



The South Dakota Engineer

July 2017

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SDES

2017-2018

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President's Message

I hope everyone is finding time this summer to spend with family and friends in between our busy professional lives as engineers. The dry summer has been good for construction schedules but hard on our farmers and ranchers in dire need of some moisture. The effects of the drought will likely be felt by all of us in the coming year both at the grocery store and in our jobs.

The Central Chapter is busy finalizing details for the fall PDH conference to be held in Pierre on October 24, 2017. I hope to see you there as the topics and speakers will not disappoint. Thank you to the conference planning committee for all their time and hard work spent planning the conference. The Eastern Chapter is beginning to plan for the 58th Annual Conference to be held in Sioux Falls April 4th-6th, 2018. If you would like to help out on the conference planning committee or have an idea on future topics for the conference please contact Gail Boddicker or myself.

I just returned from the NSPE Professional Engineer's Conference in Atlanta, Georgia where I was honored to serve as SDES's delegate at the House of Delegates meeting. I was accompanied by our Executive Director-Gail Boddicker, President Elect-Ryan Johnson, and SDES member John Ullmann from the Central Chapter. It was an excellent conference with great topics on leadership, ethics, autonomous vehicles, and other technical topics.

Two items were voted on and passed at the House of Delegates Meeting. The first was a new Professional Policy on Diversity which states it is the policy of NSPE to create a diverse and welcoming environment for everyone interested in the licensed practice of engineering. This policy replaces a previous position statement pertaining to women and minorities within the practice of engineering. The entire policy is included later in the newsletter.

The second item was the new membership model that was proposed last year. The model is intended to be more collaborative with the state societies while providing NSPE with a business model that enables them to better accomplish the goal of championing the PE license. It includes a new dues structure (\$299 annual dues) and changes to State-Only memberships. A link to a survey was sent out to all SDES members in late July soliciting member feedback on the proposed model. Approximately 100 surveys were completed and the results showed nearly 52% of the respondents favored the new model and 48% were opposed to it. When asked if the model was passed, should SDES choose to integrate or not integrate, over 74% thought we should integrate while nearly 26% favored not integrating. At the House of Delegates meeting, the new membership model

Have you remembered to pay your membership dues? If you need an invoice, please go to www.sdes.org, where you can pay your dues online or contact Gail Boddicker at 394-6674 or gail.boddicker@sdsmt.edu for a copy of your invoice.

It is a good idea to periodically check your records to be sure your contact information is correct. You can update your information online or contact Gail with the information.



passed with a vote of 81-10. The states that voted not in favor of the new model were Florida, Mississippi, Montana, Oklahoma, and Oregon. The next step for SDES is to work closely with NSPE and determine if we will choose to integrate or not integrate by January 1, 2018. The new model would then take effect on July 1, 2018. Please refer to the website for more information on the new model and contact any of your chapter or state board members with any questions. I am always available to discuss the model and will try to answer any questions you may have.

I encourage everyone to seek out an opportunity to participate with any chapter or state activities. I challenge all of you to extend an invite to current members and non-members to chapter meetings, activities, and outings. I'm sure you will find your efforts rewarding and your time well spent. A personal invite from a current member is our #1 marketing tool and membership in NSPE with all its benefits may lead to a huge impact in someone's career!

Lastly, Governor Dugaard and Sioux Falls Mayor Mike Huether signed proclamations officially proclaiming August 2nd, 2017 as the 2nd annual Professional Engineers Day! It's a day to celebrate licensure and our profession with other PE's around the world. Refer to the NSPE website for more information on PE Day and ideas to promote our profession.

Enjoy the remainder of summer everyone!

Phil Gundvaldson, PE
2017-2018 SDES President



NSPE Professional Policy No. XXXX – Diversity

ADOPTED: July 2017

LATEST REVISION: New

SUNSET DATE: XXXX 2022

NSPE CONTACT: Committee on Policy and Advocacy

Professional Policy: It is the policy of NSPE to create a diverse and welcoming environment for everyone interested in the licensed practice of engineering. NSPE recognizes the benefits of a diverse population of licensed engineers in shaping the future of engineering. Diverse backgrounds foster unique contributions and capabilities and create an inclusive community ultimately leading to a more creative, effective, and technically respected community. NSPE proactively encourages diversity in all areas of the engineering profession and within the organization. NSPE's business entities and volunteer groups are committed to developing business practices and position statements in support of this policy.

NSPE Membership Business Model Motion

Moved, that the NSPE House of Delegates approves and directs the implementation of a new membership business model to be effective July 1, 2018, subject to the final decision on model implementation no later than January 31, 2018.; and *further moved that* a new NSPE membership business model shall be implemented based on the following key elements:

Section 1. Two options for State Society affiliation with the National Organization:

1.A. Integrated Affiliation, based upon:

1.A.1. A unified membership that includes membership in both the National Organization and one State Society for professional members, offered at a society-wide, single dues price point;

1.A.2. The discontinuance of new state-only membership effective June 30, 2018;

1.A.2.a. Grandfathering of existing state-only memberships current to the State Society as of June 30, 2018, billed and administered by the State Society for as long as the State Society chooses to support this membership category and grandfathered state-only members maintain continuous state-only membership.

1.A.3. A division of dues between the National Organization and State Society based upon service/capacity tiers;

1.A.3.a. Service/capacity tiers and placement within tiers shall be reviewed and modified in consultation between the National Organization and participating State Societies at the conclusion of the first fiscal year after implementation (June 20, 2019) and every other year thereafter and may be adjusted between regular reviews if and when a material change in State Society circumstances occur.

1.A.4. The establishment and maintenance of a single membership administration and billing system managed by and the responsibility of the National Organization.

1.B. Non-Integrated Affiliation, based upon:

1.B.1. Non-contingent membership, in which a member may choose to join the National Organization and/or the State Society with no requirement to join both.

1.B.2. All State Society membership administration, financial, and operational activities shall be under the control and the responsibility of the State Society, which shall conduct its own marketing, billing, administration, and service operations.

1.B.3. All terms of National membership within the state and National membership administration, financial, and operational activities within such states shall be under the control and the responsibility of the National Organization, which shall conduct its own marketing, billing, administration, and service operations for National memberships within such states.

And further moved that this action by the NSPE House of Delegates affirms:

Section 2. Regardless of affiliation option selected, all State Societies shall be the sole designated and official affiliated state or territorial component of NSPE.

2.A. The National Organization and all State Societies mutually commit to continue to work together closely and collaboratively for the good of the profession and the professional engineer (regardless of the nature of the affiliation between the partners).

2.A.1. This mutual cooperation shall include joint membership promotion campaigns to encourage new and single-level members to hold membership at both the national

NSPE Membership Business Model Motion

45 and state levels, if and where a Non-Integrated State Society is open to
46 participating in such joint campaigns.

47 *And further moved that the new NSPE business model shall include:*

48 **Section 3. The initial, single dues price point for membership in the National Organization**
49 **shall be \$299;** and

50 3.A. The initial division of dues revenue between the National Organization and Integrated
51 State Societies shall be:

State Society Tier	State Society Dues	National Organization Dues
Lower Capacity/Full Service	\$60	\$239
Moderate Capacity/Premium Service	\$110	\$189
Moderate-High Capacity/Standard Service	\$160	\$139
High Capacity/Basic Service	\$210	\$89

52 3.B. Where dues are discounted (e.g.; graduated dues for engineering graduates), the
53 division of dues between the National Organization and the State Society shall be
54 proportional according to the divisions set forth in Subdivision 3(3.A).

55 3.C. These dues shall remain in place for FY2019 and FY2020 and will be reviewed every
56 other year thereafter.

57 *And further moved that:*

58 **Section 4. In order to implement this action:**

59 4.A. No later than January 1, 2018, all State Societies shall provide the National Organization
60 with a written statement of intent that indicates whether the state or territorial society
61 plans to affiliate with the National Organization via (a) the Integrated Affiliation option,
62 or (b) the Non-Integrated Affiliation option, as well as such other information as may be
63 necessary for NSPE to conduct a business analysis and financial assessment;

64 4.B. The NSPE Board of Directors shall, based upon the State Society affiliation elections,
65 assess the financial and operational feasibility of the model for the National
66 Organization and State Societies (collectively) and take final action to proceed with
67 implementation of this membership business model no later than January 31, 2018;

68 4.C. Assuming a positive decision, the National Organization and State Societies will recruit
69 new members and renew existing members under the respective terms of their form of
70 affiliation, beginning July 1, 2018.

71 *And finally moved that the implementation of this action requires that upon the final action taken*
72 *by the NSPE Board of Directors (per 4B) no later than January 31, 2018:*

73 **Section 5. The National Organization shall prepare and the House of Delegates shall**
74 **(through electronic meetings and/or, if deemed necessary, Special Meetings) complete**
75 **necessary revisions to relevant NSPE Bylaws and Operating Procedures, prior to the effective**
76 **date of these changes (July 1, 2018).**

South Dakota Engineering Society and social media.

Follow us:



Facebook – South Dakota Engineering Society

Twitter – SDESSouth Dakota

I, Gail B., will contribute \$25.00 to the SDES Endowment for each of the first four member's tweets I see in celebration of PE Day. Have fun and thanks for all you do to make my world/life a safe and better place.

Calling on SDES members!! Take a few minutes out of your day on August 2, 2017, and highlight



yourself, colleagues and friends on the 2nd Annual Professional Engineers Day! Let's show the world the talent we have in this great state! Read on for information about Professional Engineers Day and ideas to bring attention to SDES members!

From the NSPE website:

Celebrate Licensure and the Profession with PEs Around the World on August 2, 2017 for the second annual Professional Engineers Day!

On August 8, 1907, the first professional engineering license was issued to Charles Bellamy in Wyoming. Since that time, licensure has expanded and professional engineers across the U.S. have made the commitment to protect the public health, safety, and welfare. NSPE is celebrating licensed professional engineers with the second annual Professional Engineers Day on Wednesday, August 2, 2017. Join us as we raise awareness about what it means to be a PE, recognize licensed PEs, and show appreciation for the work they do each and every day.

Be a part of the virtual event on August 2, 2017!

Use **#LicensedPEDay** on [Twitter](#), [Facebook](#) or [Instagram](#) to:

- Upload a photo or video of yourself, tell us why you decided to become a PE
- Post photos or videos of your team of PEs
- Share your reasons for hiring PEs
- Give special recognition to your PEs in the workplace or on the job
- Educate your colleagues about the importance of the PE license

NSPE champions the PE license and protects its integrity to promote a constant focus on the public health, safety, and welfare.

Executive Proclamation

State of South Dakota

Office of the Governor

Whereas, Licensed professional engineers dedicated to applying scientific knowledge, mathematics, and ingenuity to develop solutions for technical, societal, and commercial problems while holding paramount the public health, safety, and welfare; and,

Whereas, South Dakota licensed professional engineers have made significant contributions on a local and national scale; and,

Whereas, South Dakota economy has grown, in part, because its licensed professional engineers are instrumental to our state; and,

Whereas, August 2, 2017, has been declared Professional Engineers Day by the state of South Dakota Engineering Society in conjunction with the National Society of Professional Engineers, an organization founded in 1934 that represents the interests of more than 31,000 licensed professional engineers and those on the path to licensure, who show the highest level of dedication to their profession in all 50 states and United States territories:

Now, Therefore, I, Dennis Daugaard, Governor of the state of South Dakota, do hereby proclaim August 2, 2017, as

PROFESSIONAL ENGINEERS DAY

in South Dakota.

In Witness Whereof, I have hereunto set my hand and caused to be affixed the Great Seal of the state of South Dakota, in Pierre, the Capital City, this Twenty Fourth Day of July in the Year of Our Lord, Two Thousand and Seventeen.

Dennis Daugaard

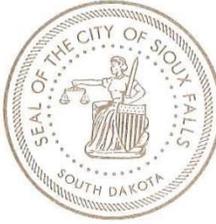
Dennis Daugaard, Governor

Attest:

Shantel Krebs

Shantel Krebs, Secretary of State





Mike T. Huether
MAYOR, CITY OF SIOUX FALLS

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Phone: 605-367-8800 • Fax: 605-367-8490 • Hearing Impaired: 605-367-7039

Proclamation

WHEREAS, licensed professional engineers dedicated to applying scientific knowledge, mathematics, and ingenuity to develop solutions for technical, societal, and commercial problems while holding paramount the public health, safety, and welfare;

WHEREAS, South Dakota licensed professional engineers have made significant contributions on a local and national scale;

WHEREAS, the city of Sioux Falls and the South Dakota economies have grown, in part, because its licensed professional engineers are instrumental to our city and state;

WHEREAS, August 2, 2017, has been declared **Professional Engineers Day** by the South Dakota Engineering Society in conjunction with the National Society of Professional Engineers, an organization founded in 1934 that represents the interests of more than 31,000 licensed professional engineers and those on the path to licensure, who show the highest level of dedication to their profession in all 50 states and U.S. territories;

NOW, THEREFORE, I, Mike T. Huether, Mayor of the City of Sioux Falls, do hereby proclaim August 2, 2017, as:

PROFESSIONAL ENGINEERS DAY

in Sioux Falls and call upon all citizens to join me in this special observance.



IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the City of Sioux Falls to be affixed this 2nd day of August, 2017.

Mike T. Huether, Mayor

SOUTH DAKOTA ENGINEERING SOCIETY

MEMBERS IN THE NEWS

Congratulations to **Kristi Honeywell, PE**, on her new position as Pierre City Administrator!

Pierre has a new city administrator, the top full-time municipal employee, less than two weeks after Leon Schochenmaier stepped down after 11 years at the post.

The Pierre City Commission on Tuesday approved the hiring of Kristi Honeywell, South Dakota's state engineer, effective Aug. 14, after Mayor Steve Harding made the motion to hire her.

Like Schochenmaier, who spent a career as an engineer in state agencies, Honeywell has worked as an engineer for the state for 24 years.

Honeywell grew up in Cape Girardeau, Missouri, on the Mississippi River's west bank, where she earned a bachelor's degree in chemistry and math at Southeast Missouri State.

She earned a master's degree in civil engineering from the University of Missouri in Columbia.

She currently holds two positions for the state: she's the state engineer and the deputy commissioner for the state Bureau of Administration.

Her state job means, among other things, that she's in charge of all of the state government's buildings and grounds, including the campuses and the vehicle fleets across the state.

The fact that the heart of the state's properties could be said to be in Pierre, in and around the Capitol, means that she has worked closely with city employees here, she said.

Honeywell currently earns \$99,119 a year, according to the state's salary website, so her new job comes with a pretty good pay increase of 28.6 percent, to \$127,500 annual salary as city administrator.

That's about \$7,620 less than Schochenmaier was making. But, she will be pretty close to that level when she gets the 5 percent increase - about \$6,375 - on Jan. 1, 2018, that is part of her contract approved on Tuesday.

"I'm really looking forward to this and it gives me the opportunity to give back to the community that I have been calling home for almost 25 years," she told the commission.

She and her husband moved here a quarter century ago and found Pierre "a fantastic community to raise a family," Honeywell said. Their son is 23 and their daughter is 20.

Honeywell "has worked with a lot of the city's staff in the past," and "has a great skill set that will serve the community well," Mayor Harding said. "With your engineering experience, construction experience and management experience, you will be a great fit for our community."

Utilities Director Brad Palmer will continue as interim city administrator until Honeywell begins on August 14.

On Tuesday, she moved around greeting the five commissioners and Palmer, and said that she was planning to begin attending some meetings.

Harding said when he took office July 1 that he wanted to fill Schochenmaier's position quickly because the annual budgeting process begins this month.

Former Mayor Laurie Gill announced early this year, shortly after Schochenmaier announced he was retiring June 30, that she wanted to start quickly to find a successor who would be ready to start July 1.

Three finalists - all men - were interviewed in May in Pierre and Gill planned to name a new administrator in June.

But the man offered the job said he decided he couldn't leave his Wyoming community because of family considerations. City leaders decided against hiring either of the other two men who were finalists..

A new hiring process was set up and Honeywell was interviewed last week, one of two people interviewed.

Honeywell starts out with close ties with city work.

The city's primary street project this summer - redoing about three blocks of Capitol Avenue in front of the Capitol, including replacing a 1927 water main between state buildings - has meant city and state leaders working closely together to minimize the disruption to parking, water and traffic.

The project is going well and should be completed on schedule before school starts next month, Palmer told the commission on Tuesday.

The state Bureau of Administration was a key agency working with the city on the project.

"Because of my current work, I am fortunate to already have a relationship with a number of city employees," she said in a city news release on Tuesday. "I know they will help me get acclimated quickly and help make the transition as smooth as possible for everybody involved."

(From the Capital Journal)

Congratulations to **Clyde Jundt, NSPE/SDES Life Member, CE Chapter**, for being selected into the South Dakota Transportation Hall of Honor!

PIERRE, S.D. – **Clyde Jundt** from Pierre and Mark Knight from Aberdeen have been chosen for induction into the South Dakota Transportation Hall of Honor for 2017.

The purpose of the Transportation Hall of Honor is to recognize those who have made a lasting, valuable or unique contribution to South Dakota's air, highway or rail transportation system. The South Dakota Transportation Hall of Honor dates back to 1972 and now includes 88 inductees.



Clyde Jundt is a former South Dakota Department of Transportation employee who retired in 1994 after 37 years. Clyde graduated from South Dakota School of Mines and Technology and served in the U.S. Army. During his time with the department he was passionate about providing practical engineering for structures to effectively link transportation corridors across the state. He was also one of the principal designers of the famous Keystone Wye and "pigtail" bridges on U.S. Highway 16 in the Black Hills.

Banquets to honor both Jundt and Knight will be announced at a later date.

For more information, contact the Department of Transportation at 605-773-3265.

NSPE YEAR IN REVIEW 2016-2017

Year in Review 2016-17

Since NSPE's founding in 1934, every year has brought unique challenges, opportunities, and achievements. In the past 12 months, an active membership and a strong network of chapters and state societies, collaborating with NSPE's national headquarters, have delivered numerous examples of an enduring commitment to the PE.

- NSPE Champions the PE License
- NSPE Stands as the Ethical Guide to the Profession
- NSPE Powers Professional Advancement
- NSPE Unites the PE Community

Championing the PE License

NSPE protects the integrity of the PE license in a changing world and promotes a constant focus on the public health, safety, and welfare.

Nationwide Network in Action

NSPE headquarters worked with many state societies to protect the PE license and the practice of professional engineers.

- **AK:** Following up on a response to a rulemaking by the US Department of Agriculture's Rural Utilities Service that was dismissive of the PE's role in the design of water systems, NSPE leadership met with RUS key staff to underscore the value and integrity of the professional engineer and the role they play in helping rural villages.
- **WA:** The Washington Society of Professional Engineers and NSPE collaborated on an autonomous vehicle proposal for presentation to the Washington Department of Licensing.
- **WI:** The Wisconsin Society of Professional Engineers and NSPE collaborated on promotion of legislation that will strengthen education requirements for taking the PE exam.
- **WY:** To preserve the strength of the PE license, NSPE and the Wyoming Society launched opposition to PE exam waivers.
- **AR, GA, ID, MT, NV, NH, OK, VA, WI:** Quickly responded to increasing attacks on occupational licensing to ensure the preservation of PE licensing.
- **GA, MN, OK:** To prevent regulatory ambiguity in the licensing of PEs, opposed efforts to establish a separate license for structural engineers.
- **AL, FL, KS, KY:** Fought the most recent threats to the use of qualifications-based selection in the procurement of design services.
- **MI, OH, SC:** Contested bills challenging the PE's decision-making authority regarding the specification of piping used for water supply, wastewater, ~~stormwater~~, or storm drainage projects.
- **NC, OR:** Challenged legislation obscuring the line between interior design and the legally defined practice of engineering.
- **ME:** Opposed a bill to repeal continuing education requirements for PEs.

www.nspe.org/advocacy

A Growing Federal Presence

NSPE represented professional engineers to numerous federal agencies, Congress, and organizations in the nation's capital. Here's a summary of the messages NSPE delivered on behalf of PEs and new rules that call for the PE's expertise.

NSPE's Message to...

- **Department of Energy:** In all stages of assessment and development of the electric grid, professional engineers should be involved.
- **Office of Personnel Management:** Use of the term "professional engineering" to define positions that are not professional engineering positions creates substantial confusion about job scope and responsibilities. NSPE urged OPM to revise the engineering licensure standard to require compliance with state licensure laws.
- **Chemical Safety Board:** PEs and the public rely on the CSB's work; Congress should fully fund the agency in the Fiscal Year 2018 budget.
- **Department of Transportation:** Professional engineers must play a key leadership role in the innovation, rebuilding, and growth of the nation's transportation infrastructure. PEs can provide DOT with critical expertise and serve a unique role in infrastructure development as the individuals in the decision chain who have a duty to put the public safety first.
- **Federal Trade Commission:** Due to recent attacks on occupational licensure, NSPE educated the FTC's Economic Liberty Task Force about the critical value of the PE to protecting the public.

New Rules

- **Environmental Protection Agency:** NSPE action led to requirements for PEs in the certification of containment buildings for hazardous waste and the preparation/approval of design plans for gas collection and control systems at landfills.
- **Bureau of Safety and Environmental Enforcement:** NSPE action led to updated oil and natural gas production safety rules that increased the role of PEs.

Even More

- **Autonomous Vehicles:** NSPE pushed for independent testing and third-party certification of AVs and took its message to the National Academy of Engineering, the California DMV, the Florida Automated Vehicle Summit, and the National Highway Traffic Safety Administration.
www.nspe.org/autonomous
- **New Resources:** PE advocates now have access to an online Threats to Professional Licensure Map, new advocacy tools, and reports summarizing state laws and rules on exemptions to PE licensing laws, definitions of the practice of engineering, education and experience requirements, licensing fees, and continuing education requirements.
- **In the Courts:** NSPE filed a brief with the Maryland Supreme Court in June 2016 to support an economic loss doctrine that protects design professionals against limitless claims by contractors with whom the design professionals do not have a direct contractual agreement for economic damages. In a victory for PEs and NSPE, in February 2017 the appellate court affirmed the lower court ruling, applying the economic loss rule in connection with an engineer's design of a wastewater treatment plant.
www.nspe.org/advocacy

Standing as the Ethical Guide to the Profession

NSPE gives voice and impact to the practice of ethical engineering and serves as the profession's most respected ethics authority.

- **Authoritative Expertise:** The Board of Ethical Review published 12 new ethics case studies, bringing the total number of published cases to more than 600. These cases are widely used by practicing engineers and students.
www.nspe.org/ethics
- **Who's Driving?** Shared expertise by moderating a panel on Ethics and Autonomous Vehicles at the Annual Convocation of Professional Engineering Societies.
- **Ethics Education:** Provided a year's worth of courses, covering concepts such as objectivity and truthfulness; employment; public health, safety, and welfare; confidentiality; communications issues related to the public health and safety; and licensure and professional practice concerns.

Powering Professional Advancement

NSPE provides the tools PEs need to keep current in the profession and advance their careers.

- **Online Learning:** Provided members with courses on topics such as career success, team-building strategies, improving soft skills in engineering, and critical thinking.
www.nspe.org/PEInstitute
- **Building Connections:** NSPE's Professional Engineers Conference is the only national conference in the US dedicated specifically to the needs of practicing PEs and those who support the profession.
www.nspe.org/pe-conference
- **15 Free Webinars:** Each year, all NSPE members have access to a new lineup of 15 free webinars.
www.nspe.org/15forFree
- **Top Honors:** Recognized the career achievements of engineers with the Distinguished Service Award, Young Engineer of the Year Award, PEHE's Engineering Education Excellence Award, the PEGASUS Award, and the Federal Engineer of the Year Award.
www.nspe.org/awards

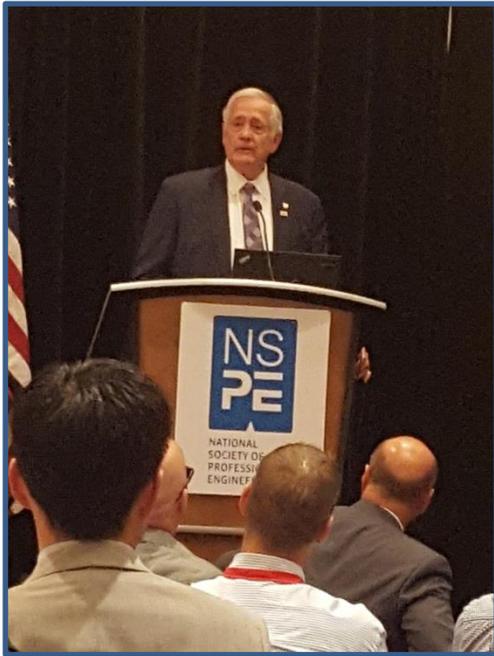
Uniting the PE Community

NSPE connects like-minded professionals at all stages of their careers.

- **Join the Conversation:** NSPE's online Communities are connecting members from across the country, building professional networks, and encouraging dialog on professional issues. Join the more than 3,700 members who are taking part.
<https://community.nspe.org>
- **New Day, New Look:** To date, 27 state societies have adopted the new visual identity of the NSPE network.
- **PE Pride:** The inaugural Professional Engineers Day was a nationwide hit! The mostly virtual event saw NSPE members, partner organizations, engineering firms, engineering schools, and even the general public recognizing PEs and posting the #LicensedPEDay hashtag across Facebook, Twitter, and Instagram.
www.nspe.org/PEday

Access a PDF of this brochure at www.nspe.org/review16-17.

PHOTO HIGHLIGHTS OF NSPE PECON 2017 ATLANTA, GA



Tom C. Roberts, P.E., Fellow NSPE
installed as NSPE President 2017-2018



Below: Ryan Johnson, SDES President-elect and
Phil Gundvaldson, SDES President, at NSPE Installation
Ceremony. Thank you for your service and support!



NSPE/SDES Members at
NSPE PECON 2017



Ryan, Phil and John Ullmann,
SD Game Fish and Parks, CE
Chapter.

Special thanks to the following firms for their support of the South Dakota Engineering Society:



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