

DAYTON SOCIETY OF PROFESSIONAL ENGINEERS

DEDICATED TO THE PROMOTION OF THE PROFESSION OF ENGINEERING

THE DAYTON ENGINEER

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WINTER QUARTER 2021



THOUGHTS FROM THE CHAPTER OFFICERS

From 2020 to 2021:

What a crazy year! Five years ago, if you were asked, "Where will you be in five years?", would you have ever thought what 2020 would bring? One of the greatest lessons we can learn from this is to think outside the box.

Constitution Vote:

Thank you so much for those Chapter members who submitted

their vote to accept the revised DSPE Constitution; this makes us consistent with the OSPE Constitution.

Chapter Officer/Director Ballot:

Please be on the lookout for the annual Officer/Director ballot coming to you in May.

At this time, we have three (3) vacancies in our Directors positions. Please consider joining

us as a Director to help us positively impact the engineering profession in Ohio, and certainly across the nation. Please let me know no later than 1 March so I can add you to the ballot.

Please don't hesitate to contact any of the DSPE officers or directors with any questions.

—Jon Wheeler, PE, Chapter Secretary

DSPE/OSPE/EFO CALENDAR

25 Feb	MATHCOUNTS Chapter Invitational (Virtual)
7 Mar	Ohio MATHCOUNTS Competition, Columbus State Community College
9 Mar	DSPE Board meeting, 5:15 PM CHIME Format
19 Mar	OSPE/EFO Budget Committee
19 Mar	OSPE Ethics Committee
19 Mar	OSPE L&GA Committee
19 Mar	EFO Board of Trustees
19 Mar	OSPE Board of Directors
25 Mar	MATHCOUNTS State Competition (Virtual)
9 Apr	State Scholarship Grading
13 Apr	DSPE Board Meeting, 5:15PM CHIME Format
16 Apr	Budget Committee
16 Apr	OSPE Membership Committee
16 Apr	EFO Fund Raising Committee
16 Apr	EFO Professional Education Committee

EMPLOYMENT OPPORTUNITY—BARGE DESIGN SOLUTIONS

CIVIL ENGINEER—(PE)Civil Engineer

What We're Looking For

Barge Design Solutions is currently seeking to fill the position of Civil Engineer (PE) in the Site Solutions business unit in our Dayton/Miamisburg, OH office.

Responsibilities for this position include:

- Assist in project scope and budget development, as well as, assisting in project design.
 - Supports PM providing technical leadership on civil-site projects including preparation of grading, drainage, site layout, utility, and erosion control plans
 - Coordination on Federal projects and technical design experience preferred.
 - Reviews work of others for quality
 - Assists in the preparation or modification of reports, specifications, plans, permits, and designs for project
 - Assists in client contact and communication, and attends client meetings
 - Assists in the analysis of reports, maps, drawings, and tests, in order to plan and design projects
- Use computer assisted engineering and design software and equipment to prepare engineering and design documents. Performs other duties as required.

Typical Project Types:

As a Civil Engineer at Barge Design Solutions, you will work within project design teams to create site development plans for a variety of clients. From large industrial developments, to federal and military design/build projects, to a new municipal park, civil engineers at Barge will be a part of preparing the associated site layout plans, grading & drainage plans, and utility plans on a range of projects. You will engage permitting agencies, clients, and contractors as you participate in projects from the conceptual design stage all the way through construction.

Education/Experience Requirements

- Bachelor's degree in Civil Engineering from accredited university
 - 8 years' minimum experience in civil-site engineering
 - PE registration
 - Experience with civil site design and permitting and applicable software applications including hydrology modeling programs/storm drainage programs is required.
 - Strong experience using AutoCAD Civil 3D and/or MicroStation is required
 - Ability to read, analyze, and interpret job-related manuals and documents
 - Strong sense of urgency and self-initiative to meet client deadlines
- Knowledge of Microsoft Office Suite is required

Apply Online at Barge Design Solutions / Careers

<https://barge.csod.com/ux/ats/careersite/4/home/requisition/221?c=barge>

POSITION AVAILABLE IN MULTIPLE OFFICE LOCATIONS:

Miamisburg, OH, United States
Columbus, GA, United States
Peachtree Corners, GA, United States
Knoxville, TN, United States
Nashville, TN, United States
Atlanta, GA, United States
Savannah, GA, United States
Cincinnati, OH, United States



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.

— 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.