



### *Message from Laurie Adams, President, TSPE*

As we move toward the end of the fiscal year, I want to thank the TSPE Board for all of their hard work throughout another challenging year. We were able to hold some chapter events in person, but Engineers Week 2022 was again held virtually. The Young Engineer of the Year (James Burtnett-Grigsby) and Engineer of the Year (Vince DiPofi) were honored in a small ceremony hosted by SSOE. Our Chapter was able to hold a live Mathcounts event – the only chapter in the state - while also holding a virtual event. This allowed our Chapter to send even more students to the state competition. The new Board of Directors were recently voted into office and planning for the 2022-2023 Fiscal Year will begin soon. We are excited to receive new members as our Chapter boundaries grow. It has been a great term as President, and I look forward to serving the Board in the year to come.

### **2022 Board Meetings**

TSPE board meetings are held in person with the option to join virtually. We are excited to be able to meet in person once again and are glad to make the opportunity for virtual attendance available. Our next meeting will be Tuesday, July 12th at 4:30 pm at DGL Consulting Engineers (3455 Briarfield Blvd. E, Maumee).

### **New Officers Elected**

At our May meeting, TSPE elected our next slate of officers for the term beginning in July. Congratulations to:

President: Bernadette Caris,  
President-Elect: Ahmed Hamid, PE  
State Representative: Fred Tito, PE  
Secretary: Adrienne Taylor, PE  
Treasurer: Trent Hathaway, PE  
First Past President: Laurie Adams, PE  
Second Past President: James Gonya, EI

### **Chapter Officers 2021-22**

President – Laurie Adams, PE  
President-Elect – Bernadette Caris  
State Rep – Fred Tito, PE  
Treasurer – Trent Hathaway, PE  
1st Past President – James Gonya, EI  
2nd Past President – Vincent DiPofi, PE

### **Trustees 2020-22**

Joe Cherry, PE  
Douglas Nims, Ph.D., PE  
Mike Pniewski, PE  
Richard Springman, PE

### **Trustees 2021-23**

James Burtnett-Grigsby, PE  
Ariya Fathi, EI  
Ahmed Hamid, PE  
Dean Michael Toole, Ph.D., PE

### **Student Chapter President**

Trey Neumann

### **TSPE Board Meetings 4:30 pm**

July 12th, 2022  
August 2nd, 2022  
September 6th, 2022  
October 4th, 2022  
November 1st, 2022  
December 6th, 2022  
January 3rd, 2023  
February 7th, 2023  
March 7th, 2023  
April 4th, 2023

New Trustees were also elected for a term from 2022-2024:

Joe Cherry, PE  
Douglas Nims, Ph.D., PE  
Mike Pniewski, PE  
Richard Springman, PE

Travis Rhodes was also appointed to a one-year term to fill the vacancy left by Ahmed Hamid's election as President-Elect. This year's nominating chair was First Past President James Gonya.



## 2022 Engineers Week

Every day, engineers create new possibilities in the world through their work. This year's Engineers Week theme, "Reimagining the Possible," recognizes the role of engineers across the nation and our E-Week activities celebrated our local efforts.

Though our signature luncheon was held virtually again, it was no less celebratory. First Past President James Gonya hosted the event, which began a message from Adam Hoff, Past President Toledo Section of the American Society of Civil Engineers. The event continued with a presentation of scholarships to three local students pursuing engineering degrees:

- Joshua Hamlin, a third-year student in Computer Science and Engineering at the University of Toledo.
- Lauren Bachman, a senior at the University of Toledo majoring in Chemical Engineering with a minor in Business.
- Brooke Sternberg, an undergraduate senior in Electrical Engineering at the University of Toledo.

A video from the presentation of the Engineer of the Year and Young Engineer of the Year awards was shared. Toledo Mayor Wade Kapszukiewicz gave remarks and proclamations from various dignitaries, including the mayor, Ohio Governor Mike DeWine, local state representatives, and Senator Sherrod Brown were read.

TSPE President Laurie Adams presented the Young Engineer of the Year award to James Burnett-Grigsby, PE, a chemical process engineer at SSOE. Burnett-Grigsby graduated with a Bachelor of Science in Chemical Engineering and a minor in Chemistry in 2011 and earned his PE in 2016. He is a TSPE trustee, serves on the Engineers Week Committee, volunteers with MATHCOUNTS and at mock interviews, and is a member of the National Society of Professional Engineers.

Selection Committee Chair Tom Uhler presented the Engineer of the Year award to Vince DiPofi, PE, the CEO of SSOE. DiPofi is a highly involved member of TSPE, who has served in various board positions through the years and currently serves as Second Past President. He sits on the boards of the United Way of Greater Toledo and the American Heart Association of Northwest Ohio, and serves as Director of ConnecToledo, the non-profit downtown Toledo development corporation. He has over 40 years of professional experience and holds a PE in both Ohio and Michigan. In 1991, he won the Young Engineer of the Year award.



*DiPofi (left) and Burnett-Grigsby*

An inspiring video presentation followed from Dr. Marla Pérez-Davis, Director of NASA's John H. Glenn Research Center in Cleveland. Dr. Pérez-Davis earned her Master's Degree from the University of Toledo and her Doctorate in Chemical Engineering from Case Western Reserve. She spoke about the ways in which NASA reimagines the possible every day to drive research, advance aviation, improve life on Earth, and expand human knowledge. She also spoke about NASA's Artemis program, which will land the first woman and the first person of color on the moon as a stepping stone to future manned missions to Mars and the Glenn Center's specific contributions to aerospace innovation and critical position in the state and national aerospace economy. A recording of the full luncheon is available on the TSPE website.

It is important to take time to reflect on the work we do as engineers, creating new possibilities and changing how we live. We recognize the challenges our fellow engineers face in our work and honor the ways we create solutions—from natural disaster cleanup to information systems, efficient energy production to clean water, and transit infrastructure to food production. Thank you, TSPE members, for your work both during Engineers Week and all year round!



### **2022 Mathcounts**

The Toledo Chapter's Mathcounts competition was held virtually on February 17th. Mathletes from all over the area participated, and the results are in for the individual and team competition. Congratulations to our local winners who advanced to the state competition on March 31st!

	Competition	Qualifier	School	Coach
1	Virtual	Simon K Deng	Perrysburg JHS	Cassandra Hemmelgarn
2	Virtual	Daniel Lee	Arbor Hills JHS	Julie Young
3	Virtual	Henry Shao	Timberstone JHS	Gail Brenner
4	Virtual	Rohan A Padhye	Ottawa Hills JHS	Diane Drabek
5	Bonus Team	Allan Zhang	Maumee Valley Country Day	Julie Shuman
6	Bonus Team	Robbie Zhang	Maumee Valley Country Day	Julie Shuman
7	Bonus Team	Jacob Howard	Maumee Valley Country Day	Julie Shuman
8	Bonus Team	Anthony Tam	Maumee Valley Country Day	Julie Shuman
-	Bonus Team	Henry Shao*	Timberstone JHS	Gail Brenner
9	Bonus Team	Daniel Yun	Timberstone JHS	Gail Brenner
10	Bonus Team	Jacob Knect	Timberstone JHS	Gail Brenner
11	Bonus Team	Catherine Zheng	Timberstone JHS	Gail Brenner
12	Bonus Not on Team	Pranathi Gundabolu	Ottawa Hills Elementary	Jennifer Griffin

## News from Campus

Richard Springman, P.E.

It has been my pleasure to continue to serve as the advisor to the University of Toledo Society of Professional Engineers and to act as the liaison between the students and their TSPE parent chapter.

The past two years have presented a unique challenge to student organizations as campus Covid safety precautions have prevented in-person meetings of students. With the relaxation of those precautions for the current academic year, the students have made a concerted effort to resume more normal activities. Their first step was to elect officers for the current year:

President: Trey Neumann (EET)  
 Vice President: Kobe Stillberger (EET)  
 Secretary: Mitchell Adams (CSET)  
 Trustees: Wyatt Craig (EET)  
 Gavyn Richardson (CSET)  
 Garrett Whitlock (EET)



After establishing a biweekly meeting time, the group began to explore presentation topics and activities for the academic year. The first of those was a meeting with Laurie Adams, P.E., TSPE President and Managing Principle, DGL Consulting Engineers. That was followed by two topics that were presented by Trey Neumann, one on networking and the second on micro-robotics on April 18.

On April 8, the College of Engineering hosted an Honors Convocation and Order of the Engineer ceremony. All graduating seniors for the spring and summer semesters were invited to participate in the Order of the Engineer. I conducted the induction ceremony in which approximately 150 students received their engineer's rings. I was assisted by UTSPE President Trey Neumann and members Kobe Stillberger and Mitchell Adams.

During this spring semester, I made presentations on Professional Registration for Engineers to three classes: ENGT 1000 Engineering Technology Orientation (26 students), ENGT 2000 Professional Development (51 students) and ENGT 4050 Senior Technology Capstone (86 students). Trey Neumann accompanied me on my visit to ENGT 1000 to explain the activities of UTSPE.

On Friday, April 29, the College of Engineering hosted the Senior Design Exposition. The purpose of this exposition is to showcase the student projects in the various senior design classes. This semester there were 63 projects presented by the students from the various engineering departments. This event is open to the public and is an excellent opportunity to see first-hand some of the innovative work of the engineering students. The students are excited and eager to share their work. If you missed this semester's expo, put it on your calendar for fall semester (December 9, 2022).

### Highlight on Engineering Students: Trey Neumann

Richard Springman, P.E.

The current president of the University of Toledo Society of Professional Engineers (UTSPE) is Trey Neumann, who is a senior in a program leading to the degree Bachelor of Science in Electrical Engineering Technology. He is a graduate of Genoa Area High School, where he was a member of the wrestling team and for which he continues to serve as a volunteer assistant wrestling coach. He was able to get a head start on his college studies by taking courses at Owens Community College while still in high school.

In choosing a career path, he wanted to pursue something that would allow him to make a difference in the lives of others. He considered architecture, aerospace and applied geology. Following his high school graduation, he began his collegiate career at West Virginia University, where he enrolled in the Petroleum and Natural Gas Engineering program. WVU offers one of only four such programs in the US that are ABET accredited. In his freshman orientation class, presentations were made on the various majors available within engineering. He was particularly impressed with Electrical Engineering Technology. He decided to change majors and, in doing so, transferred to The University of Toledo, as it was closer to home.



*Trey Neumann*

Trey has an interest in sustainable energy and the role that it will play in our future. That interest has led him to an internship at DTE Fermi 2 Nuclear Power Plant in Newport, MI, during the summer of 2018. This summer he is looking forward to an internship at GM Powertrain Toledo Transmission Operations where he will be working with the controls engineering group on prototype electric vehicles. Following that, he will return to UToledo for the fall semester and graduate in December.

In his spare time, Trey likes to stay busy. He enjoys Ultimate Frisbee and video gaming, which led him to build his own performance computer. He has been an avid skateboarder since the age of 10 and enjoys fishing, particularly during visits to his grandparents' cabin in the Upper Peninsula of Michigan. His favorite spectator sport is basketball and he follows the Cleveland Cavaliers.

Trey is the son of Amy Despones and Tim Neumann of Genoa, Ohio. He has two younger sisters.