

Tau Beta Pi

The Engineering Honor Society

Information Book

Integrity and Excellence in Engineering

Our Vision: Tau Beta Pi is universally recognized as the preeminent engineering honor society that students of all engineering disciplines strive to join.

Our Mission: As the only academic honor society that confers recognition on eligible individuals from all engineering disciplines.

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The Association

The Tau Beta Pi Association, Inc., the engineering honor society, was founded at Lehigh University in 1885 by Edward Higginson Williams Jr., Sc.D., “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 growth 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 liberal arts and sciences. Although this was not 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 in Proctorsville, Vermont, on September 30, 1849; he died in 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; they initiated the remaining eligible students from the class of 1885. As it was the end of the term, there was no time to initiate the eligible men from the class of 1886.

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, Pennsylvania Alpha, existed alone until 1892 when Michigan Alpha was founded at Michigan State University.



EDWARD H. WILLIAMS JR., Sc.D.

A.B., A.C., E.M., 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 collegiate chapters at over 250 institutions, chartered alumni chapters in 79 locations, and a total initiated membership of more than 618,000.

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 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 official 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 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; however, 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 1905-12 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 Nathan W. Dougherty (*NY D 1913*) Engineering Building and are located in the same offices today.



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



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

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

<i>No. Chapter</i>	<i>Establishment Date</i>	<i>Institution</i>
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	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
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	New York University Polytechnic School of Engineering; 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
177	Illinois Epsilon	April 3, 1976	Southern Illinois University at Carbondale
178	Alabama Gamma	March 27, 1977	University of Alabama at Birmingham

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

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

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
249	Texas Nu	March 22, 2014	The University of Texas-Pan American; Edinburg
250	Indiana Zeta	March 28, 2015	Indiana University-Purdue University Indianapolis
251	Arizona Delta	April 11, 2015	Embry-Riddle Aeronautical University; Prescott
252	North Carolina Zeta	March 19, 2016	East Carolina University; Greenville
253	Idaho Delta	March 4, 2017	Brigham Young University-Idaho; Idaho
254	Oregon Delta	April 14, 2018	Oregon Institute of Technology; Klamath Falls
255	Texas Xi	February 15, 2020	University of Texas at Dallas; Richardson
256	Arkansas Beta	March 7, 2020	University of Arkansas at Little Rock; Little Rock
257	Georgia Gamma	October 9, 2021	Georgia Southern University; Statesboro

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 chapter was reinstated on October 13, 2018, after the school reinstated engineering programs.**

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

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

Requirements for New Chapters

Charters for new collegiate chapters are granted only by a three-fourths favorable vote of the Convention. Required minimal qualifications of petitioning groups and their institutions, as set forth in Tau Beta Pi's Constitution, 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 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 members 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 TBP. 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 79 charters have been granted. More information may be found at www.tbp.org/alumni.

Chartered Alumni Chapters

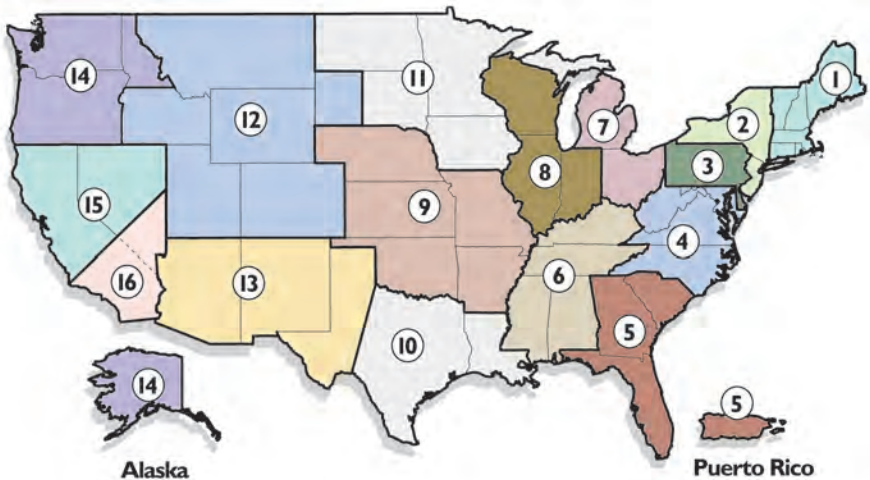
Albuquerque, New Mexico
Ames, Iowa
Ann Arbor Area, Michigan
Atlanta, Georgia
Baltimore, Maryland
Bluegrass (Lexington-Frankfort, KY)
Buffalo, New York
Central Alabama (Birmingham)
Central Connecticut (Hartford)
Central Florida (Orlando)
Central Illinois (Urbana-Champaign)
Central Jersey (Hillsborough)
Central Michigan (Lansing)
Central Texas (Austin/San Antonio)
Chicago, Illinois
Cincinnati, Ohio
Columbia River Basin (Richland, WA)
Columbus, Ohio
Dayton, Ohio
Daytona Beach, Florida
El Paso, Texas
Flint, Michigan
Front Range, Colorado/Wyoming (Denver)
Gainesville, Florida
Great Smoky Mountains (Knoxville-Oak Ridge, TN)
Greater Boston Area, Massachusetts
Greater Gulf Coast (Mobile, AL)
Greater New Orleans, Louisiana
Greater San Diego, California
Hampton Roads, Newport News, Virginia
Indianapolis, Indiana
Kanawha Valley (Charleston, WV)
Kansas City
Lehigh Valley (Bethlehem, PA)
Long Island (NY) Suburban
Los Angeles, California
Louisville, Kentucky
Miami, Florida
Midlands (Columbia, SC)
Mid-South (Memphis, TN)

Milwaukee Area, Wisconsin
Minnesota, Twin Cities (Minneapolis)
Newark, New Jersey
New York City, New York
New York Capital District, NY
North Texas (Dallas-Fort Worth)
Ohio's North Coast, Cleveland
Orange County, California
Palm Beach/Broward, Florida
Philadelphia, Pennsylvania
Phoenix, Arizona
Piedmont (Clemson, SC)
Pikes Peak (Colorado Springs, CO)
Pioneer (Oklahoma)
Pittsburgh, Pennsylvania
Portland, Oregon
Puerto Rico
Puget Sound (Seattle, WA)
Research Triangle (Raleigh-Durham-Chapel Hill, NC)
Richmond, Virginia
Rochester, New York
Rocket City (Huntsville, AL)
Rolla, Missouri
Sacramento Valley, California
Saint Louis, Missouri
Salt Lake City, Utah
San Francisco Bay Area, California
San Francisco Peninsula (Palo Alto, CA)
Southeastern Michigan (Detroit)
Southern California
Southern Tier (Binghamton, NY)
Sun City, Arizona
Tampa Bay, Florida
Texas Gulf Coast (Houston)
Treasure Valley (Boise, ID)
Tucson, Arizona
Washington, DC
West Michigan (Grand Rapids)
Wilmington, Delaware

Districts

Plans 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 necessary 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. Two examples of specific district programming include, training student officers in chapter management and overcoming the effects of discontinuity in chapter membership. More information at www.tbp.org/about/districtDirectors.cfm



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. A member’s class numerals are designated by the year they received their engineering degree on which their eligibility was based, although members with no college degree are designated by the year 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 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 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, borrow from the Association’s loan fund, or 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

Those 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. 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 excessive cost 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 The University of Tennessee. All paper catalog cards were scanned in 2012 and are available electronically. A new system was implemented in 2012 to receive catalog cards electronically.

Table of Members Initiated Through July 31, 2021

AL A	6,682	GA B	460	MO E	240	OR Γ	416
AL B	3,805	ID A	1,432	MT A	2,793	OR Δ	133
AL Γ	1,300	ID B	178	MT B	1,099	PA A	5,320
AL Δ	1,785	ID Γ	294	NE A	2,348	PA B	8,636
AL E	1,176	ID Δ	193	NV A	1,257	PA Γ	3,452
AK A	625	IL A	10,495	NV B	910	PA Δ	2,903
AZ A	3,789	IL B	4,183	NH A	2,025	PA E	2,100
AZ B	3,271	IL Γ	3,377	NH B	452	PA Z	3,632
AZ Γ	743	IL Δ	1,329	NJ A	3,379	PA H	1,791
AZ Δ	224	IL E	1,305	NJ B	4,522	PA Θ	2,325
AR A	3,208	IL Z	1,973	NJ Γ	4,630	PA I	808
AR B	18	IN A	12,207	NJ Δ	2,139	PA K	324
CA A	8,275	IN B	2,302	NJ E	506	PA A	2,261
CA B	2,572	IN Γ	2,979	NJ Z	238	PA M	183
CA Γ	4,455	IN Δ	1,077	NM A	1,813	PR A	3,908
CA Δ	3,541	IN E	988	NM B	1,738	RI A	1,335
CA E	4,211	IN Z	149	NM Γ	867	RI B	2,369
CA Z	1,596	IA A	8,446	NY A	4,189	SC A	4,644
CA H	2,704	IA B	2,460	NY B	2,980	SC B	2,314
CA Θ	2,774	KS A	4,377	NY Γ	7,659	SC Γ	1,225
CA I	1,866	KS B	1,306	NY Δ	6,832	SD A	2,348
CA K	1,425	KS Γ	2,953	NY E	1,851	SD B	1,215
CA L	3,345	KY A	4,080	NY Z	1,579	TN A	5,600
CA M	2,594	KY B	1,863	NY H	3,748	TN B	2,900
CA N	3,501	KY Γ	192	NY Θ	3,760	TN Γ	2,565
CA Ξ	2,164	LA A	3,925	NY I	1,910	TN Δ	674
CA O	765	LA B	1,737	NY K	1,729	TN E	1,092
CA Π	285	LA Γ	2,366	NY Λ	1,161	TN Z	750
CA P	1,423	LA Δ	1,528	NY M	1,097	TX A	8,515
CA Ξ	1,559	LA E	565	NY N	3,668	TX B	4,381
CA T	1,701	ME A	2,974	NY Ξ	2,485	TX Γ	2,047
CA Y	2,733	MD A	2,924	NY O	1,552	TX Δ	8,671
CA Φ	575	MD B	4,399	NY Π	1,612	TX E	2,818
CA X	553	MD Γ	1,920	NY P	1,691	TX Z	1,373
CA Ψ	1,827	MD Δ	751	NY Σ	550	TX H	3,349
CA Ω	392	MD E	464	NY T	1,108	TX Θ	1,658
CA AA	814	MA A	5,222	NY Y	435	TX I	987
CA AB	478	MA B	8,367	NC A	6,317	TX K	1,167
CA AG	422	MA Γ	151	NC B	110	TX Λ	1,213
CA AA	283	MA Δ	2,910	NC Γ	2,573	TX M	469
CA AE	199	MA E	4,653	NC Δ	1,364	TX N	241
CO A	4,342	MA Z	2,941	NC E	977	TX Ξ	89
CO B	5,036	MA H	1,946	NC Z	161	UT A	2,974
CO Γ	360	MA Θ	1,530	ND A	2,582	UT B	2,888
CO Δ	1,781	MA I	538	ND B	1,209	UT Γ	1,296
CO E	830	MI A	4,811	OH A	4,193	VT A	1,573
CO Z	1,319	MI B	4,564	OH B	3,990	VT B	605
CT A	2,125	MI Γ	10,683	OH Γ	6,800	VA A	3,678
CT B	2,787	MI Δ	1,867	OH Δ	2,022	VA B	5,660
CT Γ	434	MI E	2,397	OH E	2,058	VA Γ	1,148
DE A	2,679	MI Z	3,466	OH Z	2,192	VA Δ	748
DC A	1,513	MI H	1,854	OH H	2,431	VA E	471
DC B	1,149	MI Θ	1,132	OH Θ	1,831	WA A	5,404
DC Γ	1,216	MI I	925	OH I	944	WA B	3,644
FL A	5,624	MI K	1,215	OH K	1,878	WA Γ	811
FL B	2,126	MI Λ	264	OH Λ	1,210	WA Δ	564
FL Γ	2,829	MN A	5,691	OH M	1,149	WV A	3,677
FL A	2,214	MN B	696	OH N	304	WV B	1,132
FL E	1,359	MS A	4,166	OH Ξ	344	WI A	6,053
FL Z	1,198	MS B	1,297	OK A	4,423	WI B	3,193
FL H	1,146	MO A	4,623	OK B	1,381	WI Γ	1,373
FL Θ	1,436	MO B	7,554	OK Γ	2,251	WI Δ	899
FL I	322	MO Γ	2,993	OR A	3,290	WI E	902
GA A	8,910	MO Δ	290	OR B	498	WY A	2,595
						TOTAL	617,813

Note: Of the total number initiated, approximately 71,225 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.

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 Executive Director, Directors of Alumni Affairs, Engineering Futures, Fellowships, and Rituals, 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.

The first Convention was held on May 28, 1895, in Cleveland, Ohio. In 2020, due to COVID-19, the first "Unvention" was held via Zoom. In 2021, due to increased COVID cases, the in-person Convention was not held. For the complete list of Convention sites and dates, visit www.tbp.org/conv/previous.cfm.



Photo by Kiffer Creveling

Executive Council

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 the Council was to appoint an alumnus member to fill the office. R.C. Matthews, Secretary from 1905-12 and Secretary-Treasurer of the Council during 1912-24, was appointed and continued in the position until his retirement in 1947.

World War II prevented holding 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.

The 2015 Convention approved amendments, later ratified by the chapters, which restructured the Executive Council. In this new structure, the Council expanded to nine members in 2018. Each newly elected member will serve a three-year term. The Council names its own officers — President (chair), Vice President (vice chair), Secretary, Treasurer, and five Councillors.

For more information about the Executive Council and a list of members who have served on the Executive Council by their term of office, visit www.tbp.org/about/EC.cfm.

Executive Council



Members of the Executive Council:

- President: George J. Morales, Ph.D., FL Epsilon '06 (top right)
- Vice President: Menna M. Youssef, Ph.D., VA Gamma '04 (middle row, far left)
- Secretary: Rachel K. Alexander, CA Upsilon '15 (top left)
- Treasurer: George Youssef, NJ Gamma '01 (bottom right)
- Councillors: Scott E. Fable, CA Tau '96 (bottom row, middle)
- Ming De Lin, Ph.D., NY Gamma '01 (middle)
- Michael L. Peterson, IA Alpha '89 (middle row, far right)
- Russ W. Pierce, WA Alpha '70 (bottom left) &
- Joan M. Sciacca, CA Mu '87 (top middle)



Headquarters Staff

(Left to Right): (top row) Angie Boles, Executive Assistant; Matthew Brissette, Systems Programmer Associate; Michael Brown, Director of Finance & Operations; Amy Chaney, Bookkeeper; Kailey Churchill, Marketing & Communications Specialist; C. Alex Cross, Manager of Member Services; Rebecca Davis, Chapter Program Representative; & Bill Dickson, Systems Administrator; (bottom row) Connor Dubrule, Member Services Representative; Curtis Gomulinski, Executive Director; Wilhelmina Hill-Bearhs, Marketing & Communications Specialist; Sherry Jennings-King, Director of Development; Sherry King, Chapter Program Representative; Dylan Lane, Editor (*The Bent* magazine); & Patricia McDaniel, Director of Marketing & Communications.

Secretary-Treasurers



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

Secretary-Treasurer 1982-2011

Editor of The Bent 1983-2011

Executive Director 1999-2011

Secretary-Treasurer Emeritus 2011-



CURTIS D. GOMULINSKI

Michigan Epsilon 2001

Editor of The Bent 2011-17

Secretary-Treasurer 2011-17

Executive Director 2011-

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 Executive-Director Emeritus. Curtis D. Gomulinski was installed as Secretary-Treasurer, Editor, and Executive Director in October 2011.

Association Officials

In addition to the Executive Council members, the Executive Director, 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, encourage the formation of alumni chapters, and represent alumni at the Convention and before the Executive Council.

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 Executive Council assumed oversight responsibility. The position was re-established as the Director of the District Program for a three-year trial period in 2016. As part of the program, 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.

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 operating on a trial basis for five years, during which time M.S. Polston served as director. In recent years, 35 trained teaching facilitators were appointed throughout the nation. As of 2021, all EF Sessions are conducted virtually.

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.

Fellowship Board

The Fellowship Board was created by the 1932 Convention to aid the Director of Fellowships, especially in the selection of fellowship recipients. 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 several Association alumni. In 1998, the Scholarship Program was established.

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 protecting 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.

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. More information can be found at www.tbp.org/about/boards.cfm

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 \$55 for each new member. Beyond that, chapters are financially independent and are permitted to charge total initiation fees as they choose. Initiation fees average \$89 and are set 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, \$32 in 2004, \$45 in 2014, and \$55 in 2016. The Association provides each new initiate with an engraved key, engrossed membership certificate, informational literature, and a four-year subscription to *The Bent* for which \$12 is allocated. The remaining \$43 is used to support Convention expenses and 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.

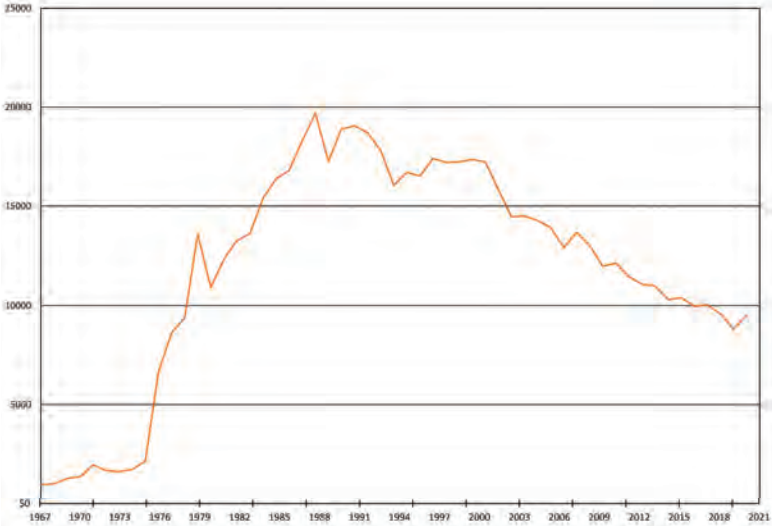
The Fellowship, Life Subscription, Convention, Engineering Futures, Greater Interest in Government, Program Development, Scholarship, MindSET, and various donor-named funds are invested and held for the Association by a corporate trustee under the direction of the Trust Advisory Committee. The Fellowship Fund receives transfers from surplus, 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 consists of payments by life subscribers to *The Bent*. Other assets are managed by the Executive Director.

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 Executive Director as loan notes.

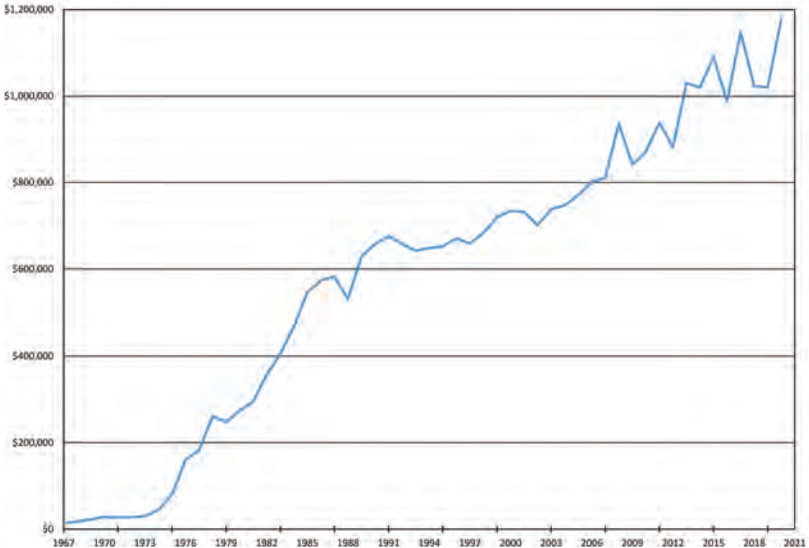
Alumni Giving Program

The annual Alumni Giving Program began in 1963 and is managed by the Executive Director. The recent record of giving is below:

Annual Contributors



Total Gifts



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.

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 served as Editor of *The Bent* until 2017. Now a Headquarters staff member serves as Editor.

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. Life subscriptions are \$95 for paper and \$45 for electronic. Annual subscriptions are \$10. To subscribe, visit www.tbp.org/pubs/subscriptions.cfm.

The Bent contains advertising of universities and business firms in the engineering field. Advertising rates are available at www.tbp.org/pubs/advertise.cfm. Total paid circulation of *The Bent* exceeds 88,000 copies per issue.

The Bulletin

The Bulletin of Tau Beta Pi is published digitally four times a year and is sent to all undergraduate members, chapter advisors, and other members who request it. Issues of *The Bulletin* are at www.tbp.org/pubs/recentIssues.cfm.

The purpose of *The Bulletin* is to disseminate news and information about Tau Beta Pi of special interest to the collegiate chapters. It provides important information 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 as those of editing *The Council Bulletin*. It was published as the collegiate chapter edition of *The Bent* until September 1941, when its editorial responsibilities were separated from those of the official quarterly magazine. With the creation 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*.

Programs

Fellowship

Winner of the ASEE Corporate Member Council's 2009 "Excellence in Engineering Collaboration Award," the Fellowship Program is Tau Beta Pi's project for the advancement of engineering education and the profession. It is a time-proven idea that 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 requirement of awardees is to prepare and submit a report at the completion of the fellowship year summarizing their work. Fellows receive \$10,000 for their advanced study. A total of 1,736 Fellowships and more than \$8,000,000 in stipends have been given since the program began. Fellows are listed at www.tbp.org/fellowships.cfm.

Scholarship

The Scholarship Program was established in 1998 with five awards named in honor of Secretary-Treasurer Emeritus Robert H. Nagel, P.E., NY D '39. Since then, awards of \$1,000 per semester have been made to 3,060 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. Scholarships are named for members or corporations, and their descriptions and history are available at www.tbp.org. 288 Scholars were named for 2018-19, the largest class in program history.

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 Headquarters 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 for list of all Laureates.



2015 — Ashley Armstrong, *IN Γ '15*, Michael Holloway, *TN A '16*, Pedro Vallejo Ramirez, *NY K '16*, Megan Waytashek, *SD B '15*, & David Zoltowski, *MI A '15*.

2016 — Nathan Ferraro, *OK A '15*, Angadbir Sabherwal, *IA A '16*, & Kiersten Wang, *FL A '16*.

2017 — Kasey Cooper, *AL A '18*, Kevin Fraser, *NC Γ '17*, & Simone Stanley, *DC A '17*.

2018 — Amy Kurr, *IA A '18* & Krista Stribling, *IN Δ '18*.

2019 — Casey Main, *IN Δ '19*, Kendra Noneman, *ID Γ '20*, Rose Ridder, *PA K '20*, & Kelli Swenson, *WI Γ '19*.

2020 — Kevin Ptak, *SD A '19* & Natalie Turco, *NY Σ '20*.

2021 — Kara Combs, *OH M '21*, Carissa Dopman, *NY Σ '21*, Tyler Kleinsasser, *SD A '19* & Michael Ustes, *MI I '22*.

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

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



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

R.C. Matthews Outstanding Chapters

1977-78—Michigan Gamma

1978-79—Illinois Alpha

1979-80—Michigan Gamma

1980-81—Illinois Alpha

1981-82—Maryland Beta

1982-83—Florida Alpha

1983-84—Florida Alpha

Honorable Mentions—CA A, FL A & MD B

Honorable Mentions—MI Γ & MI H

Honorable Mentions—CA A, IL A & OH I

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

1984-85—Ohio Iota	Honorable Mention —L A
1985-86—Maryland Beta	Honorable Mentions—CA Y, MI Γ & OH I
1986-87—Maryland Beta	Honorable Mentions—CA Y, FL A & MI Θ
1987-88—Michigan Theta	Honorable Mentions—IA A & MI Γ
1988-89—California Lambda	Honorable Mentions—MD B & OH I
1989-90—Iowa Alpha	Honorable Mentions—MI Γ, NJ B & OH I
1990-91—Ohio Iota	Honorable Mentions—AZ Γ, IL Z & IA A
1991-92—Iowa Alpha	Honorable Mention —MI Γ
1992-93—New York Tau	Honorable Mentions—AL A & IA A
1993-94—Michigan Theta	Honorable Mentions—IA A & MD B
1994-95—Florida Alpha	Honorable Mention —NY Σ
1995-96—West Virginia Alpha	Honorable Mentions—MI Γ & MI Θ
1996-97—New Hampshire Alpha	Honorable Mention —IA A
1997-98—Maryland Beta	Honorable Mention —NH A
1998-99—Michigan Epsilon	Honorable Mentions—OH Γ, OH I & VT B
1999-00—Vermont Beta	Honorable Mention —MD B
2000-01—Wyoming Alpha	Honorable Mentions—IA A & MI Θ
2001-02—Maryland Beta	Honorable Mention —WY A
2002-03—Ohio Iota	Honorable Mentions—MD B & NM Γ
2003-04—Wyoming Alpha	Honorable Mentions—CA A, IA A & VT B
2004-05—Vermont Beta	Honorable Mentions—NY N & OH I
2005-06—Maryland Beta	Honorable Mentions—AL E & MI Γ
2006-07—California Psi	
2007-08—Florida Gamma	Honorable Mentions—CA A & TX A
2008-09—Florida Alpha	Honorable Mention —MI Γ
2009-10—California Psi	Honorable Mentions—CA A & OH I
2010-11—Michigan Epsilon	Honorable Mention —CA A
2011-12—Florida Alpha	Honorable Mentions—AL E and MI K
2012-13—Kentucky Alpha	Honorable Mentions—AL E and OH I
2013-14—Michigan Gamma	Honorable Mentions—AL E and CA A
2014-15—Alabama Epsilon	Honorable Mention —OH I
2015-16—District of Columbia Alpha	Honorable Mention —AL E
2016-17—Alabama Epsilon	Honorable Mentions—FL A & IA A
2017-18—Ohio Iota	Honorable Mentions—AL E & MI Γ
2018-19—Alabama Epsilon	Honorable Mentions—IA A & TN A
2019-20—Alabama Epsilon	Honorable Mention —IA A

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	Honorable Mentions—AZ A and WI A
1972-73—Colorado Beta	Honorable Mention —NY O
1973-74—Washington Alpha	Honorable Mentions—NY Γ and TN A
1974-75—Utah Alpha	Honorable Mentions—MD A and MI Γ
1975-76—Missouri Gamma	Honorable Mentions—CA N and VT B
1976-77—Illinois Alpha	Honorable Mentions—MO A and PR A
1977-78—New York Iota	Honorable Mentions—NH A and CA O
1978-79—Minnesota Alpha	Honorable Mentions—IL E and IN A
1979-80—Pennsylvania Alpha	Honorable Mention —UT A
1980-81—California Beta	Honorable Mentions—ME A and WI A
1981-82—Massachusetts Epsilon	Honorable Mention —NY A
1982-83—Virginia Gamma	Honorable Mentions—NE A, NY K & WV B

R.H. Nagel Most Improved Chapters

1983-84—Florida Beta	Honorable Mentions—MI I and NC Δ
1984-85—South Dakota Alpha	Honorable Mention —SC Δ
1985-86—New York Lambda	Honorable Mention —CA Δ
1986-87—Texas Delta	Honorable Mention —NY Π
1987-88—DC Gamma	Honorable Mentions—IA B & NC Δ
1988-89—New York Alpha	Honorable Mention —IL A
1989-90—California Kappa	Honorable Mentions—CA T & 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 & PA ⊕
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 & UT B
2003-04—California Sigma	
2004-05—Alabama Epsilon	Honorable Mention —FL Γ
2005-06—Arizona Alpha	Honorable Mention —TX ⊕
2006-07—New York Tau	
2007-08—Pennsylvania Iota	Honorable Mention —TX A
2008-09—Minnesota Alpha	
2009-10—Montana Alpha	Honorable Mention —MI Δ
2010-11—California Tau	Honorable Mention —TN Γ
2011-12—Kentucky Gamma	Honorable Mentions—GA A and MI K
2012-13—Kentucky Alpha	Honorable Mention —FL E
2013-14—Florida Theta	Honorable Mention —NY T
2014-15—Alabama Delta	Honorable Mention —IN B
2015-16—Wisconsin Alpha	Honorable Mentions—MD Δ & VT B
2016-17—Wisconsin Delta	Honorable Mentions—IL A
2017-18—New Mexico Beta	Honorable Mention —AR A
2018-19—Texas Theta	Honorable Mentions—MI I & OH E
2019-20—Texas Beta	Honorable Mention —NM A

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*, 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
2012-13—Kentucky Alpha	
2013-14—Pennsylvania Delta	
2014-15—Arizona Beta	Honorable Mentions—CA H & TX M
2015-16—North Carolina Gamma	Honorable Mentions—CA Y & ND A
2016-17—California Upsilon	Honorable Mentions—TX Γ
2017-18—New Jersey Delta	Honorable Mentions—MA ⊕ & OK Γ
2018-19—Indiana Delta	Honorable Mentions—CA K & NY Σ
2019-20—Texas Kappa	Honorable Mention —DC A

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 Headquarters 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/memb/awards.cfm for details. Recipients are:

1997 John Mincy, <i>AL E '70</i>	2011 Richard Higgins, <i>ME A '79</i>	2018 William Collins Jr., <i>FL I '75</i>
1997 Chandra Brahma, <i>CA P '62</i>	2013 M.L. Walker Jr., <i>DC A '57</i>	2018 Aprille Ericsson, <i>DC A '86</i>
1998 William Snyder, <i>TN A '54</i>	2014 Delon Hampton, <i>DC A '54</i>	2018 James Halligan, <i>IA A '62</i>
1999 Robert Herres, <i>OH H '60</i>	2014 Asad Madni, <i>CA E '69</i>	2018 Gary Hoover, <i>IA A '61</i>
2000 Chang-Lin Tien, <i>CA A '55</i>	2014 Gary Payton, <i>CO Z '71</i>	2019 Wayne Davis, <i>TN A '73</i>
2001 James Drewry, <i>VA A '60</i>	2015 Gilbert Amelio, <i>GA A '65</i>	2019 David Ford, <i>IA A '67</i>
2002 Lyle Feisel, <i>IA A '61</i>	2015 Cheick Diarra, <i>DC A '85</i>	2019 William Jennings, <i>GA A '85</i>
2003 Irwin Jacobs, <i>NY A '56</i>	2015 Patrick Harker, <i>PA A '81</i>	2019 Abdallah Yabroudi, <i>NY B '78</i>
2003 Daniel Reneau, <i>LA I '63</i>	2015 Michelle Johnson, <i>CO Z '81</i>	2020 Jerry Holmes, <i>OK A '58</i>
2004 Jill Tietjen, <i>VA A '76</i>	2015 Ray Rothrock, <i>TX A '77</i>	2020 Paul Plotkowski, <i>MI O '80</i>
2005 H. Vincent Poor, <i>AL A '72</i>	2016 N. Jan Davis, <i>AL A '77</i>	2020 Ronald Rousseau, <i>LA A '66</i>
2006 William Anders, <i>OH H '62</i>	2016 Eugene DeLoatch, <i>DC A '59</i>	2020 Dale Zimmerman, <i>FL A '65</i>
2007 Robert Foglesong, <i>WV A '68</i>	2016 Michael Griffin, <i>MD B '77</i>	2021 Martin Jischke, <i>IA A '63</i>
2008 Stephen Bechtel Jr., <i>IN A '68</i>	2017 Lilia Abron, <i>DC A '68</i>	2021 Edward Kaplan, <i>IL B '65</i>
2008 Warren Schlinger, <i>CA B '44</i>	2017 Terry Olberding, <i>TN A '78</i>	2021 Neal McCall, <i>OK I '57</i>
2009 Richard Stanley, <i>IA A '55</i>	2017 Tom Scholz, <i>MA B '69</i>	2021 James Mohoh, <i>DC A '75</i>
2010 Merl Baker, <i>KY A '45</i>	2017 Charles Sukup, <i>IA A '76</i>	2021 Richard Spontak, <i>PA B '83</i>

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 to Headquarters by April 1. See www.tbp.org/memb/awards.cfm for details. Winners are:

1994 James C. Hill, <i>California Gamma '62</i> —Advisor to Iowa Alpha
1995 John M. Kuhlman, <i>Ohio Alpha '70</i> —Advisor to West Virginia Alpha
1996 Robert P. Van Til, <i>Michigan Alpha '79</i> —Advisor to Michigan Theta
1997 Dennis J. Tyner, <i>Massachusetts Epsilon '85</i> —Advisor to Vermont Beta
1998 John A. Tucker, <i>Massachusetts Epsilon '49</i> —Advisor to Massachusetts Beta
1999 Eddie R. Fowler, <i>Kansas Gamma '57</i> —Advisor to Kansas Gamma
2000 William W. Mendenhall Jr., <i>New York Delta '48</i> —Advisor to Alaska Alpha
2001 Louis F. Geschwindner Jr., <i>New York Gamma '67</i> —Advisor to Pennsylvania Beta
2002 Larry A. Simonson, <i>South Dakota Alpha '69</i> —Advisor to South Dakota Alpha
2003 Melvin R. Corley, <i>Louisiana Gamma '70</i> —Advisor to Louisiana Gamma
2004 Richard J. Smith, <i>Iowa Alpha '69</i> —Advisor to Iowa Alpha
2005 Sally J. Steadman, <i>Wyoming Alpha '69</i> —Advisor to Alabama Epsilon
2006 Robert E. Barnes, <i>New York Nu '84</i> —Advisor to New York Nu
2007 Thomas E. Wade, <i>Florida Alpha '67</i> —Advisor to Florida Gamma
2008 Richard B. Hayter, <i>South Dakota Beta '65</i> —Advisor to Kansas Gamma
2009 Patrick D. Homen, <i>California Upsilon '85</i> —Advisor to California Upsilon
2010 Robert E. Efimba, <i>Massachusetts Beta '63</i> —Advisor to Dist. of Columbia Alpha
2011 Robert L. Ward, <i>Ohio Iota '88</i> —Advisor to Ohio Iota
2012 Abigail M. Richards, <i>Washington Beta '99</i> —Advisor to Montana Alpha
2013 Bruce L. Walcott, <i>Indiana Alpha '81</i> —Advisor to Kentucky Alpha
2014 Marvin E. Criswell, <i>Nebraska Alpha '65</i> —Advisor to Colorado Delta
2015 Elizabeth A. Stephan, <i>Ohio Kappa '93</i> —Advisor to South Carolina Alpha
2016 Sandra B. Pitzak, <i>Colorado Beta '00</i> —Advisor to Colorado Beta
2017 LeVern W. Faidley, <i>Iowa Alpha '67</i> —Advisor to Iowa Alpha
2018 None
2019 Kurt P. Rouser, <i>Ohio Eta '11</i> —Advisor to Oklahoma Gamma
2020 Amy L. Kaleita, <i>Pennsylvania Beta '97</i> —Advisor to Iowa Alpha
2021 Sue L.R. Holl, <i>California Lambda '76</i> —Advisor to California Upsilon

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 Γ '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 an engraved medallion, \$1,000 honorarium, a pin, 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 Headquarters by April 1. See www.tbp.org/memb/awards.cfm for details. Mentors are:

2006 Carter J. Kerk, <i>SD A '81</i>	2014 Brendan J. O'Toole, <i>NV B '86</i>
2007 Thomas C. Sheahan, <i>NY M '81</i>	2015 Orval A. Powell, <i>CO Δ '97</i>
2008 Steven M. Cramer, <i>WI A '79</i>	2016 Antonette M. Logar, <i>SD A '78</i>
2009 Thomas E. Wade, <i>FL A '67</i>	2017 Daniel F. Dolan, <i>MN A '70</i>
2010 Donna S. Reese, <i>MS A '79</i>	2018 James C. Hill, <i>CA Γ '62</i>
2011 William R. Goodin, <i>CA E '75</i>	2019 Martha C. Mitchell, <i>WI A '89</i>
2012 Derrick K. Rollins, <i>IA A '79</i>	2020 Dean S. Papajohn, <i>IL A '85</i>
2013 Donald W. Rhymer, <i>CO Z '94</i>	2021 James C. Williams, <i>NM B '76</i>

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 up 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/memb/studentLoans.cfm. Since inauguration of the program in 1932, 1,805 loans have been made totaling more than \$908,575.

Engineering Futures

In partnership with the National Science Foundation and Michigan State University, the Engineering Futures (EF) Program is rolling out an entirely new curriculum in 2021-22. EF focuses on providing professional skills training, and the new curriculum covers Communications, Teamwork, and Leadership. While much of 2021-22 will be devoted to Facilitator recruitment and training, we hope to resume in-person sessions by request on a limited basis in 2022. Chapters should watch for emails from Headquarters with more information once sessions are available by request.



The EF Online Program will continue in 2021-22, offering live trainings online (via Zoom) covering a variety of professional and personal development topics. Find the calendar of EF Online events for 2021-22 at www.tbp.org/EF

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. 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. Projects involving local primary and secondary schools are encouraged, especially if they promote the engineering profession or the importance of a strong math and science education. See www.tbp.org?GIG for details.

MindSET

The K-12 MindSET Program, launched in 2007, partners chapters with local schools and programs to establish and support enhanced math and science preparation of students in the K-12 system. The primary goals of MindSET are to increase interest and knowledge of STEM disciplines in an effort to encourage completion of higher-level math and science courses prior to high school graduation. The program uses kinesthetics in classroom instruction, as well as in demonstrating application of math and science concepts in engineering design.



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. See www.tbp.org/mindset 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 1933-37. President P.W. Ott was our representative from 1932-47, serving as vice president of the ACHS in 1939. Former Secretary R.H. Nagel was representative from 1947-82, secretary-treasurer from 1949-57, and president from 1957-59. Former Secretary J.D. Froula represented Tau Beta Pi from 1982-2011 and served on the executive committee in 1987-89, as vice president in 1989-91, and as president in 1991-93. Executive Director C.D. Gomulinski now serves as the Tau Beta Pi representative.

Seventy 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*

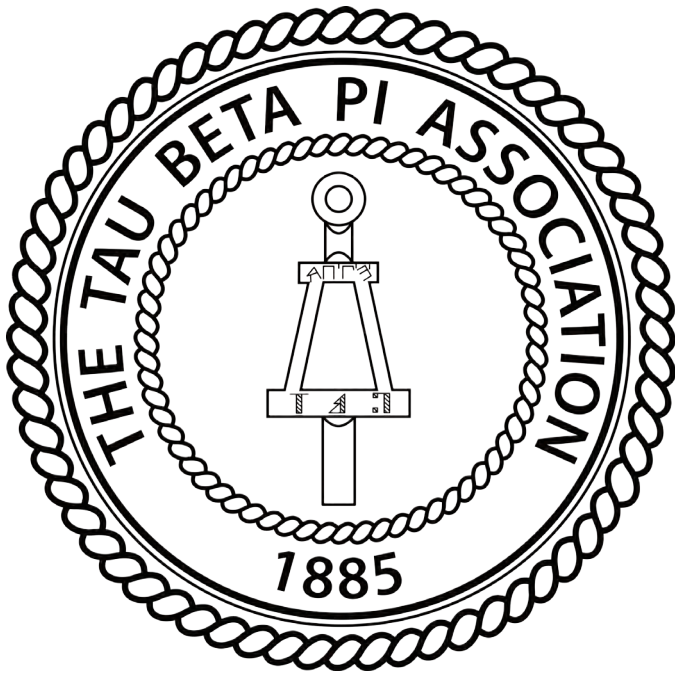
THE TAU BETA PI YELL (*modern*)

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**