

# DAYTON SOCIETY OF PROFESSIONAL ENGINEERS

*DEDICATED TO THE PROMOTION OF THE PROFESSION OF ENGINEERING*

## THE DAYTON ENGINEER

VOLUME 9, ISSUE 10

OCTOBER 2018

### Breast Cancer Awareness Month

Techies Day—3rd

Fire Prevention Day—9th



Dictionary Day—16th

Evaluate Your Life Day—19th

Make a Difference Day—27th

Navy Day—27th

### THOUGHTS FROM THE CHAPTER OFFICERS

#### Save the Date:

DSPE Christmas/Holiday Party,  
11 December 2018. Location:  
TBD.

#### Meet your new Board of Directors:

Past President—Winn Holcombe,  
PE;

President—Richard Henry, PhD,  
PE;

Vice President—Aurea Rivera,  
PE

Treasurer—Joe Pokorski, PE

State Director—Jim Montgomery,  
PE

Directors:

Steve Schultz, PE, PS;

Joy Amundson, PE;

William Nolte, PE,

Wayne Grilliot, PE.

We want to thank each of our Chapter members for your past support and let you know we are looking forward to a great year for DSPE. We humbly ask for your continued support.

**Check your email!** Two OSPE has announced two webinar-based learning opportunities coming up quickly.

**Webinar #1: Introduction to the Global Positioning System (GPS).** 1.0 CPD, Opening 1

October, presented by Michael S. Braasch, Ph.D., PE, at Ohio University.

#### Webinar #2: Water Quality Sampling Planning & Methods.

1.0 CPD, opening 1 November, presented by Dr. Natalie Kruse, Ph.D., at Ohio University.

Webinar access will be available for 90 days from your registration. Contact [ospe@ohioengineer.com](mailto:ospe@ohioengineer.com) or call (614) 223-1144, to register or for more information.

—Jon Wheeler, PE, Chapter Secretary

### EFO FALL CPD CONFERENCE 1-2 NOVEMBER 2018

The **EFO 2018 Fall CPD Conference** will be held at the **Bridgewater Conference Center**, 10561 Sawmill Parkway, Powell, OH 43065, on Thursday and Friday, 1-2 Nov, 2018. Participants can earn **15 CPD hours** by participating in the full, two-day event. Official registration deadline is 26 October, but registration is limited to the first 250 seats.

The Thursday will feature technical and managerial presentations on geotechnical explorations, Ohio's oil and gas industry, tech transfer, water asset management planning, and quick starting projects using HDS scanners in-house.

In addition, there will be programming designed to meet the mandatory ethics/rules education, including 0.5 hour education on the proper use of the engineer's seal and 1.0 hour on the subject of ethics in the practice of engineering.

For more information, contact: Mr. Travis Rhoades, P.E., Engineers Foundation of Ohio at (614) 223-1177, or toll free 1-800-654-9481, or email [EFO@OhioEngineer.com](mailto:EFO@OhioEngineer.com).



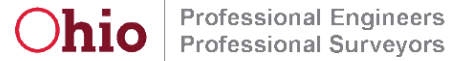
## OCTOBER DSPE MEETING—11 OCTOBER 2018

The October 2018 DSPE Chapter meeting will be on 11 October from 12:00 noon to 2:00 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. Mr. John Greenhalge, Executive Director, Ohio Board of Registration for Professional Engineers and Surveyors, will discuss current ethics issues. This is a joint meeting with ASCE.

A buffet lunch will be served. The cost is \$20 for members, \$30 for nonmembers and \$10 for students. Attendees will receive one and a half (1.5) Professional Development Hour (PDHs).

Those wishing to attend should make your reservations no later than Tuesday, 9 October 2018 with Ed Schlaack by email at [SchlaackE@mcOhio.org](mailto:SchlaackE@mcOhio.org) or by

phone at (937) 781-2632 (office).



## NOVEMBER DSPE MEETING—8 NOVEMBER 2018

The November 2018 DSPE Chapter meeting will be on 8 November from 12:00 noon to 1:30 PM at the Engineers Club of Dayton, 110 Monument Ave, Enterprise, LLC, Dayton, OH 45402. **Mr. Stephen Willis**, CEO, Willis Acquisitions, will discuss **“UAVs in Surveying, LIDAR, and Other Applications”**.

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, 6 November 2018 with Ed Schlaack by email at [SchlaackE@mcOhio.org](mailto:SchlaackE@mcOhio.org) or by phone at (937) 781-2632 (office).



## DECEMBER DSPE MEETING—13 DECEMBER 2018

The December 2018 DSPE Chapter meeting will be on 13 December from 12:00 noon to 2:00 PM at the Engineers Club of Dayton, 110 Monument Ave, Dayton, OH 45402. Mr. Dan Ernst, Ernst Concrete, will discuss **“Concrete Soil Stabilization”**.

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, 11 December 2018 with Ed Schlaack by email at

[SchlaackE@mcOhio.org](mailto:SchlaackE@mcOhio.org) or by phone at (937) 781-2632 (office).



## UPCOMING BOARD MEETING

The next DSPE Board meeting will be held on 9 October, starting at 5:15 PM, in the Conference Room of the Dean's office, Wright State University, School of Engineering and Computer Science.

All Chapter members are welcome and encouraged to attend and observe the process.



## SEPTEMBER'S ANNUAL LEGISLATIVE UPDATE MEETING

We want to express our sincere thanks to our participating State Legislators for their time and interest at our Annual Legislative Update. The Dayton Society of Professional Engineers hosted a Legislative Update as part of our Continuing Education outreach to Professional Engineers in the Dayton Region. From left to right in the photo, **Representative Niraj Antani (House District 42)**, **Representative Stephen Huffman (House District 80)**, **Senator Bob Hackett (Senate District 80)**, and **Representative Jim Butler (House District 41)** engaged in an open and very informative discussion with the luncheon participants.



An item of great interest to the engineering profession is **SB 255 (Occupational Licensing)**. SB 255 establishes a “sunset rule” revision for all licensing boards in the State. **OSPE opposes SB255** on the premise that it adds an additional administrative burden as the Board needs to move away resources from membership support to the sunset rule’s justification staffing. The Engineering profession upholds safety as one of its key reasons for its existence. Senator Hackett concurred that “common sense” must be an integral part of the execution of the occupational licensing reviews.

Rep. Huffman discussed **HB 211 (Home Inspectors)** that will require licensure for any entity involved in Home Inspections in the State. **HB 75 (Professional Licenses)** was addressed. The Legislators support Governor Kasich’s vision for the streamlining of the Professional Engineering licenses for the military spouses. The challenge for this legislation is the resulting “license by endorsement” which may open the door for individuals with different academic and experience levels than those required by the State of Ohio’s Engineering Board, impacting public safety.

Financing highways and bridges was another popular discussion area. The Legislators agreed that raising gas taxes was not an option to raise the required funding. The argument against a gas tax comes from the growing number of electric vehicles in the state and the growing out-of-state cargo vehicles that are part of the highway system but do not contribute to the resource base for the infrastructure’s maintenance and upgrade.

STEM education was discussed, in relationship to State’s investments in education. Terms like “a very under-educated” State was used to describe our educational demographics; 54% of Ohioans do not have a post high-school certification or degree. It is clear that K-12 education play a major role in our State’s ability to embrace new technologies. Another area of concern is the propensity of college graduates to leave the state after graduation, taking with them the needed intellectual capacity for the technological transformation of the State. One counter-example presented was the heavy investment of Amazon in the State and the opportunities for career growth Amazon will open to these graduates.

Additional discussion topics included the need for an aggressive protection of our water system against pollutants (Lake Erie’s algae was addressed) and the Opioid epidemic that impacts all economic sectors for the State.

[Thanks to Aurea Rivera for taking the photo and notes from the meeting. Jon W.]

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 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

|         |   |
|---------|---|
| 9 Oct   | DSPE Board Meeting, Engineering Dean's office, Wright State University, 5:15 PM |
| 11 Oct  | DSPE Chapter Meeting, Dayton Engineers Club, 12:00 noon                         |
| 1 Nov   | Imagine Engineering Launch by OSPE  |
| 1-2 Nov | EFO Fall CPD Conference, Bridgewater Conference Center, Powell, OH              |
| 8 Nov   | DSPE Chapter Meeting, Dayton Engineers Club, 12:00 noon                         |
| 13 Nov  | DSPE Board Meeting, Engineering Dean's office, Wright State University, 5:15 PM |
| 11 Dec  | DSPE Christmas/Holiday Party, Location TBD, 6:00 PM                             |
| 13 Dec  | DSPE Chapter Meeting, Dayton Engineers Club, 12:00 noon                         |