



**Chapter Officers**

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- President Elect – James Gonya, EI
- State Representative - Travis Rhoades, PE
- Secretary - Alexandra Anhwere, PE
- Treasurer - Trent Hathaway
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- 2nd Past President – Open
- (2018-20) - Trustees
  - Amy Zimmerman, PE
  - Douglas Nims, PhD, PE
  - Joe Cherry, PE, F.NSPE
  - Richard Springman, PE
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  - Bernadette Caris, EI
  - Ariya Fathi, EI
  - Ahmed Hamid, PE
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- Membership & Growth - James Gonya
- Student Chapter President - Jennifer Abney
- Records - Justin Fleming



**Message from: Vince DiPofi, PE, President, TSPE**

Welcome to our 4<sup>th</sup> Quarter 2019 newsletter! Our TSPE board has been meeting since July, and we are off to a running start with October and November chapter meetings that have a strong technical focus. The E-week committee has selected our speaker already----look for an announcement soon! We've added several new members to the board this year, bringing us new energy to the team.

I encourage each of you to consider attending one of our chapter meetings. They give you CEU credits and a great opportunity to network with your colleagues.

**University of Toledo Engineering  
Technology Takes the Wheel Seminar Series**

The University of Toledo College of Engineering and AAA of Northwest Ohio share a common interest in the development of autonomous vehicle technology and the future potential impact on society, business, and government. In partnership, they began a series of seminars focusing on autonomous vehicles and their impact on the engineering world and the world-at-large. College of Engineering Dean Mike Toole stated, "We felt strongly that we had an opportunity, and perhaps an obligation, to educate the general public on this emerging technology. When the Technology Takes the Wheel (TTTW) seminar series began in February 2018, we sought to engage with transportation stakeholders, elected public officials, metropolitan government agencies and planning organizations, DriveOhio, professional engineers, engineering students, and business leaders to begin thinking about what they need to do to prepare for the eventual deployment of autonomous vehicles and the wide-ranging impact it will have in our communities."

In conjunction with the next seminar, the College of Engineering's Senior Design Expo will immediately follow the seminar from 10 a.m. to 1 p.m. Seminar attendees are encouraged to walk through the expo in Nitschke Hall as they leave. Senior engineering students will be displaying and discussing their capstone projects, many of which will follow the theme of autonomous vehicles.



**2019-20 Board Meeting Schedule  
4:30pm UT N. Engineering Conf. Rm.**

- September 4, 2019
- October 1, 2019
- November 5, 2019
- December 3, 2019
- January 7, 2020
- February 4, 2020
- March 3, 2020
- April 7, 2020
- May 5, 2020
- July 9, 2020 (Planning Meeting)

**University of Toledo Engineering  
Technology Takes the Wheel Seminar Series (continued)**



The 7<sup>th</sup> seminar in the free TTTW series will take place in the Nitschke Auditorium on December 6, 2019, from 8-10 a.m. (with complimentary continental breakfast beginning at 7:30 a.m.) on the topic of **Preparing your Workforce for the Future**. This free, 2-hour seminar will feature key speakers Dr. Jack Marchbanks, Director of the Ohio Department of Transportation, and Mr. Rich Granger, Managing Director of Workforce Development, DriveOhio. Following the key speakers, they will be joined by panelists Sonny Hamizadeh, AIA, SSOE Group, Justin Morgan, Chair of Automotive Technology, Sinclair Community College, and Bob Kazmierczak, Director AAR & CSN Central Region, AAA Club Alliance, for questions from the audience. Two CPD credits are available for this seminar. Further information and free registration can be found at <http://www.utoledo.edu/engineering/techtakesthewheel.html>.

**Engineers Week 2020**

**Mon. February 16 thru Sat. February 22**

National Engineers Week is a celebration of the importance of the engineering profession implemented by the National Society of Professional Engineers (NSPE). This year's theme is "Pioneers of Progress."

National Engineers Week has been celebrated since 1951 in conjunction with the birthday of our first President, George Washington, who is considered our nation's first engineer. The purpose of the week-long celebration is to call attention to the crucial contributions engineers make to society as well as emphasize the importance of education in the fields of math, science, and technical skills.

The Toledo Society of Professional Engineers (TSPE) is a proud supporter of National Engineers Week. To this end, TSPE, cooperates with other local, state, and national engineering societies to "hold paramount the safety, health, and welfare of the public" and for the advancement of the public welfare and the promotion of the professional, social, economic, and scientific interests of the Professional Engineer and Surveyor..

We are fortunate to have widespread involvement in the Toledo area, both during and leading up to Engineers Week. TSPE representatives will be visiting second-grade classrooms to discuss engineering as part of the "Pioneers of Progress." program, which includes a coloring contest for the students.

**Mon. Feb.17, 2020**

- Celebratory Luncheon

**Tue. Feb.18, 2020**

- Engineer for a Day

**Thu. Feb.20, 2020**

- "Girl Day"

**Thu. Feb.20, 2020**

- Engineers Banquet

Local high school students will have the opportunity to observe engineers at work during "Engineer for a Day" on Tuesday, February 18, 2020, with the help of engineering professionals and businesses from around the area. UT will host Girl Day on Thursday, February 22, 2020, with assistance from local women engineering professionals.

We will reveal our local 2020 Engineer of the Year and Young Engineer of the Year award winners at our celebratory luncheon held at Parkway Place in Maumee, on Monday, February 17, 2020. We wrap up our celebration of Engineers Week with our annual banquet, returning to Parkway Place, Maumee, Ohio, on Thursday, February 20, 2020. We're excited to welcome William Gurstelle as our keynote speaker. Named to Wired Magazine's Smart List, Mr. Gurstelle is a bestselling author, DIY expert, and professional speaker. The title of his presentation will be "The Art of Living Dangerously." He will explain and explore personal and professional risk taking. We invite you to join us in celebrating the engineering profession by participating in our Engineers Week activities. Look for more follow-up soon.



**OPEN: CALL FOR ENGINEER OF THE YEAR NOMINATIONS**

As you know, one of the traditions of the Toledo Engineers Week (February 16-22, 2020) observance is the honoring of a local engineer as Engineer of the Year. Don't one or more members of your organization deserve to be named "Engineer of the Year"?

In order to qualify for nomination for Engineer of the Year, a candidate must:

1. Be nominated by a technical or professional society or corporation
2. Be a graduate and/or registered professional engineer
3. For the past 5 years, be a resident of the Toledo/Northwest Ohio Area (Lucas, Hancock, Allen, Wood, Defiance, Sandusky, or Seneca County)

Candidates will be judged in seven categories: technical knowledge, professional interest and habits, personal character, leadership, public relations, civic spirit and contributions to the community, state, and/or nation. The submitted nomination package (including resume) should address each of the seven categories listed above. Documentation and letters of recommendation are strongly encouraged.

Re-nomination of candidates from previous years is welcome.

**Please submit nomination packages no later than Monday, December 30, 2019 to:**

EOY Nomination  
c/o TTL Associates, Inc.  
1915 N. 12<sup>th</sup> Street  
Toledo, Ohio 43604

## Chapter Meetings

Friday, October 18, 2019



Dr. Mohammad Elahinia, Chair of Mechanical Industrial and Manufacturing Engineering, presented about NiTi shape memory and super elastic devices: a new paradigm for biomimetic devices.

Friday, November 15, 2019



Dr. Vijay Goel, Distinguished University Professor, discussed Collaboration Among Surgeons and Engineers Essential for Innovative Technology & Research to Address Spinal Disorders

### University of Toledo Honors Vince Dipofi



TSPE Board President Vince DiPofi, PE, was honored by the University of Toledo as a 2019 College of Engineering Distinguished Alumni.

Vince accepted his award from the University of Toledo Dean of Engineering Mike Toole on October 4th during the UT Alumni Association's Annual Homecoming Gala. Vince is a 1985 graduate of UT's College of Engineering, where he earned a Bachelor of Science in Mechanical Engineering. TSPE would like to extend our congratulations to Vince on this well-deserved

### MATHCOUNTS



TSPE in partnership with the University of Toledo College of Engineering administers our popular and respected Toledo Chapter MATHCOUNTS Program. MATHCOUNTS is a national STEM program with the objective of motivating middle school students in mathematics and stimulating them towards technology-related careers. This year over twenty schools, involving around 200 students, will be participating in our local competition. Our MATHCOUNTS competition will occur on **February 1, 2020 at Nitschke Auditorium on the UT College of Engineering campus.**

Tuesday, December 3, 2019

Toledo (Perrysburg)

#### CONTACT

Chett Siefing, P.E., President  
Engineers Foundation of Ohio  
614-223-1177  
[efo@ohioengineer.com](mailto:efo@ohioengineer.com)

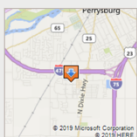
#### WHEN

Tuesday, December 3, 2019  
from 8:00 AM to 4:00 PM EST  
[Add to Calendar](#)

#### WHERE

Hilton Garden Inn Toledo  
Perrysburg  
6165 Levis Commons Blvd.  
Perrysburg, OH 43551

Ph. # 419-873-0700



[Driving Directions](#)

#### REGISTRATION

- Regular Fee (non-OSPE member), \$190
- OSPE Member Fee (30% off), \$133



ENGINEERS  
FOUNDATION OF OHIO  
December Seminar Series

## The Engineer's Project Management Toolbox

6.0 CPD Hours  
including  
2 Hours of Professional Ethics



### OSPE December Seminar Series

#### The Engineer's Project Management Toolbox

Register now to earn 6 CPD hours (including 2 hours of professional ethics) for your PE license renewal at the Hilton Garden Inn Toledo-Perrysburg, 6165 Levis Commons Blvd. Perrysburg, OH 43551 This program is also worth 6 hours of credit for Project Management Professional (PMP®) Certification or PDUs for its renewal.

REGISTRATION <http://events.constantcontact.com/register/event?llr=s8ap4tcab&oeidk=a07egmm4actf9e2f5c3>

**LEGISLATIVE & GOVERNMENT AFFAIRS: 133RD OHIO GENERAL ASSEMBLY**

# OSPE tracks bills of interest to PEs

<b>REDUCE REGULATORY RESTRICTIONS, House Bill 115 (Riedel, Roemer) &amp; Senate Bill 1 (McColley, Roegner)</b>	To require certain agencies to reduce the number of regulatory restrictions.	<u>Status:</u> HB 115: 4/10/2019 - House State and Local Government (2nd Hearing). SB 1: 6/12/2019 - House State and Local Government (1st Hearing)
<b>MILITARY-TEMPORARY LICENSURE, House Bill 133 (Perales, Weinstein), Senate Bill 7 (Lehner, Hackett)</b>	To require state occupational licensing agencies, under certain circumstances, to issue temporary licenses or certificates to members of the military and spouses who are licensed in another jurisdiction and have moved to Ohio for military duty.	<u>Status:</u> HB 133: 10/2/2019 - Senate Transportation, Commerce & Workforce (1st Hearing). SB 7: 11/6/2019 - Consideration of House Amendments; Vote 0-33, Senate does not concur
<b>INDEMNITY PROVISIONS, House Bill 159 (Blessing)</b>	To regulate the use of indemnity provisions in professional design contracts related to public improvements.	<u>Status:</u> 4/30/2019 - House Civil Justice (2nd Hearing). <u>Position:</u> Support
<b>OPERATING BUDGET, House Bill 166 (Oelslager)</b>	To make operating appropriations for the biennium (7/1/19-6/30/21) and to provide authorization and conditions for the operation of state programs.	<u>Status:</u> 7/18/2019 - Signed by Governor; effective immediately
<b>AMUSEMENT RIDE SAFETY, House Bill 189 (Patterson, Blessing)</b>	To revise the laws governing amusement ride operation and safety, to designate this act as "Tyler's Law," and to declare an emergency. <i>Adds a PE to the safety advisory council.</i>	<u>Status:</u> 11/6/2019 - Signed by Governor; effective immediately <u>Position:</u> Support
<b>OCCUPATIONAL LICENSE-APPRENTICESHIP, House Bill 258 (Powell)</b>	To require a licensing authority to issue an occupational license to an applicant who completes a registered apprenticeship program and meets other requirements for licensure.	<u>Status:</u> 6/5/2019 - House Economic and Workforce Development (1st Hearing). <u>Position:</u> Oppose
<b>OCCUPATIONAL LICENSING-CRIMINAL CONVICTIONS, House Bill 263 (Koehler)</b>	To revise the initial occupational licensing restrictions applicable to individuals convicted of criminal offenses.	<u>Status:</u> 11/6/2019 - House Commerce and Labor (3rd Hearing). <u>Position:</u> Oppose
<b>CONTRACTOR PAYMENT DEADLINE, House Bill 380 (Cross, Sweeney)</b>	To require owners of construction projects to pay a contractor within 35 days of receiving a request for payment	<u>Status:</u> 11/6/2019 - House Commerce and Labor (1st Hearing).
<b>INTERIOR DESIGN EXAMINERS BOARD, House Bill 402 (Lang, Sweeney)</b>	To create the Ohio Interior Design Examiners Board to certify and regulate interior designers.	<u>Status:</u> 11/7/2019 - Introduced
<b>STATEWIDE WATERSHED PLANNING, Senate Bill 2 (Peterson, Dolan)</b>	To create a statewide watershed planning structure for watershed programs to be implemented by local soil and water conservation districts.	<u>Status:</u> 10/16/2019 - House Energy and Natural Resources (1st Hearing).
<b>SCHOOL FACILITIES ASSISTANCE, Senate Bill 4 (Rulli)</b>	To make a capital appropriation for school facilities assistance.	<u>Status:</u> 7/23/2019 - Re-referred to committee
<b>PUNITIVE / EXEMPLARY DAMAGES LIMITATION EXEMPTIONS, Senate Bill 46 (Eklund)</b>	To expand the exemption from punitive or exemplary damages limitations in tort law that is related to certain felony convictions.	<u>Status:</u> 3/19/2019 - Senate Government Oversight and Reform (2nd Hearing)
<b>REGISTERED DESIGN PROFESSIONALS, Senate Bill 136 (Hottinger, Sykes)</b>	To establish a payment assurance program for registered design professionals.	<u>Status:</u> 6/18/2019 - Senate Government Oversight and Reform (1st Hearing)
<b>WORKFORCE-EDUCATION PARTNERSHIPS Senate Bill 181 (Coley)</b>	To require the Chancellor of Higher Education to create a template for workforce-education partnership programs.	<u>Status:</u> 11/6/2019 - Passed Senate (33-0)