



WSPE eNews

A monthly publication from the Wisconsin Society of Professional Engineers

Happy New Year!

January 2015 Edition

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1. President's Message

By Pam Mazur, PE, *Fox River Valley Chapter*

Happy New Year Everyone,

WSPE has a lot coming up in 2015, and I hope you take advantage of the opportunities to participate.

MathCOUNTS competitions will be taking place in January and February. Be sure to check your chapter's schedule – volunteers are always needed to pull off these events.



*Pam Mazur, PE
WSPE President, 2014 - 2015*

National Engineers Week (DiscoverE) is February 22-28, and as I mentioned last month there are several ways you can participate to spread the word about careers in engineering. It could be as simple as your chapter contacting local schools to offer to give a presentation or conduct a fun activity. Check out the DiscoverE website for ideas at <http://www.discovere.org/our-programs/engineers-week>

The 2015 Discovery Conference will be May 27 and 28 at the Radisson Conference Center in Green Bay, so make sure to mark your calendar. Refer to [Ed's article giving more Discovery Conference details below](#). The Governor's New Product Award banquet will be the evening of May 27.

We're looking for members to join the Legislative Committee to help us keep up with pertinent pending legislation, so if you're interested contact Fred Groth (fred.groth@graef-usa.com) or Glen Schwalbach (genschwalbach@netzero.net).

Look for a potential future event with the Milwaukee Bucks – more on this later.

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2. Foth Hosts Girl Scout STEM Event

Submitted by Carol A. Cortez, Ph.D.

Pam Mazur and a geologist from Foth recently participated as panelists for a STEM event hosted by Foth. This event, named "Ladies of the Lab", kindled interest in engineering in members of the Girl Scouts.

See the brief news article on the Foth website here:

<http://www.foth.com/news/foth-hosts-girl-scout-stem-event/>

Or, read the full Green Bay Press Gazette article here:

<http://www.greenbaypressgazette.com/story/news/local/2014/11/19/ladies-lab-encourages-girls-stick-math-science/19294005/>

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3. MATHCOUNTS Season is Here!

Submitted by Norman Arendt, CHS III, CMAS, PhD, CFEII

Students in the sixth, seventh or eighth grade are eligible to participate in the MATHCOUNTS Competition Series. Participation in MATHCOUNTS competitions is limited to three years for each student, though there is no limit to the number of years a student may participate in the school-based coaching phase.

Schools can register up to 10 students to represent their school at the chapter competition. An unlimited number of students can participate in the school level competition in December and January run by the individual school team coaches. All types of schools: public, private, charter, virtual and home schools are eligible to register for the competition program.

So far in Wisconsin we have 94 schools that have students participating in the competitive program. What we need are donations to the raffle and to the gift bags for the students. We also ALWAYS need volunteers both at the regional and chapter levels and at the State competition level. Most regionals are held on February 7, but you should check with your chapter to be sure.

The State competition will be held at the Lowell Center in Madison on Langdon Street on March 7th. If you'd like to volunteer for either the chapter competition or state competition, but you're not sure which chapter, please send me an email and I will send it to the correct chapter. For the State competition please email me directly (njarendt@tds.net) if you can attend and help. Regional competitions usually start at 8AM on the Saturday with one or two competitions at other times, and the State competition starts with registration at 730AM on March 7th. Most volunteers need to arrive before 845AM with the competition starting about 9AM.

Another great MATHCOUNTS Program is the Solve-A-Thon. The MATHCOUNTS Solve-A-Thon is a unique fundraising opportunity for schools, in which 100% of the money earned is put toward mathematics education in the students' school and local community. Solve-A-Thon connects community members who recognize the importance of math education with local teachers and students who need resources to support math clubs and programs at their schools.

Support for math education initiatives is essential and can have a far-reaching impact. Today's math students will be tomorrow's doctors and scientists, responsible for the next major advancements in medicine. They will be tomorrow's engineers who address damage from natural disasters and develop ways of avoiding such damage in the future. They will be tomorrow's creators of the next invention that changes the world. They will be tomorrow's math and science teachers who inspire future generations. **Today's math students are tomorrow's problem solvers, and they are worthy of encouragement, recognition and support.**

Recently the [National Math Club](#) was inaugurated. The National Math Club is an inclusive math enrichment program that provides Club Leaders with the resources and materials needed to run a math club. With registration open to schools, organizations and other groups, The National Math Club brings fun and exciting math to students across the country.

Formerly known as the MATHCOUNTS Club Program, the National Math Club helps build confidence in students of all ability and interest levels by giving them the opportunity to engage in unique math activities in a relaxed, social setting.

Note that the eligibility requirements for The National Math Club are not the same as with the MATHCOUNTS Club Program. Any group can register for the National Math Club as long as the following statements are true for that group:

- 1 The group consists of at least 4 U.S. students.
- 1 The students in the group are in 6th, 7th and/or 8th grade.
- 1 The group has regular in-person meetings.

Some examples of eligible groups would be schools, chapters of larger organizations (such as the YMCA, Boys & Girls Club, or Girl Scouts), tutoring/enrichment centers, or neighborhood math groups.

Multiple teachers from the same school can register for the National Math Club, as long as the Club Leader for each club is different. In Wisconsin we have 50 Math Clubs registered in this program.

IMPORTANT!: Remember to volunteer for the competition at both your regional and State competitions. We generally need about 20 volunteers at each of the regional competitions and about 40 at the State competition.

Email njarendt@tds.net with any questions or to get involved in the MATHCOUNTS program.

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4. 2015 Discovery Conference

By Ed Rodden II, WSPE Executive Director

**2015 Discovery Conference
(Radisson – Green Bay, WI)
May 27 & May 28, 2015**

The two day Discovery Conference will be held in Green Bay on the last Wednesday and Thursday of May.

The conference will consist of 2 general sessions and 3 breakout sessions each day, with up to 28 speakers and presentations on a variety of topics including civil, electrical, mechanical and other engineering professionals.

Attendees of the Discovery Conference will qualify for 15.0 Professional Development Hours (PDHs), including 13 that will meet the "interactive" requirement and 2 that will meet the ethics requirement.

Honors to be awarded during the lunch hour include Engineer of the Year, Young Engineer of the Year, MATHCOUNTS Teams advancing to Nationals, WSPE Fellow, and other awards.

Discounted hotel rates will be available soon.

At this time we are looking for speakers to help us fill the presentation slots for this conference. If you are interested, please contact Mike Lefebvre one of our Fox River Valley chapter at michael.lefebvre@graef-usa.com. Your presentation may be eligible for double PDHs if you have not given this presentation previously.

We have several presentation slots available, so please consider helping WSPE by sharing with us your presentations skills. Our goal is to have our presentation slots filled by the end of January.

WSPE is glad to offer the Governors New Product Award Banquet on evening of May 27th at the Radisson. This banquet will be at the end of the first day of the conference to encourage all to attend this great event. [Refer to Dale's article below for more details.](#)

Additional details will follow for both events with a save the date flyer soon.

A special thanks to Fox River Valley liaisons including: Bob Bath, Dale Cherney, Shelly Cornelius, John Davel, Mike Gigl, Mike Lefebvre, Leon Engler, and Glen Schwalbach.

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5. Southeast Chapter "Thank You!"

By Gene Olson, *Southeast Chapter*

The SE Chapter extends a "Thank You" to the metro Milwaukee chapter for sharing in their programs. Our small Chapter has a healthy MATHCOUNTS and Scholarship program but has not had strong meeting programs and appreciates the opportunity to participate in the fine programs offered by the Metro Chapter.

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6. NSPE Leader Toolbox, Members Taking Action

Submitted by John M Parisi, PE

Looking for examples of NSPE, state societies, and members working for the profession?

Here are 42 stories from 2014 that tell the story: <http://bit.ly/1CbAkCr>

Access leader resources at www.nspe.org/toolbox.

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7. Call for WSPE's Governors New Product Award (GNPA) Entries

By Dale R. Swenson, P.E., WSPE GNPA Chair, *Metro Chapter Member*

MARK YOUR CALENDARS!

WSPE's 2014 GNPA banquet and awards ceremony will be Wednesday evening, May 27, 2015 and will be held at the Radisson Hotel and Conference Center, Green Bay, WI. The Radisson is attached to Oneida Bingo and Casino and both are right across the street from Austin Straubel International Airport. Our GNPA banquet and awards ceremony MC will be Mike Austin, co-host of the award winning Mike, Matt and the Morning News on WTAQ AM & FM, Green Bay. This will be a great WSPE event.

NOTE: The GNPA banquet and awards ceremony will be held during WSPE's Discovery Conference which is also at the Radisson, Wednesday May 27th and Thursday May 28th, 2015. [Refer to Ed's article above for more details.](#)

Registration for WSPE's 2014 GNPA competition has been open since October 1, 2014 and we already have at least ten companies interested in entering. As WSPE members, please spread the word about this prestigious statewide competition.

The **deadline for GNPA entries is February 16, 2015**. If you cannot enter or participate in WSPE's GNPA competition, please consider WSPE GNPA Corporate Sponsorship.

Please refer to following link for latest entry information or to find out more about Corporate Sponsorship.

<http://www.wspe.org/gnpa.shtml>

WSPE's GNPA competition eligibility: Any new product, machine, process or material that has been developed in Wisconsin may be entered, provided that it was first placed on the market between 2009 - 2013.

Please contact myself or Ed Rodden with questions or interest. Thank you!

Dale R. Swenson, P.E., WSPE GNPA Chair
gnpa@wspe.org (262) 366-5686

Ed Rodden II, E.I.T., WSPE Executive Director
ExecDir@wspe.org (414) 531-1129

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8. You are Invited: MSOE's Corporate Partner Network

By Brittney Lynn, Graduate and Professional Education at MSOE

The [Graduate and Professional Education \(GPE\) department](#) of the Rader School of Business at MSOE is responding to employers' needs to provide practical, applications-oriented training on demand – at the graduate and professional level. Membership in the Corporate Partner Network (CPN) guarantees its members benefits that can raise the performance of their professionals and staff, and offers firms a competitive advantage locally, nationally and on a global level with a:

- 1 30% reduced graduate tuition rate of \$500/credit for eligible applicants for the [Master of Business Administration \(MBA\)](#) and [Master of Nursing \(MSN\)](#) programs in the 2014-2015 academic year
- 1 Discounted rate for all [Graduate and Professional Education \(GPE\) course offerings](#)

...and more.

Employers are welcome to come and learn about GPE's offerings and network with Milwaukee-area firms at our CPN kickoff event on **February 3, from 3:00-5:00 pm** in the Todd Wehr Auditorium on MSOE's campus.

Register for this event here: <http://msoe.edu/cpn>.

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9. Job Board Posting

WSPE has posted a new job opportunity on the Job Board:
http://www.wspe.org/job_board.shtml

A summary of this posting is as follows:

Transportation Engineer

Additional information available at url: <http://www.cedarcorp.com/wp-content/uploads/TransportationEngineerMeno-2014.pdf>

If you are interested in posting a job or your resume on our website, please contact Ed Rodden II at ExecDir@wspe.org or (414)531-1129.

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10. WSPE Apparel

By Ed Rodden II, WSPE Executive Director

If you are interested in apparel featuring the WSPE logo, you can select items from the online catalog here:

<http://www.companycasuals.com/geigerawards/start.jsp>

If you would like an item embroidered with the WSPE logo as shown below, you can just pay the listed price of the polo shirt, long sleeve, jacket, bag, or other item, WSPE will cover the extra cost for the logo.



The best way to express your interest in WSPE apparel is to email me at execdir@wspe.org or call (414)531-1129. The deadline to order items is January 19, 2015.

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11. Thank You WSPE Supporters!

Gold Level



Silver Level



Bronze Level



Morgan & Parmley, Ltd.

Are you interested in having your company support Wisconsin Society of Professional Engineers? See our webpage dedicated to this initiative <http://www.wspe.org/sponsors.shtml>

Contact Ed at execdir@wspe.org (414) 531-1129 to understand this program further.

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12. NSPE Honor Awards

Submitted by John Parisi, P.E.

The NSPE Honor Award deadline for submissions is Jan. 31, 2015. For more information on all NSPE awards, including criteria and applications, please visit www.nspe.org/AWARDS.



If you have any nominations for these awards, please contact John Parisi at John.Parisi@foth.com.

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13. NSPE Fellow Member Nominations: Final Reminder

By Nancy Oswald, NSPE

**Final Reminder: NSPE Fellow Member Nominations for 2015-
Deadline February 2, 2015**

Note: The established deadline date for submission of Fellow nominations

is February 1; however since February 1, 2015 falls on a Sunday, the deadline for 2015 will be Monday, February 2.

This is a final reminder that that 2015 NSPE Fellow member nominations are due in the NSPE headquarters office by February 2, 2015. All state societies are encouraged to participate in the NSPE Fellow member program by submitting applications for qualified NSPE members. Please be sure to carefully review the criteria and qualifications that are used for Fellow member selection as there have been some changes made; namely:

1. To be considered for Fellow membership, all nominees must be current dues paying NSPE national and state members or Life members.
2. Instructions for completing the nomination form now include a description of what constitutes "involvement in NSPE" and "national service." **Please read these instructions very carefully as this is the most critical information to be included on the nomination form. Nominees must have held at least one elected office at the chapter, state or national level. It is recommended that the nominee have ten (10) years or more of active service and involvement at all levels, i.e., national, state, chapter/local.**

Instructions and guidance for completing the Fellow nomination form and the nomination form itself can be found at

<http://www.nspe.org/AboutNSPE/fellowmembershipgrade.html>

You can download a document listing the number of Fellow nominations each State Society is allowed for 2015 here:

http://wspe.org/enews/2015/Number_of_Fellows_Per_State_Society.pdf

A nomination requirements/check list which we hope will be helpful to you in preparing a complete nomination packet can be found here:

<http://wspe.org/enews/2015/Packet-check-list-state-society.pdf>

Thank you in advance for your participation. We look forward to receiving your nominations.

Nancy Oswald
NSPE
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noswald@nspe.org

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FREE 6-Month Trial Membership!

Interested in WSPE but not sure if you want to join? Try a 6-month FREE trial membership, courtesy of WSPE.

Go to www.wspe.org/WI%20%20months%20Free%20Membership%20Application.pdf to download an application.

Contact Ed Rodden, WSPE Executive Director, at ExecDir@wspe.org for details.

We Need Your News!

- 1 Is your chapter hosting an event?
- 1 Did your chapter get some new members?
- 1 Have you started your own business?
- 1 Is your company taking on a really challenging project?

If you said "yes" to any one of these questions, or would like to share anything even remotely newsworthy with the rest of WSPE, please contact Ed Rodden, WSPE Executive Director, at ExecDir@wspe.org.

We look forward to including your news in our monthly updates!



Join the discussion at [WSPE's LinkedIn Group](#) or



["Like" us on Facebook.](#)



[Follow us on Twitter.](#)

We Need Your Email Address!

If you are reading a paper copy of the WSPE eNews, you're missing out! Send your email address to Ed Rodden, WSPE Executive Director, at ExecDir@wspe.org or call him at (414) 531-1129 to receive electronic eNews.

Advertisers Wanted

Help us offset the costs of producing this eNews by placing an advertisement here! If you are interested in advertising your company here, please contact Ed Rodden, WSPE Executive Director, at ExecDir@wspe.org or [\(414\) 531-1129](tel:4145311129).

Thanks for your help.

Update Your Information with WSPE

Did you...

...get a new job?

...get promoted?

...get a new phone number or email address?

...get your PE license?

You can update your information yourself on the NSPE website!

[Click this link to update your membership information.](#)

Alternatively, you can send your new information to Ed Rodden, WSPE Executive Director, at ExecDir@wspe.org or call him at (414) 531-1129 and he'll make sure your information is updated in both the WSPE and NSPE databases. We'd also like to include an article in the next eNews summarizing your recent change or accomplishment to inform your fellow WSPE members.

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WSPE Mission Statement

WSPE is an organization of licensed Professional Engineers (PEs) and Engineering Interns/Engineers in Training (EIs/EITs).

WSPE enhances the image of its members and their ability to ethically and professionally practice engineering through education, licensure advocacy, leadership training, multi-disciplinary networking, and outreach.