

MEMBERS OF THE
NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS
 SDES EASTERN CHAPTER NEWSLETTER
 PO BOX 1512 SIOUX FALLS, SD 57101 | WWW.SDES.ORG



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WebEx: next month's presentation will be broadcast on WebEx so please plan on tuning in on the web if you can't be here in person! See the instructions on how to use WebEx on page 8 of this newsletter.

IMPORTANT NEWS

NEW MEMBER:
Nathan Brandt

NEXT MEETING:
Tuesday, February 12th
at 11:30am at Pizza
Ranch on 41st Street;

PRESIDENT'S COLUMN

BY LANCE WEATHERLY, PE

Punxsutawney Phil did not see his shadow, with a bit of luck the prediction of an early spring fore-shadows the absence of additional polar vortexes for 2019! Please join me in thanking Travis Dressen, PE and Shannon Ausen, PE for the update of SDDOT/Sioux Falls 2019 transportation projects at the January meeting. The presentation was well attended with a room filling 48 attendees to learn more about 2019 transportation projects and beyond.

On February 1st, the Eastern Chapter continued our partnership with the Washington Pavilion – Kirby Science Discovery Center by volunteering to interact with a number of the 701 attendees of Free First Friday. SDES volunteers were partnered with New Tech High School student volunteers to expose attendees to the field of engineering.

The next Eastern Chapter business meeting is planned for Tuesday, February 12th at the 41st Street Pizza Ranch starting at noon with presentation to follow. I encourage you to show up around 11:30am and socialize with your colleagues and connect with unfamiliar faces prior to the business meeting. Dennis Micko, PE, a Governor appointed board member of South Dakota Board of Technical Professions (SDBTP) is planning to present on comity applications, continuing education/ audits and various licensure related topics. If you have questions about licensure or audits, I encourage you to attend or participate remotely via WebEx to interact directly with a SDBTP board member with direct oversight of professional licensure in South Dakota.

In celebration of Engineer's Week (February 17-23), the Eastern Chapter is scheduled to nourish the Sioux Falls community by funding and volunteering to serve the breakfast meal at The Banquet (900 E. 8th St.) on Wednesday, February 20th. Please contact Kurt Peppel if you are interested in volunteering, have questions or provide funds for the meal. Volunteering at The Banquet always puts a smile on my face and you will leave smiling also. I hope you will consider supporting this event through energy or financial contribution.

If you haven't already, mark your calendars for the 2019 Eastern Chapter SDES/ASCE Awards Banquet on Saturday, February 23rd at the downtown Holiday Inn in Sioux Falls. Jedidiah Reimnitz, EIT has been diligently planning the Awards Banquet to recognize the efforts of engineering professionals. Following the Awards Banquet, I encourage you to continue to enjoy the evening with colleagues and friends participating in Casino Night entertainment with the opportunity to win some great prizes.

As many of you are aware, SDES and the Design Professionals Coalition (DPC) are coordinating with state legislators and others concerning proposed legislation for amendments to SDCL 36.1B regarding professional licensure. If you are one of the 329 members who have not yet had a chance to access the legislative update recently distributed by SDES, I encourage you to access the below link and contact the SDES Executive Director with any questions. Recently, State SDES Board approved a revision to the Annual PDH and Fall PDH conference rotation between the Eastern, Central, and Black Hills Chapters and will be posted to the SDES website in the near future.

www.sdes.org/resources/Documents/Legislation/SDESLegUpdate020119.pdf

I hope to see you at the upcoming Chapter meeting and Annual Awards Banquet. Please take a moment to reflect on engineers' contributions to society with the upcoming E-Week!

TREASURER'S REPORT

BY JOSH PETERSON, PE

Previous General Fund Balance 01/02/2019: \$ 38,543.62

Deposits:

Total: \$ -

Expenses:

Webex Subscription \$ (104.38)
 Chapter Speaker Lunch \$ (22.49)

Total: \$ (126.87)

Total General Fund Balance: \$ 38,416.75

Previous Scholarship Fund Balance 01/02/2019: \$ 6,305.77

Deposits:

Total: \$ -

Expenses:

Total: \$ -

Total Scholarship Fund Balance: \$ 6,305.77

Total Account Balance 02/01/2019: \$ 44,722.52



IMPORTANT CALENDAR EVENTS

Upcoming Events:

Feb 12th, Eastern Chapter Meeting at Pizza Ranch

Engineers Week Feb 17-23rd

Feb 20th, Serve breakfast at the Banquet

Feb 21st, MathCounts Competition

Feb 21-22, Action Arts Science Program Site Visits
(through Washington Pavilion)

Feb 23rd, Engineering Banquet

February 2019

Sun Mo Tue We Thu Fri Sat

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		



UPCOMING EVENTS FOR E-WEEK KURT PEPPER, PE AND KRISTA MAY, PE

ENGINEERS WEEK

FEBRUARY 17–23, 2019



Save the Date

When: Wednesday, February 20, 2019

Who: 5-6 volunteers at 5:30am

20 volunteers 6:30-8:30am

Where: The Banquet

Volunteer Sign-up sheet will be available
at January and February's lunch meetings.

Free will donation to cover the cost of the meal will be
taken at February's meeting.

Contact Kurt Peppel at

kpeppel@siouxfalls.org with questions.

MATHCOUNTS®

Save the Date

When: Thursday, February 21, 2019 at 1:30pm –
6:30pm

Where: Southeast Technical Institute, Sullivan
Health/Science Center, Room HC 257

Who: Five middle schools from SE South Dakota

Volunteers are needed to help with the
registration table, hand out tests, watch for
cheating, grade tests, and keep time. Volunteer
Sign-up sheet will be available
at January's and February's lunch meetings.

Contact Krista May at

kristam@infrastructuredg.com or 605.929.0267
with questions.

MORE UPCOMING EVENTS

ERIN STEEVER, PE

Join us for Volunteer Opportunities at the Washington Pavilion in February and March

There are two new outreach activities available to promote engineering to the next generation. The Washington Pavilion Action Arts and Science Program (AASP) began in 1999 with a mission to bring high-quality art and science experiences to children with limited access to extracurricular activities. Today, they engage and inspire more than 450 students at 20 locations outside the Washington Pavilion per week. It's a few years old, but check out [this video](#) for a glimpse into what makes AASP so special.

AASP partners sites for 2018-19 include: Sioux Falls School District Kids Inc. (8 elementary schools), Juvenile Detention Center, Volunteers of America-Dakotas (Dakotas Youth Center), Multi-Cultural Center (Natives Count, Froggy Reads and Native Youth programs), KidStop Program, Kidz Count Program, Ignite (formerly Youth Enrichment Services at Eastside and 14th Street locations) and the Boys & Girls Club (Sneve Ave. location), Harmony South Dakota, Lutheran Social Services (Hilltop and East Side locations).

AASP is a recipient of the prestigious National Arts and Humanities Youth Program Award. The award is given by the President's Committee on the Arts and the Humanities and its partner agencies, the National Endowment for the Arts, the National Endowment for the Humanities and the Institute of Museum and Library Services.

They're moving into a "Build It Big!" Unit in February and March, and they'd love engineer volunteers to assist with their programming. There are several opportunities for consideration:

1. **AASP Site Visit** – Engineer is paired with AASP Instructor and visit 1 – 2 sites **Feb. 20-22 (National Engineering Week) or the week of March 18-22, 2019**. Program times are typically between 3:30 – 5 pm, and they are at the most sites Tuesday-Thursday. Volunteers will be able to work out a schedule with AASP.
 - ✦ Engineer's will briefly share about what you do (all levels acceptable), what skills or training is needed for your job, show any special tool, pictures of projects you have worked on, models/prototypes, etc. Keep this to no more than 7 – 10 minutes total.
 - ✦ Engineer's will assist with AASP instructor led activity related to civil engineering, focusing on making connections with students, with emphasis on the process over the end product.

AASP Family Night – Friday, March 8, 2019 | 5 – 8 pm. Family Night is an opportunity for the students in our program to bring their families to the Washington Pavilion for hands-on activities, pizza, exploring the Visual Arts Center and the Kirby Science Discovery Center, and see the DREAM BIG film in the Wells Fargo CineDome. Many of the students in our program do not have financial resources to visit the Pavilion at other times. It also encourages families to spend time together doing activities, something that may not possible because of family dynamics or work schedules. A major activity of this evening will be creating a Box City (<https://cube-education.org/box-city/>), but there will be other engineering and architecture activities for families to do (most likely repeating a few favorites from Free First Friday in February). We will also have a Career Corner, where (ideally) a member would be available to talk about careers/industries, maybe show some tools or examples and we would welcome any literature about engineering, SDES and/or specific companies that you wanted to make available for families to take.

Email erins@bannerassociates.com or call Erin at 855-323-6342 for more information and to RSVP. Programming will be tied to the number of volunteers who sign up, and we hope to see 5-7 volunteers at Free First Friday on February 1st, and an additional 3 for the AASP Site Visit and 3 for the AASP Family Night. Thank you for your continued support of community outreach events through SDES and the Washington Pavilion. Your involvement is helping to excite and build the next generation of engineers.



FEBRUARY 23, 2019 EASTERN SDES/ASCE AWARDS BANQUET

Holiday Inn Sioux Falls City Centre
100 W 8th Street, Sioux Falls, SD 57104

Join friends and colleagues at this year's SDES/ASCE awards banquet! Arrive early for social hour and hors d'oeuvres while enjoying views from the Starlite Ballroom.

Dinner (buffet style) featuring bacon wrapped gouda chicken, andouille pepper jack stuffed pork loin, roasted vegetables, garlic mashed potatoes, cheese tortellini, fresh fruit salad, and mixed garden greens.

Recognition of this year's SDES and ASCE award winners will be followed by an entertaining evening of casino games, present by the Sioux Falls Jaycees. Tables will include Black Jack, Texas Hold', Roulette, and Aces & Faces. No skill level required. Your evening winnings will be converted to tickets to be placed in drawings for great prizes.

Members' guests are welcomed and encouraged to attend.



ASCE SOUTH DAKOTA SECTION
Eastern Branch

RSVP by Feb. 15, 2019

Name(s): _____

Number of persons attending (Guests encouraged): _____

Member of: ASCE _____ SDES _____ Other _____

SCHEDULE

SOCIAL [5:30-6:30]

DINNER [6:30-7:30]

PROGRAM & AWARDS

ENTERTAINMENT

[8:00-10:15]

Directions: From I-90: Take Exit 400 (I-229) and travel south 4 miles to Exit 6 (10th Street). Turn Right (West) on 10th Street and travel 2.5 miles to Phillips Ave. Turn Right (North) on Phillips Ave and go to 8th Street. Proceed thru the intersection and turn left and arrival at the hotel.

Parking: Parking lot in front of the hotel, additional parking in hotel parking ramp accessible from the west side of the parking lot, and N. Phillips Avenue.

Banquet: The banquet will be held in the Starlite Ballroom on the top floor of the Holiday Inn.

RSVP & SEND PREPAYMENT TO:

JSA Consulting Engineers
Attn: Myron Adam

6810 S. Lyncrest Ave, Suite 101
Sioux Falls, SD 57108
Myron@jsaengineers.biz

Cost: \$25/person

[Make checks payable to
Eastern Chapter SDES]



Culverts, Storm Sewers & Manholes

Design, Installation & Inspection Workshop

6 PDH credits

Holiday Inn Sioux Falls - Airport

2040 W Russell St, Sioux Falls, SD

Sioux Falls, SD

February 27, 2019 (Wednesday)

7:45am – 8:30am Registration – **Continental Breakfast**

8:30 – 8:45 Introductions – opening remarks

8:45 – 10:00 **Pipe Fundamentals**

This session includes an overview of the concrete pipe manufacturing process, structural design theory of culverts and storm sewers, pipe design and strength selection criteria, and “connecting the dots” between pipeline design and installation.

10:15 – 11:30 **Proper Pipe Installation Practices**

This session provides a solid understanding and appreciation of installation best practices, specifications, and material differences for pipe systems. Learn to properly specify, install and inspect rigid and flexible pipe systems.

11:45 – 12:45 Lunch & “Pipe Jeopardy” Quiz – **Mexican Buffet**

12:45 – 2:00 **Post-Installation Inspection**

Post-installation inspection (PII) provides owners of storm sewer and culvert projects the information to determine whether or not proper installation occurred prior to project close-out and final acceptance.

2:15 – 3:30 **Precast Manhole Structures – Fundamentals**

This session covers design and installation of precast concrete manhole structures and related items. A great opportunity to brush up on your manhole knowledge. Manhole basics and unusual situations will be addressed.

3:30 – 4:00 **Wrap up, Q and A**

Registration (deadline: 2-25-19)

There is “NO FEE” for this workshop

Please contact Jim Grothaus, Hancock Concrete, with the names of individuals attending from your firm or agency by **Noon on 2-25-19**. Email: jim.grothaus@hancockconcrete.com cell phone: 651-261-7427

2018-2019 OFFICERS AND CHAIRPERSONS

Officers

President	Lance Weatherly, PE
President Elect	Krista May, PE
Vice President	Ben Scholtz, PE
Secretary/Treasurer	Josh Peterson, PE
Chapter Director(2nd term)	Devin Clay, PE
Chapter Director(1st term)	Riley Rinehart, PE
State Director	Aaron Norman, PE
Past President	Jon Wiegand, PE

Committees

Nominating Committee	Lee Kaffar, BA
Mathcounts	Krista May, PE
Scholarship	Lance Mayer, PE
Events Coordinators	
E-Week	Erin Steever, PE
Winter Social	Gabe Laber, PE
Golf Outing	Gabe Laber, PE
Awards Banquet	Jedidiah Reimnitz, EIT
Awards	Wes Philips, PE
Audio/Visual IT	Chad Stensland, PE
Newsletter	Abby Nelson, PE

SDES Mission Statement

SDES is the state society of engineers from all disciplines that promotes the ethical and competent practice of engineering, advocates licensure, enhances the image of its members, and advocates legislation and public policy for the betterment of human welfare and the profession.

Webex Login Instructions

1. Navigate your internet browser to: <https://sdes-eastern.webex.com>
2. Select "Classic View" from the left column.
3. Select "Attend a Meeting"
4. Find the meeting in the "Search Meetings" Section.
5. Click the "Register" link by the Monthly Meeting.
6. Fill in your first name, last name, email address and hit the "Register Now" button at the bottom.
7. A registration email will be sent with all the information to log into the meeting.

Eastern Chapter of SDDES Goals

- To promote the licensed practice of engineering and to provide learning opportunities that enable licensed engineers to maintain practice competency;*
- To maintain high ethical standards for the practice of engineering and lead the profession in adhering to these principles:*
- To protect the public health, safety, and welfare; while being good stewards of the environment;*
- To incorporate engineering principles and perspectives in government decisions that protect the public; and*
- To consider community service a professional obligation.*

For any and all newsletter articles, additions, edits, corrections, and important dates contact:

Abby Nelson, PE
 HDR
 6300 S. Old Village Place, Suite 100
 Sioux Falls, SD 57108-2102
 605-977-7753
 Abby.Nelson@hdrinc.com

For all *State Society* membership information and other business, contact:

Nancy Hoines
 SDDES Executive Director
 PO Box 1076
 Pierre, SD 57501
 605-951-1004
 sdengineeringsociety@gmail.com

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