

# DAYTON SOCIETY OF PROFESSIONAL ENGINEERS

*DEDICATED TO THE PROMOTION OF THE PROFESSION OF ENGINEERING*

## THE DAYTON ENGINEER

VOLUME 10, ISSUE 12

DECEMBER 2019

Write a Friend Month  
National Fritters Day—**2nd**  
Repeal Day—**5th**  
Pearl Harbor Day—**7th**



Bill of Rights Day—**15th**  
Maple Syrup Day—**17th**  
Christmas Day—**25th**  
New Year's Eve Day—**31st**

### IN OTHER NEWS, ENGINEERING MATTERS:

Dear Dayton Region Engineers  
(and Friends)

Greetings from your Dayton  
Chapter!

On Chapter News, your Dayton Chapter is delighted to welcome four new counties to our Dayton region: Mercer, Auglaize, Shelby, and Logan. Welcome aboard! These counties, along with Allen County formed part of the Lima Chapter. The Lima Chapter Board decided to dissolve the Chapter for a key reason: lack of membership involvement. Every professional organization struggles with this same challenge: attracting members to service. Organizations like ours

compete with other activities for your time and for your resources.

So, what is our value proposition?

Accomplishments like House Bill 189 (Tyler's Law) are the result of a concerted effort of the Ohio Society of Professional Engineers and local Chapters. Our active involvement at the Ohio General Assembly added a crucial perspective as well as language into this new Law. We are actively monitoring legislation that attempts against the engineering profession; our North Star is "to protect the public welfare, to safeguard life, health, or property". Just to mention a

few. The "harvest is plentiful, but the laborers are few". We need your involvement to sustain this outreach. If you believe we need to bring more young people into the engineering profession, consider volunteering for Imagine Engineering or MATHCOUNTS. Young children need role models like YOU! Other ways to contribute include donations to the Engineers Foundation of Ohio and to our local Chapter. These resources translate into expanded youth programs as well as scholarships. Our profession's success begins with YOU! See you at the December luncheon.

### OSPE AWARDS NOMINATION DUE DATES

Please keep these award nomination due dates in mind. These awards recognize individuals who do a great deal for the profession, but they also count for our Chapter towards our STAR Chapter award, as well. [These dates are assumed to be consistent with past years.]

#### **Due 1 February 2020:**

Meritorious Service Award  
Outstanding Engineering Student Award  
Outstanding Engineering Educator Award  
Outstanding Engineering Achievement Award  
OSPE Citation

#### **Due 31 March 2020:**

Overall National Engineers Observance Week Award  
OSPE Uncommon Engineer Award  
Legislator of the Year Award  
Professional Engineering Management Award  
Ohio New Product Award

## DSPE MATTERS



Where do you see our Engineering and Surveying professions in 5 years? 10 years?

Where do you see our State and Local Chapters in the same time frames?

Now the \$64,000 question: Where do you see yourself in the same time frame? How can you help us get to that point?

These are important questions, because they require critical thought and strategy in so many levels.

Do you enjoy helping make things happen? Do you get a real charge

out of organizing and encouraging others, maybe planning event logistics? Maybe you are of a mind to take relatively little bites of a large project and making them flow and work.

Or maybe you are a “tech” type that likes to do back stage computer work, like recording data in spreadsheets and processing that data into actionable information.

Maybe you like to work with young people and tell stories of the engineering days of yore, showing pictures that compare today’s technologies to that of a half century ago.

Maybe you are still in love with the draw of math and would like to work with our youth to transfer

that wonder and fascination to them.

If any of these fit you, or perhaps you have other strengths and would like to transfer them to another generation, we sure have a place for you to fit right in.

Our Chapter hosts a number of programs that have your name on them. You are the key to the future of engineering and transferring that vision to another generation.

Please consider your investment in engineering in our nation...and beyond...and contact any of the Chapter Board members listed below.

You can be the key!

## PLEASE KEEP IN MIND:

Meet your new DSPE Board of Directors:

President—**Aurea Rivera**

Vice President—**Winn Holcombe**

Past-President—**Richard Henry**

Treasurer—**Joseph Pokorski**

Secretary—**Jon Wheeler**

OSPE Director—**Jim**

**Montgomery**

Directors:

**Joy Amundson,**

**Wayne Grilliot,**

**Jim Kauppila,**

**Bill Nolte, and**

**Steve Schultz**

**Your Name Could Be Here!**

The **2020 All Ohio Engineers Conference and OSPE Annual meeting** will be held here in **Dayton!** We are seeking your input and assistance to develop technical and family tour ideas. If you have ideas you wish to bring forward, and even better, if you

would like to help, please contact Aurea Rivera, at [aurea.rivera@imarean.com](mailto:aurea.rivera@imarean.com).

Please contact Aurea Rivera for MATHCOUNTS or Jon Wheeler for *ImagineEngineering* 2nd Grade Coloring Contest opportunities.

*ImagineEngineering* program is underway. Please contact Jon Wheeler if you would like to talk to a 2nd grade class about engineering, [jon.wheeler@yahoo.com](mailto:jon.wheeler@yahoo.com).

This year’s MATHCOUNTS competition will be held 22 February 2020 at the University of Dayton. Volunteers are needed for Proctors, Scorers, and Registration. Please contact Aurea Rivera at [aurea.rivera@imarean.com](mailto:aurea.rivera@imarean.com) for details.

**OSPE Engineering Awards:** The Dayton Society of Professional Engineers is soliciting nominations for the ten OSPE awards, listed on the previous page, shown grouped by the date which the nomination is due to OSPE. If you are interested in submitting, please contact Vice President Winn Holcombe at:

YOU can make a huge difference in our profession by actively engaging in the awards process. Please consider submitting a nomination today!

## DECEMBER DSPE MEETING—12 DECEMBER 2019

The December 2019 DSPE Chapter meeting will be on 12 December from 12:00 noon to 1:30 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. Mr. Clint Chapman, Global Sales Team, Yaskawa America Inc., Motoman Robotics Division, will discuss “**Non-Welding Applications for Robotic Automation**”.

A buffet lunch will be served. The cost is \$20 for members, \$30 for

nonmembers and \$10 for students. Attendees will receive one (1) Professional Development Hour (PDH).

Those wishing to attend should make your reservations no later than Tuesday, 10 December 2019 with Ed Schlaack by email at [SchlaackE@mcOhio.org](mailto:SchlaackE@mcOhio.org) or by phone at (937) 781-2632 (office).



## JANUARY DSPE MEETING—9 JANUARY 2020

The January 2020 DSPE Chapter meeting will be on 9 January 2020 from 12:00 noon to 2:00 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. **Mr. Brian Kowal, PE**, will explain a national program called “**CyberPatriot**”.

CyberPatriot is a national youth cyber education program designed to help direct students toward careers in cybersecurity or other

science, technology, technology, engineering, and mathematics disciplines.

A buffet lunch will be served. The cost is \$20 for members, \$30 for nonmembers and \$10 for students. Attendees will receive one and one half (1) Professional Development Hour (PDH) for their ethics requirement.

Those wishing to attend should

make your reservations no later than Tuesday, 7 January 2020 with Ed Schlaack by email at [SchlaackE@mcOhio.org](mailto:SchlaackE@mcOhio.org) or by phone at (937) 781-2632 (office).



## FEBRUARY DSPE MEETING—13 FEBRUARY 2020

The February 2020 DSPE Chapter meeting will be 13 February 2020 from 12:00 noon to 2:00 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. **Speaker and topic are TBD.**

A buffet lunch will be served. The cost is \$20 for members, \$30 for nonmembers and \$10 for students. Attendees will receive one (1.0)

Professional Development Hour (PDH).

Those wishing to attend should make your reservations no later than Tuesday, 11 February 2020 with Ed Schlaack by email at [SchlaackE@mcOhio.org](mailto:SchlaackE@mcOhio.org) or by phone at (937) 781-2632 (office).

**SOMEBODY’S COMPANY  
LOGO GOES HERE—  
IS IT YOURS?!  
CONTACT ED SCHLAACK  
TO SCHEDULE A  
PRESENTATION**

## NEXT BOARD MEETING, JANUARY 2020 [YES, I SAID 2020!]

The next DSPE Board meeting will be held on 14 January 2020, starting at 5:15 PM, in the Wright State University Engineering Dean’s conference room. All Chapter members are welcome and encouraged to attend and observe the process. Interested in becoming a Board member? Come and participate.



DAYTON CHAPTER—  
OHIO SOCIETY OF  
PROFESSIONAL  
ENGINEERS

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OSPE is dedicated to the advancement of professional engineers in Ohio and is the single most powerful voice representing all disciplines within the engineering

profession. The Dayton Society of Professional Engineers (DSPE) is a chapter of the OSPE serving the local Dayton Region. DSPE aspires to conduct a monthly chapter luncheon meeting that will serve our members by providing an opportunity to come together to share professional experiences, to network, and to gain continuing professional development through interesting presentations on a variety of technical, management, and ethics topics on all engineering disciplines. **Is there anything you would like to see in the Newsletter? Please let me know:**

[jon.wheeler@yahoo.com](mailto:jon.wheeler@yahoo.com).

— Jon Wheeler, P.E., DSPE Secretary, Newsletter Editor

## FINANCIAL CONTRIBUTIONS TO HELP MEET CHAPTER MISSION



Our chapter activities are focused on youth education and college scholarships and include (but are not limited to) **2nd Grade Coloring Contest via *ImagineEngineering***, and **Middle School MATHCOUNTS**. These are our Society's flagship events to bring to our youth an awareness

of the value of science, technology, and especially the engineering profession. It requires hands-on participation and financial contributions from our members, that's you and me. Your personal and corporate financial contributions are solicited through our Engineers Foundation of Ohio (EFO) to help us host these events on a local, state, and national level (except for the coloring contest). Please

consider making a personal contribution and soliciting from your company, if they have a community relations department. Contributions through EFO are fully tax-deductible. Please contact us for the tax ID number for your records. Even more important for the success of these events is your hands-on participation. Please contact a board member for opportunities.

## DSPE/OSPE/EFO CALENDAR

- |        |  |
|--------|--|
| 1 Dec  | OSPE Award Nominations Due for: STAR Chapter, Young Engineer of the Year, and NSPE Fellow Membership Status Awards   |
| 2 Dec  | EFO December Seminar, Double Tree, Independence 8:00A-4:00P, 6 CPDs available  |
| 3 Dec  | EFO December Seminar, Hilton Garden Inn, Perrysburg, 8:00A-4:00P, 6 CPDs avail.  |
| 6 Dec  | EFO December Seminar, Holiday Inn Cincinnati North, 8:00A-4:00P, 6 CPDs avail.   |
| 10 Dec | Annual DSPE Christmas/Holiday Party, Giovanni's, Fairborn, OH  |
| 12 Dec | DSPE Monthly meeting, Dayton Engineers Club, 12:00 Noon  |
| 13 Dec | OSPE/EFO Board meetings, Crowne Plaza Columbus North, 9:00 AM; OSPE PAC—9:30AM; OSPE L&GA Committee meeting—10:00 AM; EFO Board of Trustees meeting—1:00 PM; OSPE Board of Directors meeting—2:00 PM |
| 9 Jan  | DSPE Monthly meeting, Dayton Engineers Club, 12:00 Noon  |
| 10 Jan | OSPE Membership Committee meeting, OSPE/EFO offices, 1:00 PM   |
| 10 Jan | EFO Fund Raising Committee meeting, OSPE/EFO offices, 3:00 PM  |
| 14 Jan | DSPE Board meeting, 5:15 PM, Wright State University, Engineering Dean's Office  |