State News for NSPE Members

By Keith R. Nikolay, P.E. As the snow begins to melt, we realize that spring is

just around the corner. And with spring, brings new life! I always enjoy the many benefits that come with spring: longer days, warmer weather, and the crack of a baseball bat. When it comes to NSPE-WI, spring is also the time to renew your involvement. The organization relies solely on volunteers, and we are



always looking for new individuals to help lead at the chapter and the state levels. New board members bring fresh ideas, and those ideas foster growth within the organization. If you have any questions about your chapter board, reach out to your president. If you have any questions about the state board, please do not hesitate to reach out to me or anyone on the executive committee. We are beginning the process to update our five-year strategic plan. We have always identified yearly goals and objectives but have not created a formal

document to keep track of our progress. With the executive committee changing on

an annual basis, we need to maintain a process to ensure our progress continues to move forward and our organization grows. An initial committee has been formed to create a general framework to identify the key features of the plan. Once this general framework is set, another committee will be created and tasked with identifying specific goals, objectives, and strategies. If you are interested in participating on this committee, please reach out to your chapter president. We will be looking to have 5-7 individuals on this committee. NSPE-WI WISCONSIN SOCIETY OF

Spring Virtual Discovery Conference – New Roads Traveled

Our spring virtual Discover Conference is in full swing! The theme will focus on how

sources, the COVID pandemic, and environmental concerns with the common goal

engineers have found innovative solutions to solve challenges related to energy

of improving everyday quality of life through our work. We have 11 opportunities to earn up to 12 PDHs on a wide array of engineering disciplines. Below is snapshot of our topics. For more information and registration, visit our website.

1. Ethics – Intersection of Sustainability, Competence, and Ethics 2. Hydraulics – Response to the COVID-19 PPE Shortages: Reflections from the (Virtual) Trenches 3. Multi-Discipline – Engineering and Innovation in Response to COVID-19 4. Civil / Environmental – BC Organics Project 5. Biomedical – Vaccines – Are they a modern-time miracle or menace?

- 7. Environmental Phytotechnologies for Communities and the Environment 8. Architectural – The Wisconsin Center Expansion 9. Al Applications – Addressing Novel Diseases with Al & Medical Imaging:
- Lessons Learned from COVID -19
- 11. Civil Structural Engineering Challenges on The Wisconsin Center Expansion
- **Annual Scholarships and Awards** We held the Chapters Scholarship and Chapter and State Awards meeting during
- following winners! Northwest Chapter Scholarships

• Chapter Scholarship – David Thompson, Baldwin-Woodville

Donald Cheney Scholarship – Noahvose Herron, New Richmond

Donald Cheney Scholarship – Leah Nelson, Eau Claire North Fox River Valley Chapter Scholarships

 Scholarships to be awarded in April. Western Chapter Scholarships Chapter Scholarship – Rhett Koenig, Prairie du Chien

- Chapter Scholarship Ray McKinely, Kickapoo

Super Excavators Inc.)

- John Mielke Memorial Andrew Fujimoto, Oconomowoc (Sponsor: Ruekert & Mielke Inc) Waukesha Engineering Scholarship Crop – William Gergen, Pewaukee
- Metro Chapter Scholarship Will Hartman, Sussex Hamilton **Awards**
- State Engineer of the Year in Construction Fred Groth, P.E. **NSPE and Chapter Membership Renewal**
- membership option tailor-made for your needs. Whatever your needs are, being a member of NSPE has one that will fit your needs.

• Life Members – A member becomes eligible for life-member dues status if the person has been a continuous member of NSPE for a period of 40 years. A

the laws of any other country.

 Retired Members – A member becomes eligible for retired-member status if the person has been a continuous member of NSPE for a period of 25 years and has retired from active practice. For these purposes, "active practice" shall mean providing engineering consultation totaling more than 300 hours in a given calendar year. Members granted retired-member status shall receive a waiver of one-half dues annually.

 40% of full dues year two after graduation. 60% of full dues year three after graduation. 80% of full dues year four after graduation. 100% of dues year five after graduation. Student – Students enrolled full-time in an ABET-accredited engineering program, enrolled in an engineering or pre-engineering program that has a

transfer agreement with one or more ABET accredited engineering programs,

or enrolled full-time in a graduate-level engineering program, qualify for free

- **Chapter News**
 - Chapter Wisconsin Chapter Fox River L Valley

Chapter

Metro Chapter

Southeast

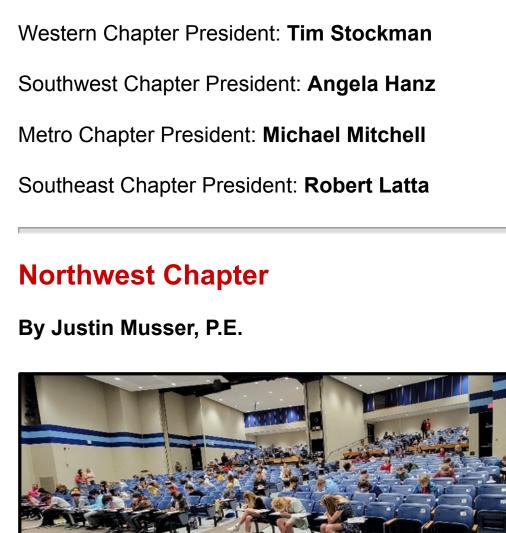
Fox River Valley Chapter President: Glen Schwalbach

Western Chapter

> Southwest Chapter

Northwest Chapter President: Justin Musser

Wisconsin Valley Chapter President: **Archie Becher**



to make it into an event, like a sporting event. But instead of sports, we are working the mind and these kids are going to be our future leaders in science, going to be our engineers, our doctors, and our scientists." Check out the media coverage from the event! Mathcounts Competition Held at Eau Claire Middle School (weau.com) Member Spotlight: Chapter Secretary Nick Nelson and his wife Joy celebrated the birth of their first child, Lily Anne on February 18. This bundle of sweetness will definitely keep her parents on their toes! We all remember our first child, along with the excitement (and sleepless nights) they bring to our lives. Next order of business, child-proof the home!

Southwest Chapter

Kromrey (Middleton)

Top 2 teams advancing to state:

Audrey K., and Rishi B.

Arjun S. (Kromrey, Middleton)

Liza K. (Kromrey, Middleton)

Augie R. (EAGLE, Madison)

• Lucy Q. (EAGLE, Madison)

• Neo W. (Kromrey, Middleton)

Siddarth C. (Kromrey, Middleton)

Top 7 individuals (not on at) advancing to state:

Bryant Y. (Madison Country Day School)

Top 10 individuals participating in the countdown round:

By Angela Hanz, P.E.

the Kromrey Middle School in Middleton. A total of 11 schools were represented, 9 of which participated under the school competitors and two schools participated under the non-school competitors, with a total of 83 registered mathletes. Among the middle schools represented were: Prairie View (Sun Prairie) Madison Country Day School (Waunakee) EAGLE (Madison) Sennet (Madison) Hamilton (Madison)

On February 4, we conducted the Madison regional MATHCOUNTS competition at

Bryant Y. (Madison Country Day School Neo W. (Kromrey, Middleton) Aditya B. (Glacier Creek, Cross Plains) • Eli B. (Hamilton, Madison)

provided: 15 dozen doughnuts, 500 oz. of coffee, Rice Krispy Treats, Goldfish Crackers, water, soda, and juice beverages. In addition, all mathletes were given a MATHCOUNTS gift bag and the opportunity to win door prizes from the Green Bay Packers, Madison Mallards and Wisconsin Badgers.

Top scoring mathlete for target, sprint, and team rounds

• Bryant Y. (Madison Country Day School, Waunakee)

To keep the Mathletes (and volunteers!) energized throughout the 4-hour event, we

Thomas M., Kenley M., and Tan T. • West De Pere Middle School from De Pere consisting of Max C., Sadie C., Isaiah R., and Anvi G. Top 5 Individuals (not on a top team)

MATHCOUNTS competition was held on February 4 at Acuity in Sheboygan.

• De Pere Middle School from De Pere consisting of Ariana A., Tyson F., Liam

New Holstein Middle School from New Holstein consisting of Charlie Z.,

Parkview Middle School from Ashwaubenon consisting of Michael R.,

TVA Engineer Named 2023 FEYA Winner Stephen Craven, Ph.D., P.E., was named NSPE's

WORKability Wednesdays Are Back! NSPE offers a live webinar series free to members—"WORKability Wednesdays" to support members with their professional development goals. The series covers

Take the Milton F. Lunch Ethics Challenge!

Match your wits and knowledge of engineering ethics with experienced

professional engineers and engineering students throughout the country! All current NSPE individual members and NSPE chapters (including student members) are invited to participate in the 2023 NSPE Milton F. Lunch Ethics Contest . Contest submissions are due by May 12. View past contest winner

President's Message

6. Civil – Structural Challenges of the Science & Technology Center at UW River Falls 10. Ethics – Florida International University Pedestrian Bridge Failure

- Engineers Week. Even though the meeting was held via Zoom, several of the recipients attended and were able to share their gratitude. Congratulations to the

Southwest Chapter Scholarships Chapter Scholarship – Caleb Rocha, Reedsburg Metro Chapter Scholarships Robert Schraufnagel Memorial – Caitlyn Grant, Menominee Falls (Sponsor:

of Wisconsin Inc)

Southwest Chapter Engineer of the Year Award – Angela Hanz, P.E.

Ray Munch Sr. Memorial – Lila Mikhailenko, Homestead (Sponsor: Elastizell)

- It is that time of year where many of us are receiving the "It's time to renew your NSPE membership," email. What you may not know is that NSPE offers a
 - Professional Engineer Open to anyone holding a valid license or certificate of registration as a professional engineer, engineer-in-training, or engineering

intern certification that is issued under the laws of any state, territory,

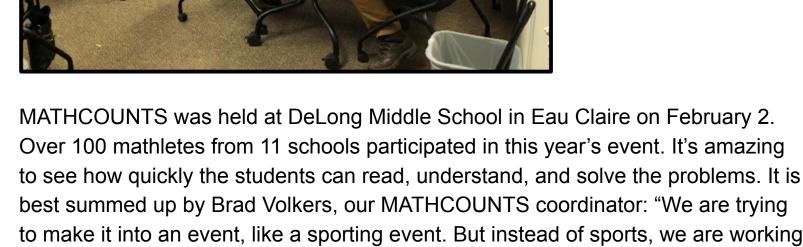
possession, or district of the United States, or the equivalent as defined under

member granted life-member status shall receive a waiver of dues.

NSPE national student membership.

• Graduated Dues Program – Recent college graduates of ABET-accredited schools and/or programs, if qualified, can join NSPE at a discounted rate depending upon year of graduation. 20% of full dues the year they graduate.

Chapter News Northwest



 Central Height Middle School (Sun Prairie) Glacier Creek (Cross Plains) Thomas Jefferson Middle School (Madison) Palinek Home School (Blanchardville) Blessed Sacrament School (Madison)

Glacier Creek from Cross Plains consisting of Aditya B., Sai N., Sai S.,

Hamilton from Madison consisting of Eli B., Alex L., Kent M., and Anmy T.

• Siddharth C. (Kromrey, Middleton) Arjun S. (Kromrey, Middleton) Augie R. (EAGLE, Madison) Anmy T. (Hamilton, Madison) Sai N. (Glacier Creek, Cross Pains)

Liza K. (Kromrey, Middleton)

Fox River Valley Chapter

Congratulations to the following winners!

Parker M., Sophia H., and Ean K.

• Isaac B. (West De Pere Intermediate)

March 2–April 2: Discovery Conference – Virtual

March 4: Wisconsin State MATHCOUNTS

Competition, Acuity Insurance, Sheboygan

May 14: Mother's Day Call or hug your mom!

May 29: Memorial Day Remember to thank a

By Todd Kinney, P.E.

On top 4 teams

F., and Kyle G.

Calendar of Events

Events

veteran!

March 14: Pi Day

- Anthony V. (West De Pere Intermediate) Aaron T. (Sevastopol Middle School) • Thomas V. (Brillion Middle School) Caleb N. (Parkview Middle School)
- **September 15:** World Engineers Day

August 2-4: 2023 NSPE Professional Engineers Conference, Louisville, KY



GENERAL

raSmith

CREATIVITY BEYOND ENGINEERING

Ruekert · Mielke

2023 Federal Engineer of the Year for his

innovative work securing Tennessee Valley

Authority (TVA) substations and developing

is the only one of its kind to solely recognize

government. Federal agency winners were

Stephen Craven is a third-generation TVA

outstanding engineers employed in the federal

honored during a ceremony held at the National

Press Club in Washington, DC, on February 24.

improved communication architecture. Now in its

44th year, the Federal Engineer of the Year Award

also instrumental in the development of a new communication architecture that is faster, more reliable, and less expensive than previous schemes. Read more. FEYA ceremony photos can be accessed on the NSPE Flickr album.

engineer, serving at the agency's Power Service Center in Chattanooga,

Tennessee. Among his accomplishments, Craven has helped secure substations

from external attackers and yet still be remotely monitored for anomalies. He was

against cyber-attacks, designing ways to keep critical equipment disconnected

topics impacting the industry and helps to enhance your competencies in the

profession. The spring season sessions kicked off on March 8 with Understanding

the New Requirements for Cybersecurity Insurance . Register now at NSPE's PE

Institute and invite a colleague to attend. **Upcoming webinars** March 22—Using Construction Manager at Risk Project Delivery to Manage the Current Challenges in Constructing Projects April 12—Doing Bad Things for Good Reasons: An Examination of Unethical Pro-Organizational Behavior Among Professional Workers Save the date for webinars on April 26, May 17, and May 31

To update your e-mail address, visit www.nspe.org and login to manage your account. If you do not wish to receive any more issues of *PE Matters*, click here to unsubscribe .

entries. You received this e-mail because you are subscribed to PE Matters e-newsletter.

National Society of Professional Engineers | 1420 King Street | Alexandria, VA 22314 Unsubscribe from these messages. REAL MAGNET

Share with your network

У f in +

Thank you to our corporate sponsors! **Gold Sponsor** Foth **Silver Sponsor** GRaEF **Bronze Sponsors COLLINS ENGINEERS ENGINEERING**