993	Portland State University
216	Louisiana Epsilon	March 13, 1993	University of New Orleans
217	Maryland Delta	December 11, 1993	University of Maryland Baltimore County; Baltimore
218	California Psi	February 5, 1994	University of California, San Diego
219	Florida Theta	March 12, 1994	Florida International University; Miami
220	Nevada Beta	February 4, 1995	University of Nevada, Las Vegas
221	Georgia Beta	February 11, 1995	Mercer University; Macon
222	Washington Delta	February 25, 1995	Gonzaga University; Spokane
223	Minnesota Beta	February 3, 1996	University of Minnesota, Duluth
224	California Omega	February 10, 1996	Harvey Mudd College; Claremont
225	California Alpha Alpha	March 2, 1996	California State University, Chico
226	Colorado Zeta	March 8, 1997	United States Air Force Academy; Colorado Springs
227	Maryland Epsilon	March 7, 1998	Morgan State University; Baltimore
228	Ohio Nu	March 3, 2001	Cedarville University; Cedarville
229	Missouri Delta	January 26, 2002	University of Missouri-Kansas City
230	Oregon Gamma	February 9, 2002	University of Portland; Portland
231	New Hampshire Beta	February 23, 2002	Dartmouth College; Hanover
232	Texas Mu	March 3, 2002	University of Texas at San Antonio
233	Virginia Epsilon	March 1, 2003	Virginia Commonwealth University; Richmond
234	Idaho Beta	January 17, 2004	Idaho State University; Pocatello
235	Michigan Lambda	March 27, 2004	Grand Valley State University; Grand Rapids
236	California Alpha Beta	February 12, 2005	University of California, Riverside
237	New Jersey Epsilon	January 28, 2006	Rowan University; Glassboro
238	New York Upsilon	February 10, 2007	United States Military Academy; West Point
239	California Alpha Gamma	March 10, 2007	San Francisco State University
240	Ohio Xi	February 23, 2008	Miami University; Oxford
241	California Alpha Delta	March 8, 2008	University of California, Santa Cruz
242	Kentucky Gamma	February 27, 2010	Western Kentucky University; Bowling Green

243	Idaho Gamma	March 13, 2010	Boise State University; Boise
244	Florida Iota	March 12, 2011	Embry-Riddle Aeronautical University; Daytona Beach
245	California Alpha Epsilon	February 25, 2012	University of San Diego; San Diego
246	Pennsylvania Mu	January 26, 2013	Penn State Erie, The Behrend College; Erie
247	New Jersey Zeta	March 2, 2013	The College of New Jersey; Ewing
248	Missouri Epsilon	March 23, 2013	St. Louis University; St. Louis

Inactive Collegiate Chapters

New York Gamma became inactive in 1916 when a changed institute policy refused access to students' grades and thus made identification of the high-standing juniors and seniors impossible. Another change in policy permitted reinstatement of the chapter in 1936.

The Massachusetts Gamma Chapter charter was withdrawn in 1936 when undergraduate engineering instruction at Harvard University was ended.

North Carolina Beta's charter was withdrawn in 1938 when all undergraduate engineering curricula were transferred from the University of North Carolina to North Carolina State University where a chapter was already in existence.

The New York Epsilon and New York Zeta Chapters were merged into the New York Rho Chapter on May 26, 1974, after their original harboring institutions, the school of engineering and science of New York University and the Polytechnic Institute of Brooklyn, were merged into the Polytechnic Institute of New York.

The Colorado Gamma Chapter surrendered its charter on May 30, 1975, when the University of Denver ceased engineering education.

The California Pi Chapter returned its charter on December 31, 1991, when Northrop University closed its doors.

New York Lambda's charter was withdrawn in 1993 when Pratt Institute ended engineering education.

Collegiate Chapter Organization

Collegiate chapters are administered by a corps of officers including a president, vice president, recording secretary, corresponding secretary, treasurer, and cataloger, all of whom must be active members of the chapter, although not necessarily undergraduates. An Advisory Board consisting of the president, vice president, and corresponding secretary of the chapter and four alumnus members of the Association (usually faculty) selected by the student members acts in a judiciary capacity at the local level. The president is usually a chapter's delegate to the Convention, the Association's governing body which meets annually. Collegiate chapters draw up their bylaws which set out, in further detail than is covered by the Constitution and Bylaws, operating procedures followed by the local group.

Requirements for New Chapters

Charters for new collegiate chapters are granted only by a three-fourths favorable vote of the Convention. Recommended minimal qualifications of petitioning groups and their institutions, as set forth in Tau Beta Pi's Bylaws, are as follows:

- That the institution grant 40 or more engineering bachelor's degrees a year.
- That three engineering curricula be accredited by the Engineering Accreditation Commission of ABET, unless the institution offers a "unified" curriculum or unless all curricula are accredited.
- That the petitioning group have been organized and operating as a local society along Tau Beta Pi guidelines for two years.
- That at least three members of the faculty be members of Tau Beta Pi.
- That a majority of the engineering faculty be members of their respective national technical societies.

Alumni Chapter Organization

Alumni chapters are composed of alumni who join together to advance the causes of the engineering profession, to be of service to local members and to the membership of neighboring collegiate chapters, and to advance the principles and ideals of Tau Beta Pi. The chapters are self-governing up to the point of conflict with the Constitution and Bylaws of the Association. They are known by the name of the city or area in which they are located. Each chapter is entitled to be represented by one or more delegates at the annual Convention, and, if represented, is entitled to one vote.

New chapters may be chartered by the Executive Council when an application is made by at least ten members of the Association. A total of 66 charters has been granted. More information may be found at www.tbp.org/alumni.

Chartered Alumni Chapters

Ames, Iowa	Mid-South (Memphis, TN)
Ann Arbor, Michigan	Milwaukee, Wisconsin
Atlanta, Georgia	Minnesota (Minneapolis)
Baltimore, Maryland	Newark, New Jersey
Bluegrass (Lexington-Frankfort, KY)	New York, New York
Boston, Massachusetts	New York Capital District, Schenectady
Buffalo, New York	Ohio's North Coast, Cleveland
Central Alabama (Birmingham)	Palm Beach/Broward County, Florida
Central Connecticut (Hartford)	Phoenix, Arizona
Central Florida (Orlando)	Piedmont (Clemson, SC)
Central Illinois (Urbana-Champaign)	Philadelphia, Pennsylvania
Central Jersey (Hillsborough)	Portland, Oregon
Central Michigan (Lansing)	Puerto Rico
Chicago, Illinois	Puget Sound, Washington
Cincinnati, Ohio	Research Triangle (Raleigh-Durham-Chapel Hill, NC)
Colorado Springs, Colorado	Richmond, Virginia
Columbia River Basin (Richland, WA)	Rochester, New York
Columbus, Ohio	Rolla, Missouri
Dayton, Ohio	Sacramento, California
Daytona Beach, Florida	St. Louis, Missouri
El Paso, Texas	Salt Lake City, Utah
Flint, Michigan	San Francisco Bay Area, California
Front Range, Colorado/Wyoming (Denver)	San Francisco Peninsula, California
Gainesville, Florida	Southeastern Michigan (Detroit)
Great Smoky Mountains (Knoxville-Oak Ridge, TN)	Southern California
Greater Gulf Coast (Mobile, AL)	Southern Tier, New York
Hampton Roads, Virginia	Sun City, Arizona
Kanawha Valley (Charleston, WV)	Tampa Bay, Florida
Lehigh Valley (Bethlehem, PA)	Texas Gulf Coast (Houston, TX)
Long Island (N.Y.) Suburban	Treasure Valley (Boise, ID)
Louisville, Kentucky	Washington, D.C.
Miami, Florida	West Michigan (Grand Rapids)
Midlands (Columbia, SC)	Wilmington, Delaware

Districts

Schemes for organizing Tau Beta Pi's chapters by districts had been suggested for many years before a specific plan was presented to the 1975 Convention. Approved for a three-year trial and, following its success on an experimental basis, the plan was formally adopted by the 1978 Convention. The need for districting was evident as the number of chapters increased and it became impossible for a few Association Officials to pay regular chapter visits. District Directors, located close to their relatively small number of chapters, now supply the frequent personal relationship that is a necessary ingredient for the health of the chapters and a great organization.

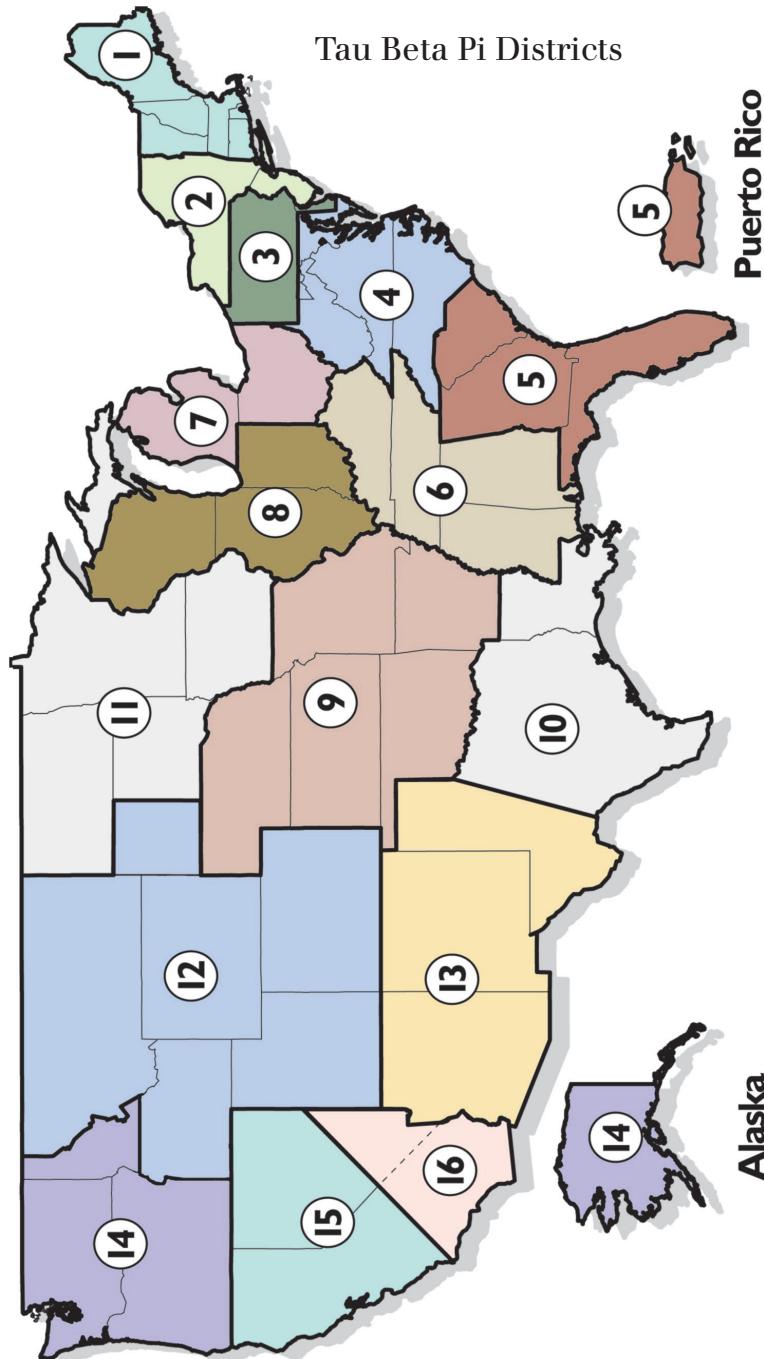
Under the plan the Executive Council created 15 geographical districts and assigned each collegiate and alumni chapter to the appropriate one. District 16 was added in 1999. Activities under the leadership of the District Directors have included visits to chapters, District conferences for chapter representatives, publication of District newsletters, and meetings of District delegates at the Convention. The focus of District programming is to strengthen the collegiate chapters and to enlist the interest and aid of alumni in their work. Training student officers in chapter management and overcoming the effects of discontinuity in chapter membership are examples of specific programming.

With adoption of the District Program, the former offices of Director of Alumni Affairs and Director of Chapter Development were eliminated, and their duties were transferred to the District Directors or the Headquarters staff.



District 4 Conference, Greensboro, North Carolina, April 6, 2013

Tau Beta Pi Districts



Membership

There is now only one “class” of members in Tau Beta Pi, the former classifications of Member with Distinction, Honorary Member, and Associate Member having been discontinued. Election to membership in the Society is accomplished only by vote of a collegiate chapter, and members’ chapter designations are always those of the chapters which elected them. Members’ class numerals are those of the years in which they received the engineering degrees on which their eligibility was based, although members with no college degree are designated by the year in which they were initiated.

Candidates eligible for consideration for election to membership by a collegiate chapter fall into five general categories:

1. Undergraduate students.
2. Graduate students.
3. Alumni of the chapter’s institution who were eligible as students.
4. Alumni of other institutions who were eligible as students.
5. Engineers of high attainment in the profession, regardless of college attended, scholastic record, or educational background.

Undergraduate Eligibility Requirements

Undergraduate students whose scholarship places them in the top eighth of their engineering class in their next-to-last year or in the top fifth of their engineering class in their last college year are eligible for membership consideration. These scholastically eligible students are further considered on the basis of personal integrity, breadth of interest both inside and outside engineering, adaptability, and unselfish activity.

Prior to the fall of 1941, Tau Beta Pi’s scholastic requirements were that eligible candidates stand in the top eighth of the *junior* class or in the top quarter of the *senior* class. The classes graduating in 1942 were thus the first to be considered under the higher requirements.

Some chapters set a scholastic grade deadline below which candidates are not considered, such deadline being higher than that required as a minimum by the Constitution.

Elections and initiations are normally held twice a year, in the fall and winter or spring terms of the chapter’s institution.

Student electees who are financially unable to meet the initiation fee obligation may make delayed payment arrangements with their chapters, may borrow from the Association’s loan fund, or may accept election but postpone initiation for up to five years.

Until 1969 membership in Tau Beta Pi was limited to men, although qualified women were offered an award called the Women’s Badge. From its authorization in 1936 until its elimination by the admission of women to membership, 619 Women’s Badges were awarded by 98 chapters. Membership was offered to these women by their chapters.



Graduate Eligibility Requirements

Engineering graduate students whose scholarship places them in the top fifth of their graduate class or whose high-quality work is attested to by a faculty member may be elected to membership.

Engineering alumni of a chapter's institution or of another recognized institution whose scholastic record placed them in the top fifth of their class may be elected to membership. Such candidates are usually recommended to the chapter by a member who knows them.

In all cases the requisite scholastic attainment makes candidates eligible for membership consideration. They are further considered on the basis of the Association's exemplary character requirement.

Eminent Engineer Eligibility Requirements

Persons who have achieved eminence in engineering may be elected to membership without regard to collegiate records. If they graduated from a recognized engineering college, they must have been engaged in engineering for at least 10 years; if not, they must have practiced engineering for at least 15 years. Such candidates are usually recommended by members who know them. The required degree of eminent achievement is left to the chapters' discretion; and candidates are further considered on the basis of exemplary character.

Membership Data

Tau Beta Pi membership catalogs were published in 1898, 1911, 1916, 1926, 1932, and 1939. The 1946 Convention authorized discontinuance of publication because of the excessive cost in future years and limited use. In their place, the Headquarters staff will furnish membership information for authorized use. The original catalog cards of all initiates are arranged by chapter and stored at Headquarters. Starting fall 2012, all existing paper catalog cards were scanned and are stored electronically, and a new system has been implemented to receive new catalog cards electronically.

Table of Members Initiated

Through July 31, 2013

AL A	5,992	GAB	344	MO E	47	OR B	448
AL B	3,429	ID A	1,352	MT A	2,580	OR G	266
AL Γ	1,154	ID B	115	MT B	914	PA A	5,020
AL Δ	1,366	ID Γ	118	NE A	2,074	PA B	8,055
AL E	766	IL A	9,677	NV A	1,107	PA Γ	3,153
AK A	507	IL B	3,899	NV B	626	PA Δ	2,543
AZ A	3,429	IL Γ	2,881	NH A	1,651	PA E	1,901
AZ B	2,760	IL Δ	1,134	NH B	233	PA Z	3,394
AZ Γ	649	IL E	1,162	NJ A	2,977	PA H	1,600
AR A	2,799	IL Z	1,664	NJ B	4,067	PA Θ	2,045
CA A	7,459	IN A	11,846	NJ Γ	4,323	PA I	740
CA B	2,430	IN B	2,105	NJ Δ	1,676	PA K	327
CA Γ	3,808	IN Γ	2,438	NJ E	234	PA Λ	2,054
CA Δ	3,271	IN Δ	886	NJ Z	64	PA M	53
CA E	3,571	IN E	893	NM A	1,624	PR A	3,430
CA Z	1,267	IA A	7,316	NM B	1,530	RI A	1,171
CA H	2,026	IA B	2,285	NM Γ	594	RI B	2,012
CA Θ	2,232	KS A	4,121	NY A	3,693	SC A	3,999
CA I	1,568	KS B	1,179	NY B	2,771	SC B	1,878
CA K	1,084	KS Γ	2,489	NY Γ	7,215	SC Γ	972
CA Λ	2,967	KY A	3,577	NY Δ	6,283	SD A	1,907
CA Μ	2,249	KY B	1,600	NY E	1,850	SD B	1,067
CA Ν	3,076	KY Γ	70	NY Z	1,579	TN A	5,172
CA Ζ	1,624	LA A	3,631	NY H	3,439	TN B	2,667
CA Ο	622	LA B	1,612	NY Θ	3,414	TN Γ	2,173
CA Π	285	LA Γ	2,175	NY I	1,791	TN A	604
CA Ρ	1,235	LA Δ	1,381	NY K	1,401	TN E	931
CA Σ	1,319	LA E	408	NY Α	1,162	TN Z	551
CA Τ	1,267	ME A	2,789	NY Μ	959	TX A	7,918
CA Υ	1,830	MD A	2,504	NY N	3,308	TX B	3,955
CA Φ	450	MD B	3,986	NY Ζ	2,080	TX Γ	1,905
CA Χ	366	MD Γ	1,635	NY O	1,256	TX Δ	7,852
CA Ψ	1,228	MD Δ	465	NY Π	1,414	TX E	2,269
CA Ω	287	MD E	355	NY P	1,407	TX Z	1,285
CA AA	579	MA A	4,572	NY Σ	417	TX H	2,934
CA AB	289	MA B	7,729	NY T	710	TX Θ	1,404
CA AG	225	MA Γ	174	NY Y	204	TX I	816
CA AAΔ	144	MA Δ	2,593	NC A	5,857	TX K	909
CA AE	60	MA E	4,060	NC B	161	TX Λ	1,037
CO A	3,728	MA Z	2,824	NC Γ	2,122	TX M	284
CO B	4,679	MA H	1,557	NC Δ	1,142	UT A	2,834
CO Γ	309	MA Θ	1,246	NC E	897	UT B	2,445
CO Δ	1,382	MA I	370	ND A	2,291	UT Γ	1,050
CO E	681	MI A	4,597	ND B	975	VT A	1,304
CO Z	860	MI B	4,194	OH A	3,773	VT B	545
CT A	1,950	MI Γ	9,792	OH B	3,840	VA A	3,386
CT B	2,549	MI Δ	1,822	OH Γ	6,407	VA B	5,231
CT Γ	404	MI E	2,128	OH Δ	1,833	VA Γ	963
DE A	2,270	MI Z	3,166	OH E	1,838	VA Δ	603
DC A	1,298	MI H	1,655	OH Z	2,042	VA E	196
DC B	1,028	MI Θ	890	OH Η	2,119	WA A	5,203
DC Γ	1,066	MI I	795	OH Θ	1,560	WA B	3,399
FL A	5,001	MI K	857	OH I	818	WA Γ	730
FL B	1,948	MI A	159	OH K	1,469	WA Δ	368
FL Γ	2,377	MN A	5,402	OH Α	976	WV A	3,352
FL Δ	1,987	MN B	426	OH Μ	843	WV B	1,037
FL E	947	MS A	3,752	OH N	184	WI A	5,839
FL Z	943	MS B	1,004	OH Ζ	123	WI B	2,952
FL H	1,026	MO A	4,332	OK A	4,073	WI Γ	1,239
FL Θ	995	MO B	7,132	OK B	1,243	WI Δ	615
FL I	67	MO Γ	2,669	OK Γ	1,873	WI E	781
GA A	8,468	MO Δ	151	OR A	3,016	WV A	2,109
						TOTAL	544,803

Note: Of the total number initiated, approximately 58,000 are deceased.

Government

The general government of The Tau Beta Pi Association is vested in the Convention and the Executive Council in accordance with the provisions of the Constitution and Bylaws. The Convention and the Council have control of all matters and affairs pertaining to the Society as a whole, but may not interfere with the internal affairs of any chapter, except in matters of discipline.

The Convention

The Convention, which meets annually, is the legislative body of the Association and the final court of appeals in all matters of interpretation of the Constitution and Bylaws and discipline. It comprises one voting delegate of each of the collegiate and alumni chapters, the members of the Executive Council, the Secretary-Treasurer, Assistant Secretary-Treasurer, Directors of Rituals, Fellowships, and Engineering Futures, and 16 District Directors.

The Convention elects the Executive Council and grants new chapters. It may enact the general Bylaws of the Association and may amend the Constitution, subject to ratification by the collegiate chapters. The Convention is primarily financed by assessment on the new initiates of each chapter in the previous year. A Convention Fund, established in 1978 and invested by our trustee, earns an annual return which aids in meeting the costs of attendance by the collegiate chapter delegates.

Convention Sites and Dates

First-----	Cleveland, Ohio	May 28, 1895
Second-----	Buffalo, New York	May 23, 1896
Third-----	Cleveland, Ohio	May 22, 1897
Fourth-----	Cleveland, Ohio	May 21, 1898
Fifth-----	Cleveland, Ohio	December 2, 1899
Sixth-----	Cleveland, Ohio	November 30, 1901
Seventh-----	Cleveland, Ohio	November 28, 1903
Eighth-----	Cleveland, Ohio	November 25-26, 1904
Ninth-----	Urbana, Illinois	December 1-2, 1905
Tenth-----	Urbana, Illinois	November 30, December 1, 1906
Eleventh-----	West Lafayette, Indiana	November 29-30, 1907
Twelfth-----	Syracuse, New York	November 27-28, 1908
Thirteenth-----	Bethlehem, Pennsylvania	June 9-11, 1910
Quarter-centennial celebration of the founding of the Association		
Fourteenth-----	Madison, Wisconsin	June 13-15, 1912
Fifteenth-----	Ithaca, New York	June 11-13, 1914
Sixteenth-----	Berkeley, California	September 2-4, 1915
Seventeenth-----	Chicago, Illinois	September 7-9, 1916
Eighteenth-----	Ames, Iowa	September 6-8, 1917
Nineteenth-----	Cincinnati, Ohio	September 16-18, 1920
Twenty-----	Pittsburgh, Pennsylvania	September 8-10, 1921
Twenty-first-----	Ann Arbor, Michigan	October 12-14, 1922
Twenty-second-----	Lexington, Kentucky	October 18-20, 1923
Twenty-third-----	Ames, Iowa	October 16-18, 1924
Twenty-fourth-----	West Lafayette, Indiana	October 15-17, 1925
Twenty-fifth-----	Columbia, Missouri	September 30, October 1-2, 1926
Twenty-sixth-----	Columbus, Ohio	October 13-15, 1927

Twenty-seventh-----	St. Louis, Missouri-----	November 1-3, 1928
Twenty-eighth-----	Iowa City, Iowa-----	October 10-12, 1929
Twenty-ninth -----	Bethlehem, Pennsylvania -----	October 9-11, 1930
Thirtieth -----	Cleveland, Ohio -----	October 8-10, 1931
Thirty-first -----	Washington, D.C. -----	October 13-15, 1932
Thirty-second-----	Chicago, Illinois-----	October 12-14, 1933
Thirty-third -----	New York, New York -----	October 11-13, 1934
Thirty-fourth-----	Detroit-East Lansing, Michigan-----	October 10-12, 1935
Semi-centennial celebration of the founding of the Association		
Thirty-fifth -----	Syracuse-Ithaca, New York-----	October 8-10, 1936
Thirty-sixth -----	Austin, Texas-----	October 14-16, 1937
Thirty-seventh-----	Cincinnati, Ohio-----	October 6-8, 1938
Thirty-eighth-----	Columbia, Missouri-----	October 12-14, 1939
Thirty-ninth -----	Lexington, Kentucky-----	October 3-5, 1940
Fortieth -----	Philadelphia, Pennsylvania-----	October 2-4, 1941
Forty-first -----	Columbus, Ohio-----	October 3-5, 1946
Forty-second-----	New York, New York-----	October 9-11, 1947
Forty-third -----	Austin, Texas-----	October 14-16, 1948
Forty-fourth-----	West Lafayette, Indiana-----	October 13-15, 1949
Forty-fifth -----	Boston, Massachusetts-----	October 19-21, 1950
Forty-sixth -----	Boulder-Denver, Colorado-----	October 11-13, 1951
Forty-seventh-----	Norman, Oklahoma-----	October 2-4, 1952
Forty-eighth-----	Clemson, South Carolina-----	October 8-10, 1953
Forty-ninth-----	Ames, Iowa-----	October 21-23, 1954
Fiftieth -----	East Lansing, Michigan-----	October 3-5, 1955
Fifty-first -----	Lawrence, Kansas-----	October 11-13, 1956
Fifty-second-----	Madison-Milwaukee, Wisconsin-----	October 10-12, 1957
Fifty-third -----	Boston, Massachusetts-----	October 9-11, 1958
Fifty-fourth-----	West Lafayette, Indiana-----	October 15-17, 1959
Fifty-fifth -----	Bethlehem, Pennsylvania-----	October 13-15, 1960
Three-quarter centennial celebration of the founding of the Association		
Fifty-sixth-----	Cincinnati, Ohio-----	October 12-14, 1961
Fifty-seventh-----	Long Beach, California-----	October 17-20, 1962
Fifty-eighth-----	Rolla, Missouri-----	October 16-19, 1963
Fifty-ninth -----	Chicago-Evanston, Illinois-----	October 21-24, 1964
Sixtieth-----	College Park, Maryland-----	October 13-16, 1965
Sixty-first-----	Austin, Texas-----	October 19-22, 1966
Sixty-second-----	Ann Arbor-Detroit, Michigan-----	October 11-14, 1967
Sixty-third-----	Columbia, Missouri-----	October 17-19, 1968
Sixty-fourth-----	Houston, Texas-----	October 9-11, 1969
Sixty-fifth-----	Columbus, Ohio-----	October 8-10, 1970
Sixty-sixth-----	Knoxville, Tennessee-----	October 14-16, 1971
Sixty-seventh-----	College Park, Maryland-----	October 19-21, 1972
Sixty-eighth-----	Gainesville, Florida-----	October 25-27, 1973
Sixty-ninth -----	Flint, Michigan-----	September 26-28, 1974
Seventieth-----	Cincinnati, Ohio-----	October 16-18, 1975
Seventy-first-----	College Station, Texas-----	October 28-30, 1976
Seventy-second-----	West Lafayette, Indiana-----	October 6-8, 1977
Seventy-third-----	Syracuse, New York-----	October 19-21, 1978
Seventy-fourth-----	Lincoln, Nebraska-----	October 18-20, 1979
Seventy-fifth-----	Tulsa, Oklahoma-----	October 2-4, 1980
Seventy-sixth-----	Long Beach, California-----	October 22-24, 1981
Seventy-seventh-----	Moscow, Idaho-Pullman, Washington-----	October 14-16, 1982
Seventy-eighth-----	Urbana-Champaign, Illinois-----	October 6-8, 1983
Seventy-ninth-----	Tempe, Arizona-----	October 11-13, 1984
Eightieth-----	Allentown-Bethlehem, Pennsylvania-----	October 3-5, 1985
Centennial celebration of the founding of the Association		



Eighty-first -----	College Park, Maryland -----	October 30-31, November 1, 1986
Eighty-second -----	Louisville, Kentucky -----	October 22-24, 1987
Eighty-third -----	Ames, Iowa -----	October 13-15, 1988
Eighty-fourth-----	Columbia, South Carolina-----	October 19-21, 1989
Eighty-fifth-----	Albuquerque, New Mexico-----	October 18-20, 1990
Eighty-sixth-----	College Station, Texas-----	October 17-19, 1991
Eighty-seventh-----	East Lansing, Michigan-----	October 8-10, 1992
Eighty-eighth-----	West Lafayette, Indiana-----	October 28-30, 1993
Eighty-ninth -----	Buffalo, New York -----	October 6-8, 1994
Ninetieth-----	Cleveland, Ohio-----	October 12-14, 1995
Ninety-first-----	Rapid City, South Dakota-----	October 24-26, 1996
Ninety-second-----	Minneapolis, Minnesota-----	October 2-4, 1997
Ninety-third-----	Manhattan, Kansas-----	October 8-10, 1998
Ninety-fourth-----	Madison, Wisconsin-----	October 7-9, 1999
Ninety-fifth-----	Millbrae, California-----	October 5-7, 2000
Ninety-sixth-----	Columbus, Ohio-----	October 18-20, 2001
Ninety-seventh-----	Detroit, Michigan-----	October 3-5, 2002
Ninety-eighth-----	Lubbock, Texas-----	October 23-25, 2003
Ninety-ninth -----	Orlando, Florida -----	October 7-9, 2004
One-hundredth -----	Salt Lake City, Utah -----	October 6-8, 2005
One-hundred-first -----	Denver-Boulder, Colorado -----	October 5-7, 2006
One-hundred-second ---	Dearborn, Michigan -----	October 11-13, 2007
One-hundred-third ----	Sacramento, California -----	October 23-25, 2008
One-hundred-fourth----	East Brunswick, New Jersey -----	October 15-17, 2009
One-hundred-fifth -----	King of Prussia, Pennsylvania -----	October 7-9, 2010
125th anniversary celebration of the founding of the Association		
One-hundred-sixth ----	Indianapolis, Indiana -----	October 27-29, 2011
One-hundred-seventh--	Lexington, Kentucky-----	September 27-29, 2012
One-hundred-eighth----	Ames, Iowa -----	October 31-November 2, 2013



Association Officials

The Executive Council is a group of alumni elected by the Convention to lead the Association, under the provisions of the Constitution and Bylaws and the acts of the Convention. The Council guides the programs of the Association through a full-time Executive Director, whose offices at the University of Tennessee are the international Headquarters of the Association, and other officials whom it appoints. All actions taken by the Council or the officers are reported back to the Convention.

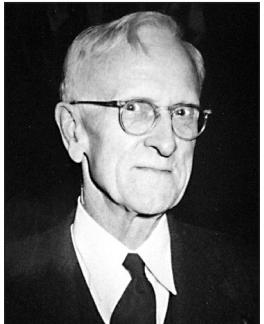
The first Council was elected by the first Convention in Cleveland on May 28, 1895, at which Pennsylvania Alpha, Michigan Alpha, and Indiana Alpha were represented. Through 1923, Councils were elected annually from the alumni.

In 1923, the Convention adopted the plan of having the members of the Council elected from the same locality to serve for three years. The first *package* Council was located at the University of Michigan and served the 1924-27 and 1927-30 terms. The amendments adopted by the 1923 Convention also stipulated that the Secretary-Treasurer no longer was to be a member of the Executive Council but that the Council was to appoint an alumnus member to fill the office. R.C. Matthews, Secretary from 1905 to 1912 and Secretary-Treasurer of the Council during 1912-1924, was appointed and continued in the position until his retirement in 1947.

World War II prevented the holding of Conventions in 1942, 1943, 1944, and 1945, and the Washington, DC, Council continued in office until 1947. Incorporation of the Association in 1947 required enlargement of the Council to five members. The 1949 Convention increased the Council's term to four years. The 1997 Convention eliminated the *package* plan and allowed members of a Council to reside anywhere.

By action of the 1946 Convention, R.C. Matthews was retired as Secretary-Treasurer Emeritus and given a lifetime pension. He lived to the age of 99. Robert H. Nagel became Editor in 1942 and Secretary-Treasurer in August 1947 and served to October 1982 when he was named Secretary-Treasurer Emeritus; he died in 1997 at the age of 79. James D. Froula became Secretary-Treasurer in October 1982 and Editor in 1983 and was named Executive Director in 1999 and served to October 2011 when he was named Secretary-Treasurer Emeritus. Curtis D. Gomulinski was installed as Secretary-Treasurer, Editor, and Executive Director in October 2011.

The full-time position of Assistant Secretary-Treasurer was created by the Executive Council in 1963. The first to hold the position was F.F. Lyle Jr. who served to 1969. R.E. Warmack served from 1970-72, J.P. Kesselring from 1972-74, D.J. Soukup from 1976-84, and K.L. Martin from 1984-86. R.E. Hawks was appointed to the post in May 1986.



R.C. MATTHEWS
Illinois Alpha 1902
Secretary of the Association 1905-1912
Secretary-Treasurer 1912-1947
Secretary-Treasurer Emeritus 1947-1978



ROBERT H. NAGEL
New York Delta 1939
Editor of The Bent 1942-1983
Secretary-Treasurer 1947-1982
Secretary-Treasurer Emeritus 1982-1997



JAMES D. FROULA
Tennessee Alpha 1967
Editor of The Bent 1983-2011
Secretary-Treasurer 1982-2011
Executive Director 1999-2011
Secretary-Treasurer Emeritus 2011-



CURTIS D. GOMULINSKI
Michigan Epsilon 2001
Editor of The Bent 2011-
Secretary-Treasurer 2011-
Executive Director 2011-

Photo by Chris Wooten



Headquarters Staff

Seated: Sherry King, Sherry Jennings-King, Pat McDaniel,
Angie Boles, Rebecca Davis, Debbie Dewine.

Standing: Ray Thompson, Dylan Lane, Curt Gomulinski,
David Roberts, Mike Brown, Roger Hawks.

Executive Council Members by Term of Office

1895-96

President—H.B. Evans
Secretary—E.J. Fermier
Treasurer—C.C. Pashby

1896-97

President—E.J. Fermier
Secretary—R.C. H. Heck
Treasurer—C.C. Pashby

1897-98

President—E.J. Fermier
Secretary—R.C. H. Heck
Treasurer—B.C. Clark

1898-99

President—E.J. Fermier
Secretary—R.C. H. Heck
Treasurer—W.C. Maul

1899-1901

President—E.J. Fermier
Secretary—A.H. Neureuther
Treasurer—M. Van G. Smith

1901-03

President—M. Van G. Smith
Secretary—B.C. Waldenmaier
Treasurer—O.A. Leutwiler

1903-04

President—M. Van G. Smith
Secretary—B.C. Waldenmaier
Treasurer—H.T. Plumb

1904-05

President—L.P. Breckenridge
Secretary—G.A. Goodenough
Treasurer—E.J. Fermier

1905-06

President—G. A. Goodenough
Vice Pres.—J.F. Shipp
Treasurer—R.C.H. Heck
Secretary—R.C. Matthews

1906-07

President—R.C.H. Heck
Vice Pres.—L.E. Moore
Treasurer—J.F. Shipp
Secretary—R.C. Matthews

1907-08	1922-23
President—R.C.H. Heck Vice Pres.—W.G. Haldane Treasurer—L.E. Moore Secretary—R.C. Matthews	President—D.S. Kimball Vice Pres.—L.A. Ashley Councillor—O.P. Hood Secy.-Treas.—R.C. Matthews
1908-10	1923-24
President—L.E. Moore Vice Pres.—H.H. Higbie Treasurer—W.G. Haldane Secretary—R.C. Matthews	President—L.A. Ashley Vice Pres.—A.D. Moore Councillor—D.S. Kimball Secy.-Treas.—R.C. Matthews
1910-12	1924-27; 1927-30
President—L.E. Moore Vice Pres.—W.G. Haldane Treasurer—H.H. Higbie Secretary—R.C. Matthews	President—A.D. Moore Vice Pres.—H.H. Higbie Councillor—C.T. Johnston (Located at Univ. of Mich.)
1912-15	1930-33; 1933-36
President—H.H. Higbie Vice Pres.—E.F. Gillette Councillor—L.E. Moore Secy.-Treas—R.C. Matthews	President—P.W. Ott Vice Pres.—F.W. Marquis Councillor—W.T. Magruder (d. 1935) Councillor—W.L. Everitt (1935-36) (Located at Ohio State Univ.)
1915-16	1936-39; 1939-42; 1942-47
President—H.H. Higbie Vice Pres.—J.L. Harrington Councillor—E.F. Gillette Secy.-Treas.—R.C. Matthews	President—C.H. Spencer Vice Pres.—Myron Creese (d. 1945) Vice Pres.—R.B. Allen (1945-47) Councillor—J.D. Fitch (Located in Washington, D.C.)
1916-17	1947-50
President—J.L. Harrington Vice Pres.—M.S. Ketchum Councillor—H.H. Higbie Secy.-Treas.—R.C. Matthews	President—M.M. Cory Vice Pres.—E.R. Moore Councillor—H.M. Merker Councillor—R.H. McCarroll (d. 1948) Councillor—T.C. Hanson (1948-50) Councillor—L.W. Lentz (Located in Detroit, Mich.)
1917-20	1950-54
President—M.S. Ketchum Vice Pres.—J.T. Faig Councillor—J.L. Harrington Secy.-Treas.—R.C. Matthews	President—E.R. Moore Vice Pres.—T.C. Hanson Councillor—M.M. Cory (d. 1953) Councillor—H.M. Merker Councillor—L.W. Lentz (d. 1953) Councillor—C.J. Freund (1953-54) Councillor—Axel Marin (1953-54) (Located in Detroit, Mich.)
1920-21	
President—J.T. Faig Vice Pres.—O.P. Hood Councillor—M.S. Ketchum Secy.-Treas.—R.C. Matthews	
1921-22	
President—O.P. Hood Vice Pres.—D.S. Kimball Councillor—J.T. Faig Secy.-Treas.—R.C. Matthews	

1954-58		1978-82
President—H.M. King		President—D.L. Bender
Vice Pres.—W.C. Voss		Vice Pres.—W.J. Mikols
Councillor—L.W. Bass		Councillor—T.R. Howard
Councillor—H.K. Brown		Councillor—J.Law
Councillor—C.F. Muckenhoupt		Councillor—R.L. Turner
(Located in Boston, Mass.)		(Located in the Pacific Northwest)
1958-62		1982-86
President—D.A. Dahlstrom		President—P.H. Robbins
Vice Pres.—A.W. Consoer		Vice Pres.—R.L. Werneth
Councillor—G.G. Lamb		Councillor—G.H. Schlimm
Councillor—R.G. Owens		Councillor—D.A. Snyder
Councillor—L.C. Rogers		Councillor—D.W. Vannoy
(Located in Chicago, Ill.)		(Located in Maryland)
1962-66		1986-90
President—D.S. Clark		President—M.S. Martin
Vice Pres.—E.P. Coleman		Vice Pres.—L.E. Sissom
Councillor—R.L. Mannes		Councillor—J.W. Johnson Jr.
Councillor—H.N. Marsh (d. 1964)		Councillor—J.W. Prados
Councillor—C.R. Dodson (1965-66)		Councillor—L.D. Tyler
Councillor—D.R. Stern		(Located in Kentucky/Tennessee)
(Located in Southern California)		
1966-70		1990-94
President—H.R. Chope		President—J.W. Johnson Jr.
Vice Pres.—J.L. Jones		Vice Pres.—R.W. Cantrell
Councillor—A.B. Bishop		Councillor—W.L. Grecco
Councillor—D.C. Minton Jr.		Councillor—M.S. Martin
Councillor—R.S. Paffenbarger		Councillor—D.B. Wallace
(Located in Columbus, Ohio)		(Located in Alabama/Tennessee)
1970-74		1994-98
President—G.P. Palo		President—E.D. Basta
Vice Pres.—M.W. Milligan		Vice Pres.—E.W. Beans
Councillor—J.T. Price		Councillor—R.O. Barr Jr.
Councillor—T.J. Rentenbach		Councillor—M.K. Brennan
Councillor—S.R. Sapirie		Councillor—J.R. Luchini
(Loc. in Knoxville—Oak Ridge, Tenn.)		(Located in Michigan/Ohio)
1974-78		1998-2002
President—T.M. Linville (1974-76)		President—D.M. Green
President—E.T. Misiaszek (1976-78)		Vice Pres.—E.J. D'Avignon
Vice Pres.—E.T. Misiaszek (1974-76)		Councillor—J.A. Atkins
Vice Pres.—L.J. Hollander (1976-78)		Councillor—G.D. Peterson
Councillor—L.D. Wechsler		Councillor—C.P. Rice
Councillor—J.R. Loveland		(Located in Maryland/New York)
Councillor—L.J. Hollander (1974-76)		
Councillor—T.M. Linville (1976-78)		
(Located in upper New York State)		
		2002-06
		President—M.W. Ohland
		Vice Pres.—E.S. Styles
		Councillor—A.L. Hu
		Councillor—R.W. Pierce
		Councillor—D.J. Tyner
		(Located in five states)

Current Executive Council



2006-10; 2010-14

Councillor Norman Pih, *TN A '82*

President Larry A. Simonson, Ph.D., P.E., *SD A '69*

Vice President Solange C. Dao, P.E., *FL A '95*

Councillor Jason A. Huggins, P.E., *FL A '96*

Councillor Jonathan F.K. Earle, Ph.D., P.E., *FL A '65*

(Located in AZ/FL/SD)

Other Association Officials

In addition to the Executive Council members, the Secretary-Treasurer, the Assistant Secretary-Treasurer, and the publication boards of *The Bent* and *The Bulletin*, listed herein, the following positions have been created by the Convention and the officials have been appointed by the Council.

Director of Alumni Affairs

The office of Alumni Representative was created by the 1925 Convention. The title was changed by the 1972 Convention to Director of Alumni Affairs; however, in 1978, the office was eliminated with the adoption of the District Program. The position was reinstated by the 2012 Convention. The duties of the Director are to stimulate and maintain alumni interest and support for Tau Beta Pi, to encourage the formation of alumni chapters, and to represent the alumni at the Convention and before the Executive Council.

Directors of Alumni Affairs have been:

1925-26	E.T. Mehren	1948-55	R.B. Allen
1926-27	J.F. Fairman	1956-63	M.V. Burggraaf
1927-30	F.Burton	1963-66	R.W. Gunther
1931-32	A.D. Moore	1966-71	J.M. Kane
1932-36	C.H. Spencer	1971-73	D.J. Jay
1936-41	W.E. Jessup	1974-78	J.W. Jimenez
1942-48	J.E. Jagger	2013-	T.E. Gomulinski

Director of Rituals

The position of Master of Rituals was created by the 1927 Convention, after a one-year trial; the title was changed by the 1972 Convention to Director of Rituals. Duties include keeping watch over the form, phraseology, and physical make-up of the rituals, receiving and analyzing suggestions for changes, and handling all matters in connection with the rituals and related ceremonies. Directors of Rituals have been:

1926-49	W.N. Espy	1983-91	R.L. Turner
1948-57	L.T. Monson	1991-93	D.A. Snyder
1957-79	H.F. McGaffey	1993-03	A.R. Hirsch
1979-81	L.D. Wechsler	2003-	E.J. D'Avignon
1981-83	D.A. Snyder		

Fellowship Fund Trustee

The office of Fellowship Fund Trustee was created by the 1930 Convention and was replaced with a corporate trustee under the direction of a three-member Trust Advisory Committee by the 1964 Convention. The duties of the office included holding, investing, conserving, increasing, and expending the monies of both Tau Beta Pi's Fellowship and *The Bent* Life Subscription Funds as the Constitution and Bylaws required and as the Convention and Executive Council ordered. Fellowship Fund Trustees were:

1930-63	Melvin De Groote	1963-65	E.E. Tuttle
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Trust Advisory Committee

The Trust Advisory Committee, created by the 1964 Convention, is charged with issuing instructions to the corporate trustee for the purchase and sale of assets held by the trustee in *The Bent* Life Subscription, Fellowship, Greater Interest in Government, Convention, Engineering Futures, Scholarship, and Program Development Funds. The trustee has the responsibility of making periodic recommendations to the Committee for investing and reinvesting assets to meet the objectives of the funds as stated in the Constitution and Bylaws. Members of the Trust Advisory Committee have been:

1965-72	E.E. Tuttle (chair), H. Hoover Jr., T.G. Myers, C.R. Dodson (1969-72)
1972-74	C.R. Dodson (chair), T.G. Myers, L.T. Monson
1975-83	C.R. Dodson (chair), G.P. Palo, H.F. Pierce
1983-85	C.R. Dodson (chair), H.F. Pierce, R.F. Smith
1985-86	R.F. Smith (chair), F.P. Linaweaver, H.F. Pierce
1986-89	R.F. Smith (chair), F.P. Linaweaver, G.H. Schlimm
1990-95	R.F. Smith (chair), R.C. Clark, G.H. Schlimm
1995-00	R.F. Smith (chair), R.C. Clark, J.W. Johnson Jr.
2001-03	R.F. Smith (chair), J.W. Johnson Jr., J.A. Runde

2004-06 R.F. Smith (chair), J.W. Johnson Jr., M.A. Di Flora
2007- R.F. Smith (chair), J.W. Johnson Jr., H.W. Lange

Director of Fellowships

The position of Director of Fellowships was established by the 1932 Convention, the Alumni Representative having fulfilled the duties of the office in 1929-32. The Director is charged with the administration of Tau Beta Pi's Fellowship Program. Directors of Fellowships have been:

1933-46	A.D. Moore	1979-92	L.J. Hollander
1946-47	P.A. Singleton	1992-94	D.R. Reyes-Guerra
1947-79	P.H. Robbins	1994-	D.S. Pierre Jr.

Fellowship Board

The Fellowship Board was created by the 1932 Convention to aid the Director of Fellowships, especially in the selection of fellowship awardees. The Alumni Representative and the Executive Councillors served as the Fellowship Board in 1929-32. Since 1932, the board has consisted of the Director of Fellowships and the following alumni members:

1933-37	A.H. Aldinger, F. Burton, C.F. Hirshfeld
1938	F. Burton, C.F. Hirshfeld
1939	F. Burton, J.W. Parker
1940-41	F. Burton, P.W. Ott, W.B. Stout
1947	R.A. Kampmeier, J.C. Wagner, W.C. White
1948-52	C.G. Fink, R.S. Healy, J.C. Wagner
1953-69	R.S. Healy, E.A. Salma, J.C. Wagner
1969-70	D.C. Fullarton, E.A. Salma, J.C. Wagner
1970-77	D.C. Fullarton, E.A. Salma, K.H. Strauss
1978-79	L.J. Hollander, E.A. Salma, K.H. Strauss
1979-83	W.E. Moore II, E.A. Salma, K.H. Strauss
1983-87	W.E. Moore II, E.A. Salma, D.R. Reyes-Guerra
1987-89	V.A. Marsocci, E.A. Salma, D.R. Reyes-Guerra
1989-92	J.W. Hollenberg, V.A. Marsocci, D.R. Reyes-Guerra
1992-96	L.J. Hollander, J.W. Hollenberg, V.A. Marsocci
1996-2003	H.J. Chaya, S.L. Holl, V.A. Marsocci
2003-09	S.L. Holl, L.J. Hollander, V.A. Marsocci
2009-10	S.L. Holl, L.J. Hollander, J.L. Jamieson
2010-12	S.L. Holl, J.L. Jamieson, D.W. Donahue
2012-	S.L. Holl, J.L. Jamieson, D.W. Donahue, C.W. Caldwell

Director of Chapter Development

The position of Chapter Coordinator was established by the 1947 Convention after being in unofficial, experimental existence for ten years. The title was changed by the 1972 Convention to Director of Chapter Development. The office was eliminated in 1976 with adoption of the District Program. The duties of the position were to encourage proper chapter operations under the Constitution and Bylaws, to provide for the exchange of information on projects and activities through publications and Convention programs, and to conduct an annual chapter survey. Directors of Chapter Development were:

1937-46	P.A. Singleton	1959-71	J.R. Young
1946-59	M.E. Van Valkenburg	1971-76	G.R. Ames

Director of District Programs and District Directors

The position of Director of District Programs was established by the 1978 Convention after the District Program had been in experimental use for three years, during which time J.T. Pedersen served as Director. The office was eliminated in 1991 when the Council assumed oversight responsibility. Over time, 16 geographical Districts have been established, with each of the collegiate and alumni chapters assigned to a District, each headed by one or more District Directors. The Directors of District Programs were:

1978-82	T.R. Howard	1983-87	J.R. Luchini
1982-83	R.L. Werneth	1987-91	J.W. Johnson Jr.

Director of Engineering Futures and Facilitators

The position of Director of Engineering Futures was established by the 1993 Convention after the Engineering Futures Program had been in experimental use for five years, during which time M.S. Polston served as Director. Approximately 40 trained teaching Facilitators have been appointed throughout the nation. The Directors of Engineering Futures have been:

1994-95	A.C. Hwang	2002-08	A.M. Brenner
1995-99	R.M. Hickling	2009-	R.W. Pierce
1999-2002	R.W. Pierce		



District 14 Conference, Portland, Oregon, March 2, 2013

Publications

The Bent

The Bent of Tau Beta Pi (title registered in the U.S. Patent and Trademark Office) was established by the 1905 Convention, and was first published by Pennsylvania Alpha for two years, the first issue bearing the date April 1906. It is now published in Winter, Spring, Summer, and Fall issues. Until 1913, it was in the hands of a board of alumni. Since then, its business affairs have been conducted with those of the Executive Council.

World War I caused the suspension of publication with the combined number for January-April, 1918. Publication was resumed with the combined number for July-November, 1922. The 1922 Convention adopted a bylaw placing the election of an editor in the hands of the Convention and elected John W. Ross to that position.

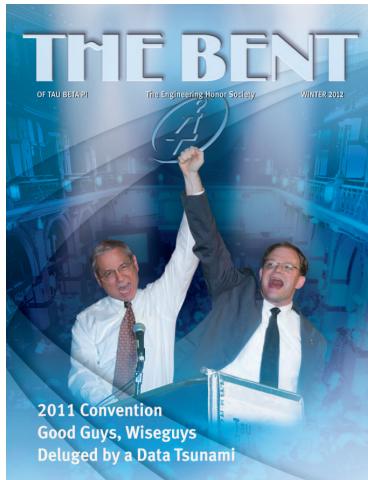
While experiencing most of the vicissitudes of a journal of its class, *The Bent* has filled a positive place in the activities of the Association, and has been an indispensable means of unifying the various chapters in a comprehensive organization. Action by the 1910 Convention, requiring all new initiates to subscribe to the quarterly for three years, put it on its feet financially and, by ensuring a large circulation, made it of more value to the members of the Association.

Because of rising costs, the 1925 Convention changed the form of *The Bent* from 6 x 9 inches to 8.5 x 11.5 inches, and reduced the number of pages, as well as requiring all new initiates to subscribe for a period of four years. In 1968 to effect savings, page-size of *The Bent* has reduced to 8.25 x 11 inches. In 1984, page-size was reduced to 8.25 x 10.875 inches.

The 1946 Convention, in providing for a full-time, permanent Secretary-Treasurer, also included among the duties of that office those of Editor of the Association. The Secretary-Treasurer/Executive Director, therefore, also serves as Editor of *The Bent*.

The life subscription plan for *The Bent* was adopted by the 1929 Convention as a means for perpetuating the Fellowship Program. The plan provides for use of income from the invested Life Subscription Fund for publication expenses during the lifetime of the subscriber, and transfer of the life subscription fee to the Fellowship Fund on the death of the subscriber. The 1963 Convention raised the price of life subscriptions from \$25 to \$35, the 1989 Convention to \$50, and the 1996 Convention to \$60. On July 31, 2013, there were nearly 80,000 life subscribers. Annual subscriptions are \$10.

The Bent carries advertising of numerous universities and major business firms in the engineering field. Advertising rates are available on request from the Editor. Total paid circulation of *The Bent* exceeds 88,000 copies per issue.



Publication Boards

1906

Editor-in-Chief — H.R. Lee
Assistant Editor — C.B. Hagy
Business Manager — S.J. Cort
Secretary — W.H. Hendricks

1906-1907

Editor-in-Chief — J.F. Hanst
Assistant Editor — Robert McMinn
Business Manager — G.K. Herzog
Asst. Bus. Manager — R.S. Archibald

1907-1908

Editor-in-Chief — E.F. Gillette
Assistant Editor — L.M. Zapp
Business Manager — C.A. Keller
Council Editor — R.C. Matthews

1908-1910

Editor-in-Chief — H.B. Dirks
Business Manager — A.R. Bench
Assistant Editor — Avery Brundage
Asst. Bus. Manager — H.C. Dean
Council Editor — R.C. Matthews

1910-1913

Editor-in-Chief — H.C. Dean
Associate Editor — H.H. Simmons
Assistant Manager — W.R. Robinson
Council Editor — R.C. Matthews

1913-1918

Editor — H.H. Simmons
Editor — H.C. Estep
Business Manager — R.C. Matthews

1918-1922

Publication suspended.

1922-1926

Editor — J.W. Ross
Secretary-Treasurer — R.C. Matthews

1926-1927

Editor — J.W. Ross
Assistant Editor — L.T. Monson
Secretary-Treasurer — R.C. Matthews

1927-1942

Editor — L.T. Monson
Secretary-Treasurer — R.C. Matthews

1942-1947

Editor — R.H. Nagel
Secretary-Treasurer — R.C. Matthews

1947-1983

Editor & Secy.-Treas. — R.H. Nagel

1983-2011

Editor & Secy.-Treas. — J.D. Froula

2011-

Editor & Secy.-Treas. — C.D. Gomulinski

The Bulletin

The Bulletin of Tau Beta Pi is now published four times annually on the website and is sent to all undergraduate members, chapter advisors, deans of engineering, and to other members who request it.

The purpose of *The Bulletin* is to disseminate news and information about Tau Beta Pi of special interest to the collegiate chapters. It is an important vehicle for the annual repetition of instructions from the Executive Council and Headquarters staff to the chapters on election and initiation procedures and for the exchange of chapter project ideas and experience.

The first issue of *The Council Bulletin* was published in October 1925. The 1926 Convention recognized its importance and created the office of Assistant Editor of *The Bent* and defined the duties thereof as those of editing *The Council Bulletin*. It was published as the collegiate chapter edition of *The Bent* until September 1941, when its editorial affairs were separated from those of the official quarterly magazine. With the creation of the post of Assistant Secretary-Treasurer in 1963, editorial responsibility was given to the Secretary-Treasurer in Knoxville, TN. The 1984 Convention changed the name of the publication to *The Bulletin*.

Editors of *The Council Bulletin* and *The Bulletin* and their titles have been as follows:

1925-1926	J.W. Ross, Editor of <i>The Bent</i>
1926-1927	L.T. Monson, Assistant Editor of <i>The Bent</i>
1927-1937	L.T. Monson, Editor of <i>The Bent</i>
1938-1941	P.A. Singleton, Chapter Coordinator
1942-1950	F.M. Kempton, Editor of <i>The Council Bulletin</i>
1950-1952	M.E. Van Valkenburg, Editor of <i>The Council Bulletin</i>
1953-1963	L.A. Cohn, Editor of <i>The Council Bulletin</i>
1963-1982	R.H. Nagel, Editor & Secretary-Treasurer
1982-2011	J.D. Froula, Editor & Secretary-Treasurer
2011-	C.D. Gomulinski, Editor & Secretary-Treasurer

Editors of *The Council Bulletin* and *The Bulletin* were assisted by:

1939-41	F.M. Kempton	1963-69	F.F. Lyle Jr.
1941-47	E.J. Angelo Jr.	1970-72	R.E. Warmack
1941-46	B.S. Pace	1972-74	J.P. Kesselring
1943-47	F.A. Lang	1976-84	D.J. Soukup
1951-52	G.Wade, L.A. Cohn	1984-86	K.L. Martin
1953-58	D.R. Briggs	1986-	R.E. Hawks
1958-67	J.S. Aagaard		

Finances

Because the operation of collegiate chapters of Tau Beta Pi is entirely under the control of the local groups (except in regards to minimal qualifications for membership and the broad limitations imposed by Convention acts), no central records of chapter finances are kept. The chapters are required to pay the Association \$32 for each new member initiated and are assessed on a pro-rated basis for Convention costs. Beyond those two items, chapters are financially independent and are permitted to charge total initiation fees as they choose. Initiation fees now range from \$45 to \$125 and are fixed by the chapters to cover a variety of local costs.

The 1947 Convention increased the initiation fee from \$14 to \$16 per person to offset higher costs of Headquarters operations (the previous change had been in 1934 when it was reduced from \$15); since then it has been raised periodically to \$21 in 1972, \$23 in 1990, \$27 in 1994, and \$32 in 2004. The Association provides each new initiate with an engraved key, an engrossed membership certificate, informational literature, etc., and a four-year subscription to *The Bent* or which \$8.40 is allocated. The remaining \$10.35 is used to pay a small portion of Headquarters personnel, service, and supply expenses.

In addition to the initiation fees, Association income is derived from annual and life subscriptions to *The Bent*, interest on investments, gifts and bequests, and a few other sources. The annual Alumni Giving Program is the major source of revenue.

The Association's fiscal year runs from August 1 to July 31, and a balance sheet and a receipts-expenditures statement are published in *The Bent* each year, taken from an audit report by a certified public accounting firm.

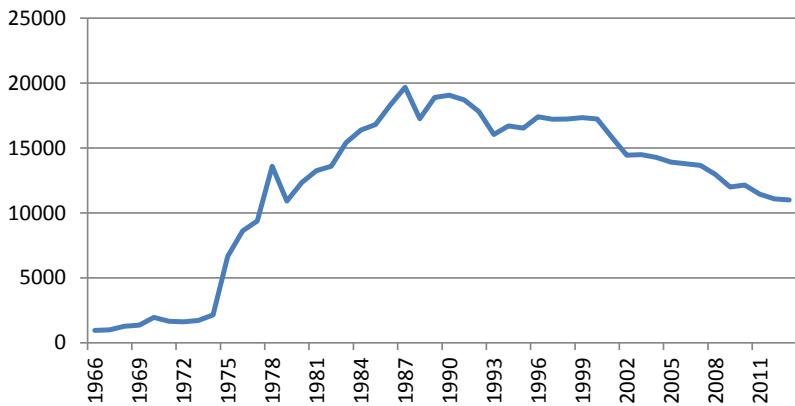
The Fellowship, Life Subscription, Convention, Engineering Futures, Greater Interest in Government, Program Development, Scholarship, MindSET, and various donor-named funds are invested and are held for the Association by a corporate trustee under the direction of the Trust Advisory Committee. The Fellowship Fund receives transfers from surplus and donations and bequests that are made from time to time by the Council and transfers from the Life Subscription Fund on the death of life subscribers. The Life Subscription Fund is made up of payments by life subscribers to *The Bent*. Other assets are managed by the Secretary-Treasurer.

The Student Loan Fund, to which is added one-half of all interest collected on student loan notes and contributions, is a "book-value" fund whose assets are held by the Secretary-Treasurer as loan notes.

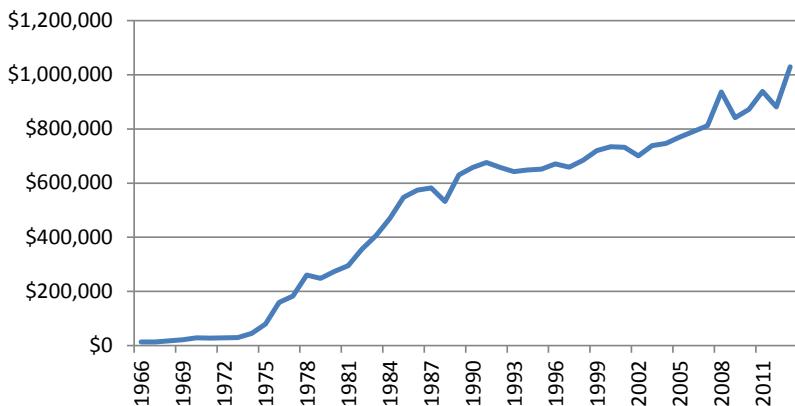
Alumni Giving Program

The annual Alumni Giving Program began in modest fashion in 1963 and is managed by the Secretary-Treasurer. The assistance of a professional consultant has been used since 1974-75. The recent record of giving is as follows:

Annual Contributors



Total Gifts



Programs

Fellowship

Winner of the ASEE Corporate Member Council's 2009 "Excellence in Engineering Collaboration Award," the Fellowship Program is Tau Beta Pi's pioneering project for the advancement of engineering education and the profession. It is a time-proven idea that was originated by Tau Beta Pi in the honor society field. The plan was adopted by the 1928 Convention as a result of the recommendation and labors of President A.D. Moore. Since the beginning, the purpose has been to finance, for a select group of members chosen for merit and need, a year of graduate study at the colleges of their choice. Tau Beta Pi Fellows are free to do graduate work in any field that will enable them to contribute to the engineering profession. The only specific duty of awardees is to prepare and submit a report at the completion of the fellowship year summarizing their work. Fellows with stipends receive \$10,000 for their advanced study; others do not need financial aid from Tau Beta Pi.

The Anderson Fellowship is named for Mabel E. and Marshall Anderson, MI Γ '32, who was TBP Fellow No. 19 and left a bequest to the Society in 2005. The Association received a bequest from the estates of David L. Arm, PA E '30, and his wife, Rena Miller Arm, sufficient to permanently endow the Arm Fellowship in 2007.

Given for the 28th time, the Centennial Fellowship honors the Society's most outstanding fellow and commemorates Tau Beta Pi's 100th anniversary.

Walter E. Deuchler Sr., IL A '1910, left a bequest in 1979 to endow the Deuchler Fellowship for graduate study in water supply, waste-water treatment, and ecology.

The eighteen James Fife Fellowships are presented in memory of the father of the late member William Fife, CA A '21. The Forge Fellowship is named for Charles O. Forge, CA Γ '56, who left a bequest in 2010.

The Hanley Fellowship is named for Edward P. Hanley, IL B '42, who was TBP Fellow No. 84 and whose widow, Mary A. Hanley, left a bequest to Tau Beta Pi in 2007.

The Harold M. King Fellowship, awarded for the 52nd time, honors the 1954-58 president of Tau Beta Pi, Harold M. King, MA A 1910, and is given to that recipient whose participation in his or her technical society is judged worthy of special mention.

The Lynnworth Fellowships are named for Lawrence C. Lynnworth, NY E '58, TBP Fellow No. 140, and matched by the GE Foundation.

The Matthews Fellowship is awarded in honor of R.C. "Red" Matthews, IL A 1902, who served as Secretary and Secretary-Treasurer in 1905-47 and as Secretary-Treasurer Emeritus in 1947-78. The Nagel Fellowship is given to honor Robert H. Nagel, P.E., NY Δ '39, for his service as Editor and Secretary-Treasurer during 1942-82 and as Secretary-Treasurer Emeritus in 1982-97.

The Donald A. Stark Fellowship is supported by a gift from a charitable trust named for the man who contributed much in the fluid-power industry.

The Sigma Tau Fellowship, given for the 40th time, perpetuates the name of Sigma Tau, a national engineering honor society founded at the University

of Nebraska in 1904 and merged into Tau Beta Pi in 1974. It also commemorates Sigma Tau's former national president and secretary-treasurer, Clarel B. Mapes.

The Charles H. Spencer Fellowship is given for the 58th time. Named for Tau Beta Pi's national president in 1936-47, Charles H. Spencer, IL B 1913, it is awarded to that winner whose contributions to his or her collegiate chapter are judged worthy of commendation.

The Edward H. Williams Jr. Fellowship, awarded for the 34th time, honors the founder of Tau Beta Pi. It is given to a recipient who plans to earn a doctoral degree and become a professional engineering teacher, as was Dr. Williams.

The Zimmerman Fellowship is named for Marlin U. Zimmerman Jr., MD A '44, who left a bequest in 2010.

This 80th group of Fellows brings the total to 1,501 fellowships granted and more than \$5,700,000 in stipends given since the program was inaugurated in 1929. Previous Fellows are listed at www.tbp.org.

2013-14 Fellows

Nadia L. Ahlborg, Ohio State University, TBP No. 803, Materials Science & Engineering
Shabab F. Alam, University of South Alabama, Fife No. 165, Electrical Engineering
Kevin V. Andreassi, Michigan State University, TBP No. 804, Mechanical Engineering
Whitney L. Anthony, Texas A&M University, Matthews No. 16, Civil Engineering
Alexandra V. Bayles, University of Delaware, TBP No. 805, Chemical Engineering
Robert J. Broman, Colorado School of Mines, Fife No. 166, Finance
Benjamin D. Carmichael, University of Alabama, Fife No. 167, Mechanical Engineering
Allison K. Cerutti, University of Missouri-Columbia, Fife No. 168, Orthotics & Prosthetics
Matthew P. Charnley, University of Notre Dame, TBP No. 806, Mathematics
Peerawat Charuwat, Virginia Military Institute, King No. 52, Environmental Engineering
Chelsea M. Ehler, Rensselaer Polytechnic Institute, Fife No. 169, Materials Engineering
Meghan C. Ferrall, University of Florida, TBP No. 807, Biomedical Engineering
Evan M. Gates, Carnegie Mellon University, Fife No. 170, Biomedical Engineering
Nathan B. Gaw, Arizona State University, Fife No. 171, Biomedical Engineering
Robert J. Griffin, Tennessee Technological University, Stark No. 36, Mechanical Engineering
Chin G. Hooi, Embry-Riddle Aeronautical University, Fife No. 172, Aerospace Engineering
Jennifer L. Jones, United States Naval Academy, Hanley No. 9, Materials Science & Engineering
Bryan Q. Kah Ming, Southern Illinois University at Carbondale, Spencer No. 58, Civil Engineering
Zachary A. Kaufman, University of Florida, Forge No. 2, Electrical Engineering
Carl J. Kirpes, Iowa State University, Fife No. 173, Industrial & Manufacturing Systems Eng'g
Kaitlyn S. Kliewer, Florida A&M Univ. – Florida State Univ., Centennial No. 28, Civil Engineering
Ina A. Kundu, University of Arizona, Fife No. 174, Mechanical Engineering
Trevor J. Layh, South Dakota State University, Sigma Tau No. 40, Aerospace Engineering
William S. LePage, University of Tulsa, Anderson No. 7, Mechanical Engineering
Pawan Maharjan, University of New Orleans, Fife No. 175, Mechanical Engineering
Choolwe M. Mandona, Miami University, Zimmerman No. 2, Environmental Engineering
Danielle M. Martin, Clemson University, Fife No. 176, Biomedical Engineering
Courtney M. Mazur, Brown University, Fife No. 177, Biomedical Engineering
James P. Mazza, Rochester Institute of Technology, Lynnworth No. 7, Electrical Engineering
Samantha A. McBride, University of Nevada, Reno, Deuchler No. 33, Chemical Engineering
Adrien L.H. Perkins, Rutgers University, Fife No. 178, Aeronautical Engineering
Isamar Rosa Plata, University of Puerto Rico, Nagel No. 16, Civil Engineering
Jean Paul D. Santos, University of Utah, Lynnworth No. 8, Electrical Engineering
Tapash J. Sarkar, Rice University, Fife No. 179, Nuclear Engineering
Jared D. Smith, Clarkson University, Fife No. 180, Environmental Engineering
Kyle A. Steiner, University of Florida, Fife No. 181, Mechanical Engineering
Alaina L. Strickler, Case Western Reserve University, Williams No. 34, Chemical Engineering
Joseph D. Tank, University of Iowa, Arn No. 5, Mechanical Engineering
Xuerong Xiao, Pennsylvania State University, TBP No. 808, Electrical Engineering
Gerardo A. Zamora, North Dakota State University, Fife No. 182, Cryptography

Scholarship

The Scholarship Program was established in 1998 with five awards named in honor of former Secretary-Treasurer Emeritus Robert H. Nagel, P.E., NY Δ '39. Since then, awards of \$1,000 per semester have been made to 1,526 Scholars for their senior year of full-time engineering study. Tau Beta Pi Scholarships are awarded on the competitive criteria of high scholarship, campus leadership and service, and promise of future contributions to the engineering profession. All Scholars are members of Tau Beta Pi. Applications are available on November 1.

The Record Scholarships, awarded for the first time in 2001, commemorate Leroy E. Record, KS A '29, whose generous bequest will provide earnings to support awards in perpetuity.

The Stabile Scholarships are named for Vincent A. Stabile, NY Λ '40, whose gifts to the Association, along with gifts from the Vincent A. Stabile Foundation, have permanently endowed scholarships.

In 2005, Henry M. Alford, MS A '27, left a bequest to the Association sufficient to endow permanently the Alford Scholarship. The Althouse Scholarship commemorates Ernest E. Althouse, PA A '26, who left a bequest in 2006. The Bloomberg Scholarship is named for Michael R. Bloomberg, MD A '64, whose 2006 gift funds one award for ten years. Ruth M. and Cleveland L. Campbell, IA A '47, made gifts to permanently endow the Campbell Scholarships.

Additional scholarships are named for other members or corporations, and their descriptions and history can be read at www.tbp.org. 210 Scholars were named for 2013-14.

Visit www.tbp.org for information about our Scholars.

Laureate

The Laureate Program was established by the 1984 Convention after a three-year trial to recognize annually up to five Tau Beta Pi student members who outstandingly exemplify the "spirit of liberal culture in engineering colleges." Award categories include arts, athletics, diverse achievements, and service. Chapters may nominate any student members as candidates. Nominations must be submitted to the Executive Director by April 1. Selection is made by a committee of Association Officials. Winners receive a plaque and a \$2,500 cash award at the Convention. See www.tbp.org. 2013 Laureates are:

Michael R. Lacey, *South Carolina Gamma '13* — For diverse achievements.

Darick W. LaSelle, *Colorado Epsilon '13* — For service.

Benjamin B. Macy, *Indiana Delta '13* — For service.

Glenn M. Miltenberg, *Colorado Zeta '13* — For athletics.

Adam R. Pizzaia, *New Jersey Beta '13* — For diverse achievements.



R.C. Matthews Outstanding Chapter Award

The 1956 Convention established the Outstanding Chapter Award to encourage and recognize high-grade work in both routine and special affairs. It is based on how well chapter service projects fulfill the objectives of Tau Beta Pi and on the quality and promptness of reports to Headquarters. Until 1972, the Secretary-Treasurer annually appointed a committee of alumni as judges. Since then the work has been done by a committee of student delegates at the Convention, where winners are announced.

The R.C. Matthews Outstanding Chapter (award renamed in 1978) receives a bronze plaque and is listed on the master plaque at Headquarters.

Outstanding Chapter Award winners have been:

1956-57—Massachusetts Beta

Honorable Mentions—NY H & TX A

1957-58—Missouri Beta

1958-59—Texas Alpha

1959-60—Maryland Beta

1960-61—Maryland Beta

1961-62—New Hampshire Alpha

1962-63—Massachusetts Delta

1963-64—Texas Alpha

1964-65—Maryland Beta

1965-66—Maryland Beta

1966-67—Texas Alpha

1967-68—Tennessee Alpha

1968-69—Maryland Beta

1969-70—Florida Alpha

1970-71—Florida Alpha

1971-72—Florida Alpha

1972-73—Maryland Beta

1973-74—Texas Beta

1974-75—Florida Gamma

1975-76—Maryland Beta

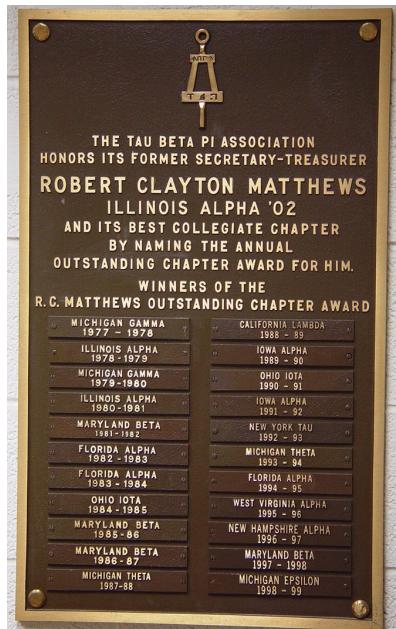
1976-77—Florida Alpha

R.C. Matthews Outstanding Chapters

1977-78—Michigan Gamma

1978-79—Illinois Alpha

1979-80—Michigan Gamma



Honorable Mentions—CA Γ, MA A, & TX A
Honorable Mention —LA Γ

Honorable Mentions—LA Γ, NY K, & TX A

Honorable Mentions—CA Δ, MA B, MO B, & TX A

Honorable Mentions—MD B, MA E, & TX A

Honorable Mentions—MD B, NH A, & TX Δ

Honorable Mentions—MD B & MA Δ

Honorable Mentions—MA Δ, MO B, & TX A

Honorable Mentions—MO A, TN B, & TX A

Honorable Mentions—MD B, MS A, & TN A

Honorable Mentions—MD B, MI Γ, & TN B

Honorable Mentions—CT A, TN A, & TX A

Honorable Mention —MD B

Honorable Mentions—LA Γ, MD B, & TX A

Honorable Mentions—MD B, TX A, & TX B

Honorable Mention —CO B

Honorable Mentions—OH I & WA A

Honorable Mentions—MO Γ & OH I

Honorable Mentions—MD B & MI Γ

Honorable Mentions—CA A, FL A, & MD B

Honorable Mentions—MI Γ & MI H

Honorable Mentions—CA A, IL A, & OH I

1980-81—Illinois Alpha
1981-82—Maryland Beta
1982-83—Florida Alpha
1983-84—Florida Alpha
1984-85—Ohio Iota
1985-86—Maryland Beta
1986-87—Maryland Beta
1987-88—Michigan Theta
1988-89—California Lambda
1989-90—Iowa Alpha
1990-91—Ohio Iota
1991-92—Iowa Alpha
1992-93—New York Tau
1993-94—Michigan Theta
1994-95—Florida Alpha
1995-96—West Virginia Alpha
1996-97—New Hampshire Alpha
1997-98—Maryland Beta
1998-99—Michigan Epsilon
1999-00—Vermont Beta
2000-01—Wyoming Alpha
2001-02—Maryland Beta
2002-03—Ohio Iota
2003-04—Wyoming Alpha
2004-05—Vermont Beta
2005-06—Maryland Beta
2006-07—California Psi
2007-08—Florida Gamma
2008-09—Florida Alpha
2009-10—California Psi
2010-11—Michigan Epsilon
2011-12—Florida Alpha

Honorable Mentions—CA A, MD B, TN A, & TN E
Honorable Mentions—CA E & RI B
Honorable Mentions—MD B, MA E, & OH I
Honorable Mentions—FL B & OH I
Honorable Mention —IL A
Honorable Mentions—CA Y, MI Γ, & OH I
Honorable Mentions—CA Y, FL A, & MI Θ
Honorable Mentions—IA A & MI Γ
Honorable Mentions—MD B & OH I
Honorable Mentions—MI Γ, NJ B, & OH I
Honorable Mentions—AZ Γ, IL Z, & IA A
Honorable Mention —MI Γ
Honorable Mentions—AL A & IA A
Honorable Mentions—IA A & MD B
Honorable Mention —NY Σ
Honorable Mentions—MI Γ & MI Θ
Honorable Mention —IA A
Honorable Mention —NH A
Honorable Mentions—OH Γ, OH I, & VT B
Honorable Mention —MD B
Honorable Mentions—IA A & MI Θ
Honorable Mention —WY A
Honorable Mentions—MD B & NM Γ
Honorable Mentions—CA A, IA A, & VT B
Honorable Mentions—NY N & OH I
Honorable Mentions—AL E & MI Γ

Honorable Mentions—CA A & TX A
Honorable Mention —MI Γ
Honorable Mentions—CA A & OH I
Honorable Mention —CA A
Honorable Mentions—AL E and MI K

R.H. Nagel Most Improved Chapter Award

The 1971 Convention established an annual Most Improved Chapter Award to recognize major improvement in chapter development, including project work and reports to Headquarters, in one year as compared with previous years. Judging is by a committee of student delegates at the Convention, where winners are announced. The 1983 Convention renamed the prize as the R.H. Nagel Most Improved Chapter Award. Winners have been:

1971-72—Texas Beta
1972-73—Colorado Beta
1973-74—Washington Alpha
1974-75—Utah Alpha
1975-76—Missouri Gamma
1976-77—Illinois Alpha
1977-78—New York Iota
1978-79—Minnesota Alpha
1979-80—Pennsylvania Alpha
1980-81—California Beta
1981-82—Massachusetts Epsilon

Honorable Mentions—AZ A and WI A
Honorable Mention —NY O
Honorable Mentions—NY Γ and TN A
Honorable Mentions—MD A and MI Γ
Honorable Mentions—CA N and VT B
Honorable Mentions—MO A and PR A
Honorable Mentions—NH A and CA O
Honorable Mentions—IL E and IN A
Honorable Mention —UT A
Honorable Mentions—ME A and WI A
Honorable Mention —NY Λ

R.H. Nagel Most Improved Chapters

1982-83—Virginia Gamma	Honorable Mentions—NE A, NY K, and WV B
1983-84—Florida Beta	Honorable Mentions—MI I and NC Δ
1984-85—South Dakota Alpha	Honorable Mention —SC A
1985-86—New York Lambda	Honorable Mention —CA Λ
1986-87—Texas Delta	Honorable Mention —NY Π
1987-88—DC Gamma	Honorable Mentions—IA B and NC Δ
1988-89—New York Alpha	Honorable Mention —IL A
1989-90—California Kappa	Honorable Mentions—CA T and TX H
1990-91—Tennessee Alpha	Honorable Mention —AZ Γ
1991-92—Florida Gamma	Honorable Mentions—MO A and NH A
1992-93—Massachusetts Eta	Honorable Mentions—AL A and KS A
1993-94—West Virginia Alpha	Honorable Mention —MN A
1994-95—New York Omicron	Honorable Mention —NY Δ
1995-96—New York Theta	Honorable Mentions—IL Δ, KY B, and PA Θ
1996-97—Florida Epsilon	Honorable Mention —RI A
1997-98—Massachusetts Delta	Honorable Mentions—CA Σ and OH E
1998-99—Florida Beta	Honorable Mentions—DC Γ and LA Γ
1999-00—Louisiana Gamma	Honorable Mentions—CA Γ and MO B
2000-01—West Virginia Alpha	
2001-02—Nevada Beta	Honorable Mention —NY N
2002-03—Kansas Beta	Honorable Mentions—CA I, UT A, and UT B
2003-04—California Sigma	
2004-05—Alabama Epsilon	Honorable Mention —FL Γ
2005-06—Arizona Alpha	Honorable Mention —TX Θ
2006-07—New York Tau	
2007-08—Pennsylvania Iota	Honorable Mention —TX A
2008-09—Minnesota Alpha	
2009-10—Montana Alpha	Honorable Mention —MI Λ
2010-11—California Tau	Honorable Mention —TN Γ
2011-12—Kentucky Gamma	Honorable Mentions—GA A and MI K

J.D. Froula Most Improved Membership Award

In 2011, the Executive Council established an annual Most Improved Membership Award to recognize chapters for increased membership over a three-year period. Winners are announced at Convention. The inaugural presentation of the J.D. Froula Most Improved Membership Award was made at the 2011 Convention to mark the retirement of James D. Froula, P.E. (ret.), *TN Alpha '67*, only the third person to hold the position of Secretary-Treasurer of Tau Beta Pi. Winners have been:

2010-11—Missouri Beta	Honorable Mentions—AZ Γ, GA A, & NV A
2011-12—Illinois Epsilon	Honorable Mention —MA Z

Distinguished Alumnus

The Tau Beta Pi Distinguished Alumnus Program was inaugurated in 1993 to recognize alumni who have continued to *live up to the ideals of Tau Beta Pi as stated in the Eligibility Code and to foster a spirit of liberal culture throughout their lives.* Any chapter or member may nominate one (or more) member(s). Nominations must be submitted to the Executive Director by February 1. Selection is made by a committee of Association Officials. Each winner receives a plaque and a trip to the Convention, and a \$2,000 named scholarship is given to a student (since 2003). See www.tbp.org for details. Winners are:

1997 — John W. Mincy, <i>AL E</i> '70	2005 — H. Vincent Poor, <i>AL A</i> '72
1997 — Chandra S. Brahma, <i>CA P</i> '62	2006 — William A. Anders, <i>OH H</i> '62
1998 — William T. Snyder, <i>TN A</i> '54	2007 — Robert H. Foglesong, <i>WV A</i> '68
1999 — Robert T. Herres, <i>OH H</i> '60	2008 — Stephen D. Bechtel Jr., <i>IN A</i> '46
2000 — Chang-Lin Tien, <i>CA A</i> '55	2008 — Warren G. Schlinger, <i>CA B</i> '44
2001 — James E. Drewry, <i>VA A</i> '60	2009 — Richard H. Stanley, <i>IA A</i> '55
2002 — Lyle D. Feisel, <i>IA A</i> '61	2010 — Merl Baker, <i>KY A</i> '45
2003 — Irwin M. Jacobs, <i>NY A</i> '56	2011 — Richard G. Higgins, <i>ME A</i> '79
2003 — Daniel D. Reneau, <i>LA I</i> '63	2013 — M.L. Walker, Jr., <i>DC A</i> '57
2004 — Jill S. Tietjen, <i>VA A</i> '76	

Outstanding Advisor

After a three-year trial, the 1996 Convention established the Outstanding Advisor Award to be given annually. The award, which includes a plaque, \$1,000 to the winner, and \$1,000 in the name of the winner to the dean's discretionary fund, recognizes outstanding performance among the chapter advisors. A nominating committee from the chapter, excluding but in consultation with the nominee, should prepare the nomination and submit it to the Executive Director by April 1. See www.tbp.org for details. Winners are:

1994	James C. Hill, <i>California Gamma</i> '62—Advisor to Iowa Alpha
1995	John M. Kuhlman, <i>Ohio Alpha</i> '70—Advisor to West Virginia Alpha
1996	Robert P. Van Til, <i>Michigan Alpha</i> '79—Advisor to Michigan Theta
1997	Dennis J. Tyner, <i>Massachusetts Epsilon</i> '85—Advisor to Vermont Beta
1998	John A. Tucker, <i>Massachusetts Epsilon</i> '79—Advisor to Massachusetts Beta
1999	Eddie R. Fowler, <i>Kansas Gamma</i> '57—Advisor to Kansas Gamma
2000	William W. Mendenhall Jr., <i>New York Delta</i> '48—Advisor to Alaska Alpha
2001	Louis F. Geschwindner Jr., <i>New York Gamma</i> '67—Advisor to Pennsylvania Beta
2002	Larry A. Simonson, <i>South Dakota Alpha</i> '69—Advisor to South Dakota Alpha
2003	Melvin R. Corley, <i>Louisiana Gamma</i> '70—Advisor to Louisiana Gamma
2004	Richard J. Smith, <i>Iowa Alpha</i> '69—Advisor to Iowa Alpha
2005	Sally J. Steadman, <i>Wyoming Alpha</i> '69—Advisor to Alabama Epsilon
2006	Robert E. Barnes, <i>New York Nu</i> '84—Advisor to New York Nu
2007	Thomas E. Wade, <i>Florida Alpha</i> '67—Advisor to Florida Gamma
2008	Richard B. Hayter, <i>South Dakota Beta</i> '65—Advisor to Kansas Gamma
2009	Patrick D. Homen, <i>California Upsilon</i> '85—Advisor to California Upsilon
2010	Robert E. Efimba, <i>Massachusetts Beta</i> '63—Advisor to Dist. of Columbia Alpha
2011	Robert L. Ward, <i>Ohio Iota</i> '88—Advisor to Ohio Iota
2012	Abigail M. Richards, <i>Washington Beta</i> '99—Advisor to Montana Alpha
2013	Bruce L. Walcott, <i>Indiana Alpha</i> '81—Advisor to Kentucky Alpha

McDonald Mentor

In 2005, the Executive Council established the Tau Beta Pi-McDonald Mentor Award to be given annually. Marion and Capers W. McDonald, *NC* *F* '74, sponsored the prize to celebrate excellence among Tau Beta Pi educators and engineers who have consistently supported the personal and professional development of their students and colleagues as excellent mentors or advisors. Serving as engineering educators or as professionals in industry, government, or service organizations, these Tau Beta Pi mentors have contributed to our engineering community, serving as effective advocates and guides in both professional and administrative matters. They have shown true concern for individuals, supporting an environment for developing talents, and have earned respect and recognition for their contributions to their field and to the greater community. The prize includes a medallion, \$1,000 honorarium, and \$1,000 in the name of the Mentor to the nominating or the winner's chapter. Selection is made by a committee of Association Officials. Any member or chapter may prepare and submit a nomination to the Executive Director by April 1. See www.tbp.org for details. Mentors are:

2006—Carter J. Kerk, *SD A* '81
2007—Thomas C. Sheahan, *NY M* '81
2008—Steven M. Cramer, *WI A* '79
2009—Thomas E. Wade, *FL A* '67

2010—Donna S. Reese, *MS A* '79
2011—William R. Goodin, *CA E* '75
2012—Derrick K. Rollins, *IA A* '79
2013—Donald W. Rhymer, *CO Z* '94

Student Assistance

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.

Student Loan

The resources of the Student Loan Fund are available to members who would otherwise be without sufficient money to remain in college and complete their courses. Loans of \$25 to \$2,500 are made for up to three years, and the interest rate is six percent per annum on the unpaid balance (changed from eight percent in 1992). An application for a loan to an undergraduate must be approved by a department head and the chapter president, recording secretary, and treasurer. An application for a graduate loan must be approved by the department head. Loans are available to new members for the amount of the initiation fee. Notes must be cosigned by financially independent persons, such as a parent. Application forms are on the website www.tbp.org. Since inauguration of the program in 1935, 1,787 loans have been made totaling more than \$869,000.

Engineering Futures

Winner of the ASEE Corporate Member Council's 2007 "Excellence in Engineering Collaboration Award," the Engineering Futures Program prepares engineering students for their careers by balancing their technical effectiveness with interpersonal skills and teamwork development. Trained, volunteer Tau Beta Pi alumni present tips on people skills, group process, analytical problem solving, team chartering, and presentation skills to chapter members on their campuses. Sessions are scheduled in two-hour blocks and may be combined to create longer programs. Chapters provide equipment, participants, and meeting rooms. The Headquarters staff schedules facilitators, whose expenses are paid by Tau Beta Pi, but all local costs and getting college students to attend are the responsibility of the chapters. See www.tbp.org for details or to schedule a session.



Greater Interest in Government

The Greater Interest in Government Program was established in 1955 when a \$1,000 gift was presented to the Association by F.A. Faville, *IL B 1919*; J.R. LeVally, *IL B 1915*; and R. Sahlstrom, *IL B '45*, to sponsor student essay contest awards. Cash prizes were awarded for outstanding essays written by student initiates on the subjects of American citizenship, American government, or the responsibility of engineers to take an active part in civic or governmental affairs. The GIG Fund was permanently endowed in 1969 with a \$5,000 gift from Mr. Faville, matched by \$5,000 in alumni gifts.

The 1980 Convention revised the program to provide chapter project grants, but the essay contest was ended by the 1981 Convention. The grants,

up to \$750 each, are used to help pay the expenses of public-oriented projects. Proposals can be submitted at any time and are judged by the Council. Through July 2013, 68 grants have been given totaling \$45,748, including a special project award to NC E in 1991.

Chapters completing projects are: AL Γ ('97), AL E ('92-93, '06), AZ A ('92), CA A ('07, '09), CA Γ (91), CA Y ('03), CA Ψ ('03, '09), DC A ('96-97, '09), FL Δ ('89), IL A ('82, '84-85, '95), IN A ('04), IA A ('89-96, '98-00, '03, '05, '07), IA B ('82, '92), MD A ('93), MD B ('84, '90, '02, '06), MD Δ ('02), MA Z ('93-94), MI K ('12), MN A ('84), MO B ('83-84), MT A ('91), NE A ('84, '88), NY Ξ ('95), NY O ('93-94), OH I ('03, '10), RI B ('94), SD A ('01, '11), TN A ('81), TX Δ ('87), TX H ('84), UT B ('92), UT Γ ('10), VA Γ ('03), VT B ('99), WI A ('82), and WY A ('00). See www.tbp.org for details.

MindSET

The K-12 MindSET Program, launched in 2007, partners chapters with local school districts with the goal of helping to increase the number of 8th graders who complete Algebra I and 12th graders who successfully complete calculus. MindSET uses kinesthetics in classroom instruction, as well as in demonstrating application of math and science concepts in engineering design. A chapter MindSET Project comprises classroom instruction, monthly parent sessions, student engineering lab sessions, and tracking of data each semester.

The MindSET Fund was established in 2008. Grants, up to \$1,000 each, are used to help pay the expenses of chapter MindSET projects. Proposals can be submitted at any time and are reviewed by the Council. Chapters receiving grants last year were AL Γ , CA E, DC A, FL A, FL E, FL H, FL Θ , GA A, ID Γ , MD B, NJ B, NY Γ , and TN A. See www.tbp.org for details.



Association of College Honor Societies

The Association of College Honor Societies (ACHS) was organized on October 2, 1925, by a group of college and university teachers, administrators, and representatives of most well-established honor societies. Its objective was then and is now to consider problems of mutual interest such as those arising from the confusion prevailing on college campuses concerning the character, function, standards of membership, multiplicity, and undesirable duplication of honor societies; to recommend action leading to appropriate classification, higher standards, reasonable cost of membership, consolidation or elimination; and to promote the highest interest of honor societies.

The six founding honor societies of the ACHS are Tau Beta Pi, engineering; Phi Beta Kappa, liberal arts; Sigma Xi, scientific research; Phi Kappa Phi, all academic fields of university scope; Alpha Omega Alpha, medicine; and Order of the Coif, law.

Provision was made for responsibility to be lodged in a Council which consists of an official representative of each member society and also for meetings, admission of other societies found to have proper qualifications, for admission fees and annual dues, and for needed studies, reports, and recommendations.

Former Tau Beta Pi President A.D. Moore was a leader in the formation of the ACHS in 1925. He served as our representative from 1925-32 and was president of the ACHS in 1933-1937. President P.W. Ott was our representative from 1932-1947, serving as vice president of the ACHS in 1939. Former Secretary R.H. Nagel was representative from 1947-1982, secretary-treasurer from 1949-1957, and president from 1957-1959. Former Secretary J.D. Froula represented Tau Beta Pi from 1982-2011 and served on the executive committee in 1987-1989, as vice president in 1989-1991, and as president in 1991-1993. Executive Director C.D. Gomulinski now serves as the Tau Beta Pi representative.

Sixty-eight honor societies are now members of the ACHS, although all of the other founding societies have withdrawn. Tau Beta Pi is classed as a general honor society of the scholarship variety, as distinguished from the leadership kind. A third classification by the ACHS is that of specialized honor societies, and a fourth is freshman scholarship societies. Definitions, standards, requirements for membership, and a statement on the functions of honor societies were adopted by the ACHS in 1944 and were incorporated with appropriate modifications in its Constitution and Bylaws in 1951.



Code of Ethics of Engineers

THE FUNDAMENTAL PRINCIPLES

Engineers uphold and advance the integrity, honor, and dignity of the engineering profession by:

- I. using their knowledge and skill for the enhancement of human welfare;
- II. being honest and impartial, and serving with fidelity the public, their employers and clients;
- III. striving to increase the competence and prestige of the engineering profession; and
- IV. supporting the professional and technical societies of their disciplines.

THE FUNDAMENTAL CANONS

1. Engineers shall hold paramount the safety, health, and welfare of the public in the performance of their professional duties.
2. Engineers shall perform services only in the areas of their competence.
3. Engineers shall issue public statements only in an objective and truthful manner.
4. Engineers shall act in professional matters for each employer or client as faithful agents or trustees, and shall avoid conflicts of interest.
5. Engineers shall build their professional reputation on the merit of their services and shall not compete unfairly with others.
6. Engineers shall act in such a manner as to uphold and enhance the honor, integrity, and dignity of the profession.
7. Engineers shall continue their professional development throughout their careers and shall provide opportunities for the professional development of those engineers under their supervision.

THE TAU BETA PI YELL (*traditional*)

Ammeter, Indicator, Wye Level Wye.

Slide Rule, Dynamo, Tau Beta Pi!

—Adopted in 1908

—Written by R.C. Matthews, *IL A 1902*

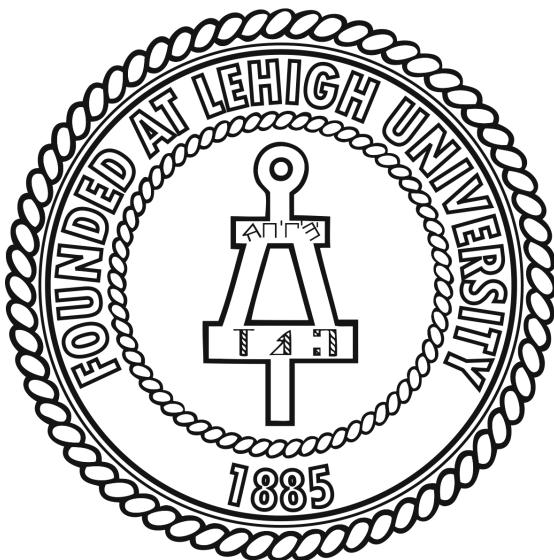
THE TAU BETA PI YELL (*modern*)

Calculate, Innovate, Try, Try, Try.

Integrity, Honesty, Tau Beta Pi!

—Adopted in 1978

—Written by H.F. Klos Jr., *PA Z 1978*



THE SEAL OF TAU BETA PI

**Integrity and Excellence
in Engineering**