

Tau Beta Pi Announces 2022 Outstanding Advisor Monica M. Burdick, Ph.D.

Knoxville, TN— Tau Beta Pi, The Engineering Honor Society, has named its 28th Outstanding Advisor. The award honors engineering faculty and practitioners who make important contributions to students and collegiate chapters.

Monica M. Burdick, Ph.D., *NY Kappa '98*, nominated by *OH Delta* at Ohio University, **has been named the 2022 TBP Outstanding Advisor**. She will receive \$1,000, a commemorative plaque, and a \$1,000 grant will be presented to the Ohio University Russ College of Engineering and Technology's discretionary fund.

Established in 1996 by the Association, the Outstanding Advisor Award recognizes outstanding performance among chapter advisors and lauds excellence in engineering education and in the ethical practice of engineering.

Her biography follows:



Dr. Burdick has served as Chief Advisor to the OH Delta Chapter since 2012. During that time, she has been committed to developing and expanding the chapter's reach and helping Tau Beta Pi become one of the most integral parts of Russ College.

She earned a B.S. in chemical engineering from the University of Rochester and a Ph.D. in chemical and biomolecular engineering from Johns Hopkins University. Dr. Burdick joined Ohio University in 2007 and prior to that was a postdoctoral research associate at the Brigham and Women's Hospital (MA).

Her service to the Association began with initiation into the NY Kappa Chapter in 1996 as an undergraduate student and served as president of the chapter during the 1997-98 school year. Recently, Dr. Burdick began serving as a volunteer reviewer for the TBP Scholarship Program.

In addition to her role as an associate professor, she leads a biomedical engineering research group at Russ College where she shares her passion for mentoring and advising students personally and professionally inside and out of the classroom.

At Ohio University, she mentors numerous Ph.D. and M.S. students in her research group but has also mentored nearly 40 undergraduate researchers. Mentoring in this context is a multi-year commitment, as she personally instructs students in lab techniques and teaches them to plan experiments, analyze data, and prepare presentations and papers. Her undergraduate researchers present at national meetings, co-author peer-reviewed publications, and participate in international collaborations. Last year, several of her past students nominated her for a mentoring award from the Women's Initiative Committee for AIChE.

She has previously been recognized with the 2014 Excellence in Education Award from the *Ohio Magazine*, 2016 and 2020 Ohio University Cutler Scholars Outstanding Mentor Award, and for leading the OH Delta Chapter to receive a TBP Chapter Excellence Award for three consecutive years (2020-22).

In a letter of recommendation for this award, the Russ College dean cited Dr. Burdick's contributions to the entire college community through the work of the OH Delta Chapter at career fairs and other service events and for "creating a wealth of opportunities for students to grow and flourish."

Tau Beta Pi is The Engineering Honor Society, founded at Lehigh University in 1885. With 251 collegiate chapters and 47 active alumni chapters, it has initiated nearly 618,000 members in its 136-year history and is the world's largest engineering society (see www.tbp.org). Contact Wilhelmina Hill-Bearhs (whillbearhs@tbp.org) for more details.