



For Immediate Release
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Tau Beta Pi Awards 40 Fellowships

The Fellowship Board of **Tau Beta Pi**, the engineering honor society, announces the selection of 40 young engineering students from 177 applicants for graduate fellowships in 2013-14. Twenty-seven of this year's recipients will receive cash stipends of \$10,000 for their advanced study; the others do not need financial aid from Tau Beta Pi. More than \$5,700,000 in stipends will have been given by the Society when this 80th group of fellows completes its graduate work. All Tau Beta Pi Fellowships are awarded on the competitive criteria of high scholarship, campus leadership and service, and promise of future contributions to the engineering profession. All fellows are members of Tau Beta Pi and may do their graduate work at any institution they choose.

Eight of the recipients will study mechanical engineering, seven civil or environmental engineering, five biomedical engineering, five electrical or computer engineering, three aeronautical or aerospace engineering, three chemical engineering, and three materials science & engineering. The others have chosen to study cryptography, finance, industrial & manufacturing systems engineering, mathematics, nuclear engineering, and orthotics & prosthetics.

Tau Beta Pi was founded at Lehigh University in 1885. It has collegiate chapters at 241 engineering colleges in the United States and active alumni chapters in 28 cities. It has initiated more than 541,000 members in its 128-year history and is the world's largest engineering society.

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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 to progress 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.

These awards bring the total to 1,501 fellowships granted since the program was inaugurated in 1929.

(See attached for names of 2013-14 fellows.)

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TAU BETA PI FELLOWS FOR 2013-2014

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