

## Tau Beta Pi Awards 32 Fellowships

The Fellowship Board of **Tau Beta Pi**, the engineering honor society, announces the selection of 32 engineering students from 351 applicants for graduate fellowships in 2023-24. All of this year's recipients will receive cash stipends of \$10,000 for advanced study. More than \$8,600,000 in stipends will have been given by the Association when this 90<sup>th</sup> group of fellows completes its graduate work. These awards bring the total to 1,799 fellowships since the program began in 1929. 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.

This year's recipients will study various fields of engineering and science, including biomedical (4), mechanical (4), medical (3), aerospace (2), bioengineering (2), and chemical (2). The others have chosen to study aerospace and astronautical engineering, artificial intelligence, biological engineering, biological systems engineering, chemical and biological engineering, chemical and biomolecular engineering, computer science, electrical and computer engineering, engineering sustainable development, global affairs and leadership, industrial and systems engineering, materials science and engineering, medicine, neural computer engineering, and renewable energy.



Sara B. Aboeleneen



Kavin Anand



Giorgia Cannici



Dominic E. Davis



Aditi Pattabhiraman



Benjamin N. Richardson

- The **Anderson Fellowships** are named for Mabel E. and Marshall Anderson, *MI Gamma '32*, who was Tau Beta Pi Fellow No. 19 and left a bequest to the Society in 2005.
- The **Brandt Fellowship** is made possible thanks to a gift by Larry D. Brandt, *OR Alpha '67*, which will permanently endow a fund in support of TBP member graduate studies.
- Given for the 38<sup>th</sup> time, the **Centennial Fellowship** honors the Society's most outstanding fellow and commemorates Tau Beta Pi's 100th anniversary.
- The **Dodson Fellowship** is sponsored by the late Charles R. Dodson, *MD Beta '30*, who made a gift to the Association in 1998 and 1999.
- The six **James Fife Fellowships** are presented in memory of the father of the late member William Fife, *CA Alpha 1921*.
- The **Forge Fellowship** is named for Charles O. Forge, *CA Gamma '56*, who left a bequest in 2010.
- The **Hennis Fellowship** is awarded for the 4<sup>th</sup> time thanks to a generous gift from Lee A. Hennis, *CA Delta '65*, to continue mentoring young engineers.
- The **Harold M. King Fellowship**, awarded for the 62<sup>nd</sup> time, honors the 1954-58 president of TBP, Harold M. King, *MA A 1910*, and is given to that recipient whose participation in his/her technical society is judged worthy of special mention.

Tau Beta Pi is The Engineering Honor Society, founded at Lehigh University in 1885. With 255 collegiate chapters and 50 active alumni chapters, it has initiated over 630,000 members in its 138-year history and is the world's largest engineering society (see [www.tbp.org](http://www.tbp.org)). Contact Wilhelmina Hill-Bearhs ([w.hill-bearhs@tbp.org](mailto:w.hill-bearhs@tbp.org)) for more details.

- The **Matthews Fellowship** is awarded in honor of R.C. “Red” Matthews, *IL Alpha 1902*, who served as Secretary and Secretary-Treasurer from 1905-47 and as Secretary-Treasurer Emeritus in 1947-78.
- The **Nagel Fellowship** is given in honor of Robert H. Nagel, P.E., *NY Delta '39*, for his service as Editor and Secretary-Treasurer from 1942-82 and as Secretary-Treasurer Emeritus in 1982-97.
- The **Record Fellowships** commemorate Leroy E. Record, *KS Alpha '29*, whose generous bequest will provide earnings to support awards in perpetuity.
- The **Sigma Tau Fellowship**, given for the 49<sup>th</sup> time, perpetuates the name of Sigma Tau, a national engineering honor society founded at the University of Nebraska in 1904 and merged with 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 68<sup>th</sup> time. Named for Tau Beta Pi’s president from 1936-47, Charles H. Spencer, *IL Beta 1913*, it is awarded to that recipient whose contributions to his/her collegiate chapter are judged worthy of commendation.
- 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 **Swalin Fellowship** is named in honor of Helen M. and Richard A. Swalin, Ph.D., *MN Alpha '52*. Dr. Swalin and his wife left a bequest in 2015 to support TBP scholarships and fellowships.
- The **Tau Beta Pi Fellowships** are supported by matching gifts from companies as part of the alumni giving program.
- The **Edward H. Williams Jr. Fellowship**, awarded for the 44<sup>th</sup> 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, *PA Alpha 1875*.
- The **Zimmerman Fellowship** is named for Marlin U. Zimmerman Jr., *MD Alpha '44*, who left a bequest in 2011.

Fellowship	Recipient	Graduate Institution	Field of Study
Fife No. 243	Sara B. Aboeleneen, <i>TN A '20</i>	University of Delaware	Biomedical Engineering
Williams No. 44	Hrithik R. Aghav, <i>AZ A '23</i>	Stanford University	Mechanical Engineering
Sigma Tau No. 49	Sarah E. Altman, <i>NE A '23</i>	Harvard-MIT	Medical Engineering
Nagel No. 26	Rocky An, <i>NY Δ '23</i>	Stanford University	Bioengineering
Spencer N. 68	Kavin Anand, <i>CA Γ '23</i>	Stanford University	Computer Science
Fife No. 244	Zoe I. Barinaga, <i>FL A '23</i>	Katholieke Universiteit Leuven	Artificial Intelligence
Matthews No. 26	Christianos Burlotos, <i>IN Γ '18</i>	University of Cambridge	Eng'g Sust. Develop.
Fife No. 242	Giorgia Cannici, <i>VA B '25</i>	Virginia Tech	Biological Systems Eng'g
Tau Beta Pi No. 840	Jonathan Chen, <i>OH A '21</i>	University of Vermont	Bioengineering
Dodson No. 10	Matthew D. Chertok, <i>FL A '23</i>	Princeton University	Chemical & Biol. Eng'g
Record No. 40	Gavin R. Clausman, <i>AL Γ '23</i>	Purdue University	Aerospace Engineering
Fife No. 240	Elizabeth J. Contreras, <i>CA Ψ '22</i>	Tufts University	Biomedical Engineering
Stark No. 44	Andrew C. Couch, <i>AL Δ '22</i>	Stanford University	Industrial & Sys. Eng'g
Zimmerman No. 12	Daniel A. Dailey, <i>KY A '23</i>	Columbia University	Chemical Engineering
Record No. 36	Dominic E. Davis, <i>DC A '23</i>	Johns Hopkins University	Biomedical Engineering
Fife No. 241	Catherine M. Della Santina, <i>MA H '20</i>	MIT	Biological Engineering
Record No. 39	Santiago Diaz-Arauzo, <i>TX A '20</i>	Northwestern University	Materials Sci. & Eng'g
Centennial No. 38	Reese A. Dunne, <i>MS A '22</i>	Stanford University	Mechanical Engineering

Record No. 37	Lauren E. Eccles, <i>TN A '22</i>	University of Florida	Chemical Engineering
Anderson No. 21	Antony A. Fuleihan, <i>MA E '21</i>	Johns Hopkins University	Medicine
Tau Beta Pi No. 841	Aurora L. Greane, <i>IL Γ '22</i>	Georgia Institute of Technology	Biomedical Engineering
Brandt No. 2	Daniel Krashin, <i>GA B '23</i>	Stanford University	Renewable Energy
Anderson No. 22	Emma R. Letourneau, <i>NV B '21</i>	University of Nevada, Las Vegas	Mechanical Engineering
King No. 62	Trupti Mahendrakar, <i>AZ Δ '18</i>	Florida Institute of Technology	Aerospace Engineering
Forge No. 11	Alana M. Mermin-Bunnell, <i>CA Γ '23</i>	Harvard-MIT	Medical Engineering
Record No. 38	Victoria N. Messuri, <i>OH Λ '23</i>	Rice University	Chem. & Biomolecular Eng'g
Swalin No. 7	Kester M. Nucum, <i>TN Γ '23</i>	Mississippi State University	Electrical & Comp. Eng'g
Fife No. 239	Savan K. Patel, <i>PA Δ '23</i>	Harvard-MIT	Medical Engineering
Record No. 41	Aditi Pattabhiraman, <i>NY I '23</i>	Stanford University	Aero. & Astro. Eng'g
Tau Beta Pi No. 842	Vishwanatha M. Rao, <i>NY A '23</i>	Columbia University	Global Affairs & Leadership
Hennis No. 4	Benjamin N. Richardson, <i>NY K '21</i>	Carnegie Mellon University	Neural Comp. Eng'g
Record No. 42	Michael D. Walker, <i>MD Γ '18</i>	Princeton University	Mechanical Engineering