



The South Dakota Engineer

May 2015

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SDES

2015-2016

EXECUTIVE COMMITTEE

PRESIDENT

Stacy Froelich, P.E.

PRESIDENT-ELECT

Brian Jenner, P.E.

VICE PRESIDENT

Philip Gundvaldson, P.E.

SECRETARY-TREASURER

Steven Myer, P.E.

PAST PRESIDENT

Todd (T.J.) Yerdon, P.E.

President's Message

Stacy A. Froelich, MS, P.E., 2015-2016 President

Welcome to the start of the New Year for SDES. I want to thank everyone for giving me the opportunity to be your president for this coming year. Thank you to Todd (T.J.) Yerdon, for his time and dedication as president over the past year. He has been a very valuable leader for the State for many years. I also want to thank the other State and Chapter leaders that helped our organization have another successful year. I'm always astonished by the time, devotion, and commitment that is volunteered to make our State and Chapters successful.

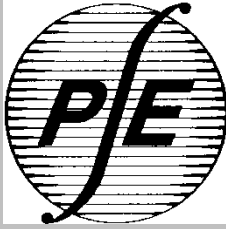
The 55th Annual Conference held in Pierre was a great success. The event brought over 150 people to the conference. Thanks to the Central Chapter for organizing such an amazing event, especially Andy Bruels, Conference Chairperson. In addition thank you to all that attended, sponsored, presented, and supported the event.

At the Annual Conference, the Annual SDES Joint Board of Directors Meeting was held. The outgoing and incoming Board of Directors had a great discussion regarding a host of topics. One major topic was the decline in membership. **I would encourage each one of you to invite a prospective member to the next chapter event.**

Another topic was the discussion on raising membership fees. The State has not raised membership fees since 2007. Starting July 1, 2015, the State only membership will increase to \$120 and the National/State Tier III membership will increase to \$250. This is primarily due to the confusion associated with online payment, which is causing an accounting nightmare.

The Board conversed about the on-going discussions with the South Dakota Board of Technical Professions regarding accurate PDH log and recordkeeping. The State Board is going to work with South Dakota Board of Technical Professions to ensure that recordkeeping meets their criteria and will provide the chapter information as the discussions are on-going.

The Endowment fund will be providing three \$400 scholarships, one to each chapter, to award to a student. This is outstanding for our organization to be able to assist students with their engineering education. Thank you to everyone that



NSPE
Leadership Toolbox

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.

As a reminder, if you wish to pay your membership dues by check, please contact Gail for a revised invoice – the invoice that you initially receive has the credit card transaction fees applied. If you pay by check, I will revise your invoice to deduct those charges.

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.

has contributed over the years to make this a success.

Recently the South Dakota Engineer Society received some national recognition. In the latest couple of editions the PE magazine, the Eastern and Central Chapters were recognized for their work during Engineers Week. Thank you to all the volunteers that make Engineers Week a huge success for our State. http://www.pemagazine-digital.com/pemagazine/march_2015?pg=31#pg31

Some things to look out for in the coming weeks and months, the proposed bill regarding signatures on plans and specifications that is being proposed by the South Dakota Board of Technical Professions. Comments are due by May 11, 2015. In addition, Mark Humpheys has left South Dakota Board of Technical Professions. As of today, the executive director position is vacant. This will provide a new opportunity for our Board to open the line of communication with Board of Technical Professions regarding recordkeeping and more involvement in the future.

With the passing of Senate Bill 1 during the last legislative session, new administrative rules regarding the Bridge Improvement Grant (BIG) and County/Highway Bridge Improvement Plans will be coming out for reviews and comments.

Once again thank you for allowing this opportunity to serve as your President. I am looking forward to another successful year for the Society.

Stacy



ENGINEERING A STRONGER PROFESSION

NSPE is on a mission of organizational innovation and development to effectively serve the licensed professional engineer and those on the licensure path.

If you haven't already seen the video and other resources related to the Society's new Statement of Strategic Direction, check out www.nspe.org and the link to "Mission: Engineering a Stronger Profession."

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SOUTH DAKOTA ENGINEERING SOCIETY 2014 STATE AWARDS

The South Dakota Engineering Society annual presentation of awards to honor the engineers and projects in South Dakota was held on Thursday, April 9, 2015, at the Ramkota Hotel, Pierre, SD during the SDES 55th Annual Conference.

YOUNG ENGINEER OF THE YEAR MICHELLE CARTER, PE, SIOUX FALLS, SD

This award is established to recognize young SDES members who have made outstanding contributions to the engineering profession and their communities during the early years of their careers.

Michelle Carter, PE, was honored as the South Dakota Engineering Society's 2014 Young Engineer of the Year.



Pictured are (l to r) Michelle Carter, PE, and TJ Yerdon, PE, who presented the award on behalf of the South Dakota Engineering Society.

The City of Sioux Falls started a large-diameter sanitary sewer main replacement project several years ago. This was driven by some capacity issues and new development. Michelle was assigned as the project engineer for these initial projects. Michelle had not been involved much with the City prior to these projects, and Michelle quickly earned the respect and trust of the City in that first project. Since that first project, HDR was solesourced for the remaining large sanitary sewer projects for the City. There have been approximately \$40 million of projects completed for the City over the last 8 years and Michelle has been the key design and construction engineer for all of these projects. These projects are primarily included removal and replacement of existing large-diameter sewer in

the same alignment. As a result, these projects include significant bypass pumping systems to convey the flow around the construction area. The bypass systems are a critical component of the construction projects as adequate sizing and redundancy are required to be included in the project specifications. Michelle has developed a consistent design approach to this bypass pumping and this information has been useful for other HDR offices.

Michelle was selected by HDR management to be a part of their Career Skills Program which recognizes and develops future leaders of HDR in two modules. The program graduates 45 protégés per year from the program nationally and since HDR has over 8000 employees, therefore this is a very select group. Her Career Skills training was to equip these select HDR professionals with the skills necessary to advance their career development and develop their leadership skills in a 13-month, three-track program which includes a focus on building fundamentals for success through the Dale Carnegie program, building business skills through interaction with the Regional Management Teams and Business Group Representatives, and developing participants into HDR Leaders.

ENGINEER OF THE YEAR CHAD HANISCH, PE, SIOUX FALLS

This award is established to recognize SDES members who have made outstanding contributions to the engineering profession, the public welfare, and/or humankind.

Chad Hanisch, PE, was honored as the South Dakota Engineering Society's 2014 Engineer of the Year.



(Laurie Schultz, PE, SDES Awards Chairperson presented the Engineer of the Year Award to Chad Hanisch, PE)

Chad co-founded Infrastructure Design Group, Inc. in 2012 and serves as the company's President. Infrastructure Design Group is considered a small firm with BIG experience. The company is focused on listening, providing personal service, effective communication, and cost-effective solutions. Infrastructure Design

Group, Inc. provides professional engineering, surveying, and consulting services to local municipalities, county and state DOT's, and other state departments, as well as private sector clients. The company has grown from two employees in 2012 to seven full-time employees today. Along with his work ethic, Chad's 18 years of experience focused on municipal engineering related services has prepared him for business ownership. His trusted relationships developed over his career have developed into a dedicated client list and several trusted teaming partners.

Chad generates budgets, reviews financials, markets the firm and completes sales activities, and trains and mentors staff. He has familiarized himself with federal and state laws and regulations pertaining to doing business, employees, benefits, and completes payroll and several of the companies accounting functions. Over the course of his career, Chad has been involved in the design and project management of numerous significant sized projects.

Project experience includes:

- o 69th Street Improvements – Charger Circle to Southeastern Avenue
- o Cliff Avenue Corridor Improvements – Chambers Street to Benson Road
- o Cliff Avenue Corridor Improvements – Benson Road to 60th Street North
- o 33rd & Duluth Drainage Basin Improvements
- o Career Avenue Improvements
- o 60th Street Corridor Study
- o Eastside Reservoir and Pump Station Improvements
- o 57th Street Composite Water Tower
- o Louise Avenue Improvements – 49th Street to 57th Street
- o Basin 13 Trunk Sewer Improvements

Many of these projects have been nominated for awards through various organizations.

OUTSTANDING ENGINEERING ACHIEVEMENT AWARD DENNY SANFORD PREMIER CENTER

This award is established to acknowledge the accomplishments of the engineering profession. Each year SDES recognizes engineering achievements that have captured the innovative and dynamic spirit of a profession dedicated to public service.

The purpose of this project was to build a quality multipurpose facility that would host sporting events, concerts, conventions, banquets, etc., and that would improve the quality of life and stimulate economic return to the citizens of Sioux Falls.

South Dakota Engineering Society
2015 – 2016 SDES Board Executive Committee



Elected as the 2015-2016 SDES Executive Committee (above, left to right) are:

President Stacy Froelich, MS, PE, Pierre, SD
Secretary-Treasurer Steven Myer, PE, Volga, SD
Vice President Philip Gundvaldson, PE, Sioux Falls, SD
President-Elect Brian Jenner, PE, Rapid City, SD
Past President TJ Yerdon, PE, Sioux Falls, SD

[SDES April Joint Board Meeting Draft Minutes](#)

SOUTH DAKOTA ENGINEERING SOCIETY
SPRING BOARD OF DIRECTORS MEETING MINUTES
WEDNESDAY, APRIL 8, 2015

Members and Guests Present:

TJ Yerdon, President
Stacy Froelich, President-Elect
Philip Gundvaldson, Secretary-Treasurer
Myron Adam, Past President
Chris Bailey, BH Chapter President
Al Berreth, CE Chapter State Director
Andy Bruels, CE Chapter President
Chad Hanisch, University & Public Relations
Bill Holder, 2015-2016 Black Hills Chapter President

Ryan Johnson, Eastern Chapter President
Jason Kjenstad, Endowment and SDLTAP
Jesse Morris, Mathcounts Chair
Steven Myer, 2015-2016 Secretary-Treasurer
Ray Pierson, 2015-2016 Eastern Chapter President
Laurie Schultz, Awards Chair
Kodi Verhalen, NSPE Vice President
Gail Boddicker, Executive Director

President Yerdon called the meeting to order at approximately 2:00 p.m.
Gundvaldson confirmed a quorum for the meeting.

The IRS is now inquiring whether non-profit tax-exempt entities have adopted a Conflict of Interest Policy; hearing no conflicts from the board members in attendance, Yerdon proceeded with the meeting.

Approval of the Agenda

Yerdon revised the agenda to move the budget discussion to the end of the meeting agenda. Froelich made a motion to approve the amended agenda, Gundvaldson seconded the motion and the motion passed.

Minutes of Previous Board Meeting

Adam made a motion to approve the January 28, 2015, board minutes, Bailey seconded the motion and the motion passed.

President's Report - President TJ Yerdon, PE

Yerdon reported that he, Gundvaldson, and Boddicker met by conference call with Mark Humphreys, the SD Board of Technical Professions executive director, to discuss the correct method to document PDH attendance. Humphreys suggested that the SDES provide certificates for attendance at PDH events. During the discussion, Humphreys mentioned that he was leaving the BTP to take another similar position in his home state. With that information, Yerdon recommended that SDES broach this issue/discussion in the future with the incoming executive director.

The legislative session passed the SB1 – Road and Bridge Funding. SDES supported the Roads Are Vital Coalition which was instrumental in helping pass the bill.

Deferred the Mathcounts discussion to Jesse Morris' report which will be discussed later in the meeting.

The executive committee met by conference call to discuss the executive director's contract. The board requested that Boddicker provide a written report depicting the work she provides for the association.

President-Elect's Report - President-Elect Stacy Froelich, PE

Froelich thanked everyone for attending the meeting and supporting the

conference.

Vice President's Report – Vice President Brian Jenner, PE

No report.

Executive Director's Report – Boddicker

Boddicker provided a written report on NSPE/SDES issues since the January meeting. Boddicker was instructed to document the time she spends on SDES projects. The board also wants a report that depicts the projects that she works on. Boddicker was asked to review the revised contract and send comments back to the board by the July meeting.

ALL REPORTS WILL BE SUBMITTED IN HARD COPY FOR DISTRIBUTION AT THE MEETING AND IN DIGITAL FORM TO BE PUBLISHED IN THE ENGINEER.

Goal 1: Promote the competent, ethical, and professional practice of engineering.

Membership – Gail Boddicker, Executive Director

Boddicker reported that she is concerned with the decrease in membership since the January meeting. The three-level member has experienced a decrease of 18 NSPE since 2014. Boddicker presented the problem she is experiencing with dues payments. When a member receives their invoice, they are provided with an email that informs them the invoice reflects the credit card transaction fees. They are instructed that if they do not wish to pay the online transaction fee, they can request a revised invoice that will be the correct amount and they can pay by check. There are members that are paying by check and are including the fee with their payment; therefore, those members are overpaying their membership dues. The board instructed Boddicker to notice those members and inform them of the issue and ask them if they want a refund but to also suggest that they can request that the overpayment go to the SDES Endowment. No credit will be given.

Following discussion, Pierson made a motion to increase NSPE membership dues to \$250.00 and the State Only membership dues to \$120.00. Adam seconded the motion. The motion was amended to increase the Graduated Dues, Affiliate Membership as well as any other outlaying membership to the nearest \$5.00 increment. If NSPE increases their dues, then SDES will need to increase its dues to follow. Gundvaldson seconded the amended motion. The motion was approved.

Goal 2: Enhance the image and stature of engineering professionals.

University and Public Relations

Hanisch met with ASCE students at SDSU and several new student members were initiated. The question now is how to engage these students so that they can see the benefit of the organization. No action was taken.

Goal 3: Provide education, professional development, networking opportunities, and other benefits to engineering professionals and students.

SDES 2015 Annual Conference – Andy Bruels, PE

Bruels, the annual conference planning committee chair, welcomed the board and all to the annual conference.

Awards – Laurie Schultz, PE

Schultz reported that the Young Engineer of the Year, Engineer of the Year, and the Project of the Year will be presented at this year's annual conference. The board thanked Schultz for her service as she is stepping down from the position. Brad Ludens has volunteered to assume the position.

Endowment Promotion – Jason Kjenstad, PE

Kjenstad reported that the Fair Market Value of the SDES Fund is at 30,000. Funds available for distribution are \$1200. Kjenstad requested that SDES provide a \$400 scholarship for each of the chapters. **Boddicker will forward the documents required by the Foundation to the chapter scholarship chairs. The Foundation requires the information such as name, address, SS#, university the recipient will be attending plus names of the scholarship committee members.**

MATHCOUNTS – Jesse Morris

Morris reported that the state competition was successful. He discussed the issue of rotating the competition between Rapid City and Sioux Falls rather than holding it in Pierre and they would appreciate the competition being held in Pierre or Chamberlain area.

The 2016 competition is scheduled for March 12, 2016.

Goal 4: Advocate the interests of engineering professionals and protect the public through an effective government relations program.

Design Professionals Coalition – Al Berreth, PE, Jeff Hines, PE

Yerdon thanked Berreth for the updates and information that was provided during the legislation session. The session ended with the passage of SB1, the road and bridge funding legislation.

Licensure – Brian Jenner, PE

No report.

SD Local Transportation Assistance Program – Jason Kjenstad, PE

The South Dakota Local Transportation Assistance Program (LTAP) provides training opportunities that are available through the Transportation Learning Network that are beneficial and the members were encouraged to check into their programs. Kjenstad reported that the LTAP members have spent a lot of time discussing SB1. The DOT will be developing regulations on how to fund the projects. No action taken.

Goal 5: Align the structure, activities, and governance of the society to optimize support and resources for all programs.

Strategic Planning Task Force

No report. **Froelich plans to reintroduce the Task Force and will be asking for volunteers to lead an effort for the Strategic Plan.**

Nominations – Myron Adam, PE/LS

The following members have been approved as the 2015-2016 SDES executive board:

Past President – Todd Yerdon, PE

President – Stacy Froelich, PE

President-Elect – Brian Jenner, PE

Vice President – Philip Gundvaldson, PE

Secretary/Treasurer – Steven Myer, PE

Chapter Activity Reports

Black Hills Chapter

The chapter held their elections and Bill Holder is the incoming president.

Central Chapter

President Bruels reported that the chapter was busy planning for the 2015 annual conference; Bruels will step down from the president position after serving two years in the position.

Eastern Chapter

President Johnson reported that the chapter has held their monthly chapter meetings; their awards banquet during Engineers Week was very successful with over 90 attendees; the chapter was highlighted in the NSPE PE Magazine for their EWeek activities; the members attended a Stampede Hockey game outing; they provided \$1000 to Engineers Without Borders and \$1000 to the Fellowship of Loose Screws – a programming club; they contributed \$8800 in scholarships during EWeek and contributed \$200 to Patrick Henry Middle School to help offset expenses for their outing to SDSU.

New Business

NSPE Convention

This year's NSPE Annual Meeting, *The Future of the Professional Engineer*, will take place July 15-18, 2015, in Seattle, Washington with the annual HoD Assembly being held on July 18. The conference hotel is the Renaissance Seattle Hotel. Yerdon will represent SDES as the House of Delegate representative. There was a motion to approve Boddicker to attend the conference, Gundvaldson seconded the motion and the motion was approved. Froelich made a motion to appoint Phil Gundvaldson as the 2015-2017 House of Delegate and Brian Jenner as the alternate HOD; Johnson seconded the motion and the motion was approved.

Kodi Verhalen, PE, NSPE Vice President

Verhalen reported on the following:

1) NSPE support from the legal fund for the Illinois Prevailing Wage Issue. Illinois Dept of Labor issued an opinion for survey workers and created an "inspector" classification. Illinois SPE is disputing the DOL determination with a group of other

professional societies.

2) Although it did not participate in the briefing or oral arguments, NSPE has issued a public statement to clarify the SCOTUS decision in *North Carolina State Board of Dental Examiners v. FTC*. Issue was anti-trust concern of the Board regulating outside its jurisdiction. Some have tried to use the case to claim it invalidates state licensing boards, but it does not.

3) Recent CBS 60 Minutes story on PE who reported that others were falsifying post-Hurricane Sandy reports. Investigation is still ongoing. NSPE has issued a statement recognizing the PE who made the ethical call and courageous decision to bring what he discovered regarding these reports to the appropriate authorities.

4) NSPE recently overhauled its procedures for the development and sunset of Professional Policies and Position Statements based on work by the Professional Policies and Position Statements Development Task Force in fall 2014. The TF recommended the Board adopt procedures that would require proposers of PPs or PSs to provide, with their proposal, documentation identifying any and all outreach done outside the proposer committee/task force/IG and a recommendation as to whether an opportunity for comment by the broader membership should be provided. Additionally, the TF recommended that all PPs and PSs sunset after 7 years from ratification unless ratified for another 7 year period by the appropriate governing body. The procedure, as it relates to PPs will be reviewed with the HoD in July.

5) NSPE Annual Meeting in Seattle. Many great continuing education programs and education tracks. Theme is the Future of the Professional Engineer. All are invited to attend.

6) NSPE is investigating a Leadership Development Institute that would complement those of state societies. The TF report is expected for the April BoD meeting.

7) VA amicus brief. NSPE joined in arguing the trial court misapplied the law by finding that the PE had to independently verify manufacturer specifications and that the statute of limitations didn't begin to run until the project proposer obtained permits for the project although the PE design work was done several years in advance and did not appear to be updated along with the permitting effort.

2015-2016 Committees

Froelich announced the committees:

Awards – Brad Ludens; DPC – Al Berreth and Jeff Hines; Endowment – Jason Kjenstad; Licensure – Brian Jenner; Membership – Executive Director; Nominations – TJ Yerdon; University and Public Relations – Chad Hanisch; Mathcounts – Jesse Morris; and SDLTAP – Jason Kjenstad.

Treasurer's Report – Phil Gundvaldson, PE

Adam made a motion to accept the third quarter financial reports, Froelich seconded the motion and the motion passed.

2015-2016 Budget

Boddicker distributed a funding request proposal from Cole Titze. Cole's middle school robotics team has qualified for the VEX Robotics competitions and the team is requesting donations to help offset equipment and other expenses. It was discussed and approved that when the executive director receives proposals as this, that she/he should forward the proposal to the relative chapter.

Adam made a motion to approve the budget as discussed, Johnson seconded the motion and the budget was approved.

SDES Annual Conference Rotation

The Eastern Chapter members are concerned with the rotation of the conference. When the Northeastern and Southeastern Chapters merged into the Eastern Chapter, it was decided that the Eastern Chapter would assume the responsibility to host the conferences as though they were two chapters. In essence, they host the fall conference for two years consecutively and then, the annual conference for two years consecutively. The members are overwhelmed with planning responsibilities and requested the board's discussion. Pierson created a draft plan to revise the conference rotation schedule so that the conference rotates among the three chapters.

The Black Hills Chapter is slated to host the chapter in 2016 but with the suggested revisions, the 2016 would be held in the eastern side of the state and then to the BH Chapter in 2017. **Pierson will send out the proposed rotation changes and Boddicker will forward that information to the board.**

Gundvaldson made a motion to adjourn, Bailey seconded the motion and the motion carried. The meeting adjourned at approximately 5:00 p.m.

Future Meeting Schedule

NSPE Annual Conference	July 15-19, 2015		Seattle, WA
SDES Summer Board Meeting	TBD		
SDES Fall Board Meeting	TBD		Brookings, SD
SDES Fall PDH Conference	October 15, 2015	Days Inn	Brookings, SD
SDES Winter Board Meeting	TBD		

Respectfully submitted, Gail Boddicker, Executive Director

SDES Endowment Fund



Mission Statement: To provide financial support to various educational programs and various societies related activities as recommended by the South Dakota Engineering Society.

At the April 8, 2015, SDES board meeting, the board voted to provide 3- \$400 scholarships for the fall semester. The funds will be granted to the Black Hills, Central Chapter, and Eastern Chapter for scholarship awards.

Beginning
1/1/2015
Activity
Ending
4/15/2015

Net Assets [Show Details](#)

Net Assets - Available for Distribution

\$1,157.75
\$0.00
\$1,157.75

Net Assets - Undistributed Income/Loss

(\$2,882.36)
(\$35.89)
(\$2,918.25)

Net Assets- Unrealized Gain/Loss on investments

\$7,647.95
\$226.36
\$7,874.31

Net Assets - Non-spendable principal endowment

\$22,375.50
\$148.97
\$22,524.47

Total Net Assets

\$28,298.84
\$339.44
\$28,638.28

2015-2016 SDES Budget

The SDES board approved the following budget for the 2015-2016 fiscal year.

South Dakota Engineering Society
2015-2016 Budget

	Approved 07/01/15-6/30/16
Incom	
e	
4000 — Dues	
4010 — Licensed & Non-Licensed Members	16,710.00
4011 — Retired NSPE Members	366.00
4012 — Life Members	0.00
4014 — State Chapter	12,075.00
4016 — State Affiliate	215.00
4018 — Student	0.00
4038 — Chapter Dues	3,263.00
Total 4000 — Dues	32,629.00
4025 — Advertising	
4026 — Position Openings	720.00
4029 — Website	1,620.00
Total 4025 — Advertising	2,340.00
4030 — Annual Conference	
4037 — Conference Income - Annual	
9000 — Advertiser	
9001 — Exhibitor	
9002 — Sponsors	
9003 — Extra Lunch Tickets	
9005 — Member Registration Early	
4037 — Conference Income - Annual - Other	
Total 4037 — Conference Income - Annual	
Total 4030 — Annual Conference	7,000.00
4040 — Fall Conference	
4042 — Conference Income-Fall	
4044 — Costs-Fall Conference	
Total 4040 — Fall Conference	2,500.00
4045 — State Mathcounts	0.00
4075 — Interest	50.00
Total Income	44,519.00
Expense	
5000 — NSPE Meetings	
5002 — PR,PR Elct,Ex Dir	3,000.00
Total 5000 — NSPE Meetings	3,000.00
5010 — Executive Director Fee	
5012 — Fee	29,142.83
5014 — Sales Tax	1,748.57
Total 5010 — Executive Director Fee	30,891.40
5015 — Committee Expense	
5016 — SDES Fund	0.00
5017 — Awards	500.00
5018 — Mathcounts	500.00
5019 — E-Week Public Relations	0.00
5021 — Public Relations	1,000.00
Total 5015 — Committee Expense	2,000.00
5028 — Postage	
5030 — General	100.00
Total 5028 — Postage	100.00
5034 — Design Professionals Coalition	3,000.00

5035 — NSPE Dues	0.00
5038 — Chapter Dues	3,263.00
5040 — Legal & Accounting	800.00
5044 — Meeting Expenses	100.00
5050 — Miscellaneous	100.00
5052 — Office Supplies	100.00
5054 — Telephone	100.00
5056 — Travel-Executive Director	300.00
5060 — Website	1,180.00
Total Expense	44,934.40
Net Income	-415.40

Welcome New SDES Members

Eastern Chapter

Micah Baker	Benjamin Meyer
Chelsea Czaplá	Tanner Odegaard
Matt Dorfschmidt	Dennis Odens
Matthew Fry	Alex Pagel
Cole Gebhart	Sara Pankonin
Gregory Gerardy	Shamimur Rahman
James Hisek	Riley Rinehart
Andrew Humml	Mitchell Shearer
Shelly Iburg	Jonathon Turbak
Derek Lee	Allison Van Horn
Bradley Letcher	Trace Villbrandt
Andrew McDonald	Calvin Wampol
Mitchel McNary	William Wysuph

NSPE NEWS

This summer, join PEs from around the country for networking, continuing education, and discussions about "The Future of the Professional Engineer" in the beautiful Pacific Northwest.

THE FUTURE OF THE PROFESSIONAL ENGINEER

National Society of Professional Engineers

WATCH NSPE.ORG FOR DETAILS

NSPE 2015 Annual Meeting
July 15-19 | Seattle Marriott, Bellevue, WA

It's a career-enhancing opportunity you won't want to miss. Planned education sessions will cover topics such as the Boeing Dreamliner 787 project, BIM/3D design, climate change design implications, obligations of licensure and design/litigation avoidance, the controversial industrial exemption, ethical conduct for engineers, and many others. In addition, there will be an entire day of education tailored to young engineers and those just beginning their engineering journey.

Will you be part of the profession's future? Save the date and be sure to join NSPE at the Seattle Marriott Bellevue, July 15-19, 2015.

Major funding provided by **BOEING**

SHARE WITH COLLEAGUES AND FRIENDS **#NSPE15**

NSPE News for State Society Leaders

NSPE Executive Director's Report to the BoD

TO: NSPE Board of Directors

cc: State Society Executives Council

FROM: Mark J. Golden, FASAE, CAE, Executive Director

DATE: 4 May 2015

RE: Board Update: April 15-30, 2015

1. Member Value

We are working through our membership in the American Association of Engineering Societies (AAES) to bring members the *2015 Engineering Salary Survey*, which will be published under the auspices of the Engineering Workforce Commission of AAES. NSPE successfully ensured that questions on license status were included, which could generate some valuable data on the impact of licensure on earnings.

The survey is now in the field and the broadest possible participation in this research effort is critical. (All individual engineers who respond will receive an executive summary of the salary research findings that can be used to benchmark their salary.) To complete the 2015 Engineering Salary Survey, simply click [here](#). ***The deadline for responding is this Friday, May 8, 2015.*** An e-mail blast has gone out to members and state societies are urged to share the link with their members.

2. Advocacy

On April 21st, NSPE submitted [public comments](#) in fervent opposition to a proposed rule that would weaken certain requirements for a professional engineer as part of the licensing process of deepwater ports. The proposed regulation, issued on April 9th by the US Coast Guard of the Department of Homeland Security, includes two provisions that gravely concern NSPE given their tremendous impact on the public health, safety and welfare: a change to allow unlicensed engineers from within the US, as well as foreign engineers, to perform engineering services that only a licensed PE can perform and a change to allow these unlicensed engineers to submit design and construction plans on behalf of the licensee. Members were notified and encouraged to [submit comments](#) of their own in the proceeding.

As the board is aware, earlier this year NSPE elected to discontinue its financial support of the COFPAES¹ coalition; however, we most emphatically did **not** decide to drop QBS, Federal procurement or the *Brooks Act* as key priorities for the association. In fact, quite the opposite.

¹ Council on Federal Procurement of Architectural and Engineering Services

NSPE determined that the best way to promote the interests of professional engineers in these matters would be by bolstering our own internal capacity to address and advocate for this issue.

Unfortunately, when an NSPE member recently contacted COFPAES with a question regarding a procurement issue, they were told by COFPAES that NSPE was “no longer interested” in these matters. We responded immediately to the member and his state society, tracking him down at home when his work email bounced back. And NSPE Senior Manager of Government Relations Arielle Eiser is actively working with the member now to address the issue. (I also had what my father used to euphemistically describe as “stern words” with the COFPAES administrator over their malicious and knowingly inaccurate communications to our member.)

Bottom line, all’s well that ends well: the member is getting his issue addressed and was favorably impressed with NSPE’s diligence in responding. He wrote: *“Again, thank you very much for the prompt reply and great customer service. This really shows the value of three tier NSPE membership.”*

But unfortunately, while the grapevine works fast, spreads wide, and speaks loudly, it does not always speak accurately. Directors and the states are urged to keep their ears open for misinformation. If you hear through the grapevine that “NSPE is out of the QBS business,” that is emphatically and demonstrably **not** the case.

Representative Sam Graves (R-MO) recently introduced *H.R. 1666, the Design-Build Efficiency and Jobs Act of 2015*. This legislation reintroduces the Congressman’s bill from the 113th. NSPE endorsed H.R. 2750 and its public statement can be read [here](#). As stated in NSPE Position Statement No. 1726: Design-Build in the Public Sector, NSPE recognizes that more than one project delivery system may meet an owner's project requirements as long as proper care is taken to ensure that decisions are *qualification-based*, rather than just considering contract cost. Factors such as safety, function, time from conception to completion, capital and life-cycle costs, environmental quality, and appearance will each play a role in the owner's decision. Accordingly, NSPE acknowledges the roles these factors play and neither advocates nor opposes design-build. NSPE does strongly encourage that when design-build is the selected approach, the two step method always be used. NSPE commends Congressman Graves for working to improve the federal laws pertaining to design build.

The most serious push to overhaul the *No Child Left Behind Act* since it was enacted into law in 2002 saw an important victory for engineering education in K-12 on April 15th, when a STEM amendment was approved as part of the bill. In a close 12-10 vote, the Senate Health, Education, Labor, and Pensions Committee approved the *Franken Title II Amendment*, which is dedicated to improving STEM instruction and student achievement. This amendment incorporates aspects of the *Educating Tomorrow’s Engineers Act*, for which NSPE has been a leading

advocate. While prospects for passage of this bipartisan Senate bill are increasing, the House version remains stalled. However, thanks to NSPE's recent Action Alert, H.R 823 has garnered additional cosponsors in recent days. Members are urged to weigh in and make their voices heard, and can do so through [NSPE's VoterVoice network](#).

3. Content

The National Academy of Engineering is in the early stages of a two-year study on the extent and nature of professional engineering societies' contributions to improving the quality and effectiveness of US undergraduate engineering education. We met with the lead researcher on April 21st and have provided her with a history of NSPE efforts in this regard, from the founding of the society in 1934 on up through the Engineering Body of Knowledge. We will be following up with her as the research proceeds.

Third quarter reports from each committee, council and task force (reviewed by the board on their April 29th conference call meeting) are now available [online](#) for member reference.

The engineering firm, CH2M, recently contacted NSPE for information on continuing education requirements in each of the states, which was ultimately included in their blog: "[Continuing education tips for professional and chartered engineers](#)." The blog author was extremely happy with our help, and the entire blog is extremely pro-license. It's worth a read.

We get mail. A recent communication from a longtime NSPE member seemed worth sharing: *"I've been reading the recent PE magazine issues almost cover-to-cover. It's enjoyable to see such a variety of articles, which makes me proud to have been an engineer for the past 45 years."*

4. Collaboration

President Harve Hnatiuk, President-elect Tim Austin and I participated in the annual National Academy of Engineering Convocation, AAES General Assembly and annual Engineering Public Policy Symposium² on Capitol Hill, April 20-21st. Harve was able to connect and speak with freshman representative Bruce Westerman (R-AK), a licensed engineer who brings to five the number of PEs in the United States Congress. (Congressman Westerman is also a proud, NSPE member.) Following up on these contacts, we are working with the congressman's office to do a feature for the PE magazine, and hopefully a video on the importance of professional licensure and the need for engineers to step up to service and be leaders in all levels of government.

² NSPE was a sponsoring organization for this annual event at the Rayburn House Office Building.

Kudos to Professional Engineers of Oregon ED Belinda Rasmussen. With help from NSPE (NSPE funded half of the conference brochure/membership application costs), PEO has received a record number of registrations for their May annual conference and our marketing partnership has brought in 23 new three-tier members so far!

On April 19th I was a guest at the American Council of Engineering Companies board of directors meeting in Washington, DC. It was an opportunity to network with a number of state society execs who also manage state ACEC affiliates, including: Derek Guthrie (Kentucky), Adam & Joe Jones (South Carolina), Gayle Boddicker (South Dakota), Candy Toler & Kasey Anderson (Tennessee), and Bruce Wylie (Missouri). NSPE Executive Director's Report to the BoD, May 4, 2015; pg. 4 of 5

On April 24th, I participated on a panel at the American Society of Landscape Architects midwinter meeting, with representatives from the Urban Land Institute, American Institute of Architects, and ASCE, discussing diversity, inclusion and engaging young and early career stage professionals.

5. Member Engagement

NSPE's Professional Engineers in Higher Education is spearheading efforts to strengthen our ties to the Order of the Engineer. It recently sent the 1,100 members of NSPE in higher education, information on the "[Links of the Order](#)", organized geographically, urging them to contact the representatives of the nearest Link and connect their institution's graduates with this worthy program. Mathletes (and the army of NSPE members who volunteer to sponsor and support them in the local, state and regional competitions that led up the finals) from around the nation will be traveling to Boston this week to compete in the 2015 MATHCOUNTS finals, May 7–10th

6. Professional and Leadership Development for the Licensed Professional Engineer

On April 22nd, I participated in a day-long validator's workshop on the AAES/Department of Labor Engineering Competency Model. NSPE's subject matter expert on this committee, past-president Teri Helmlinger-Ratcliff, and LQPC member Stu Walesh were also there. The competency model, which has been heavily influenced by NSPE's Engineering Body of Knowledge, is nearing completion. The document will be finalized in the months ahead and published on the [Competency Model Clearinghouse](#) website, part of the US Department of Labor, Employment and Training Administration's CareerOneStop program.

7. Finance, Administration, Operations and Staff Alignment

I am very happy to announce that the new NICET certification program for Inspection & Testing of Fire Alarm Systems for Level I testing went “live on May 1st. The entire Program Development Team (staff and volunteers) deserves a great deal of credit for getting this program developed and on the street on time and on budget! Hopefully we will start seeing applicants and candidates very soon. The Level II tests are being finalized now, and we expect to release this additional level for live testing on or before June 1, 2015.

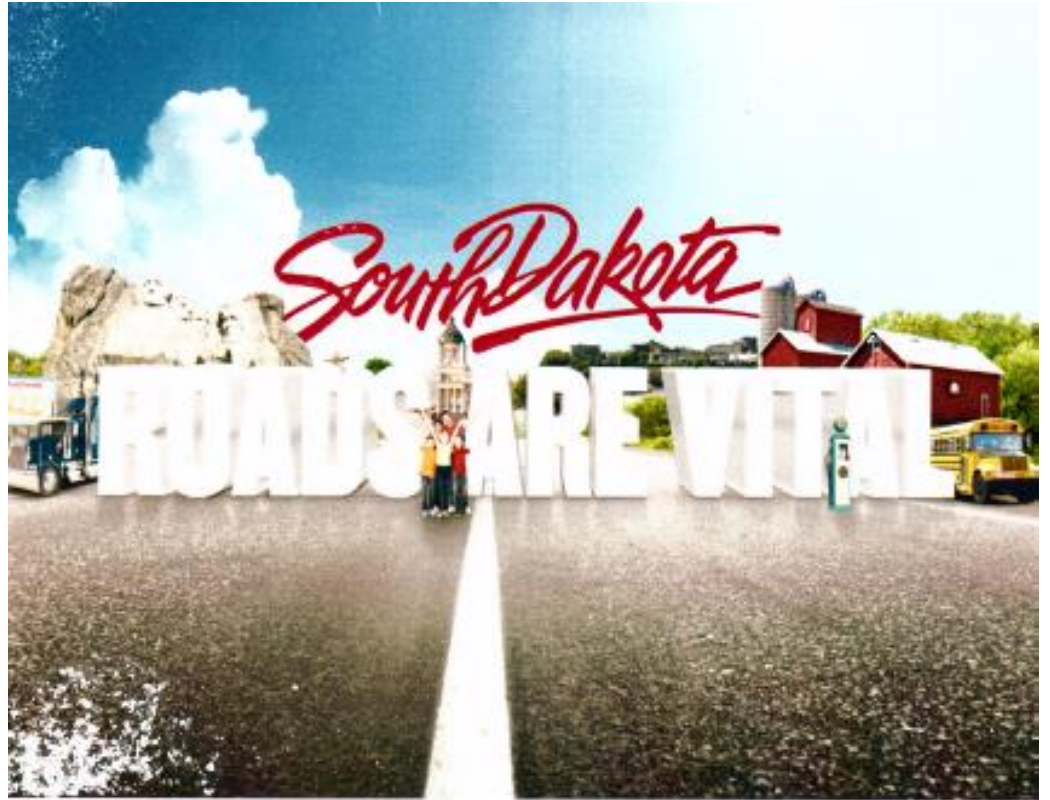
8. Governance

Incoming president Tim Austin reached out to state presidents, presidents-elect and HoD delegates to urge them to review or familiarize themselves with the history and substance of NSPE’s strategic plan. Noting that this year’s annual conference marks three years since NSPE’s kick-off of the *Race for Relevance* (RFR) effort, he pointed out that, because of the turnover in state society leadership and also because the initial term of a NSPE HoD member is two years, not everyone now in leadership is intimately familiar with the RFR effort and the intensive self-evaluations that have occurred to-date. For the RFR effort to be successful, it is important to revisit the foundation upon which we are rebuilding our organization.

He asked the state leaders to familiarize or refresh themselves with the principles of RFR that have been and are now being implemented. To help do this, he encouraged leaders to revisit the [video](#) of my presentation from the 2013 NSPE Annual Conference in Minneapolis, entitled “Back to the Future: A New (Old) Vision for NSPE.” It provides an overview of where we were as an organization, but more importantly, where we are headed.

To help encourage engagement, at the conclusion of the video, viewers will be asked to participate in a very brief survey about its contents. Respondents who correctly answer the questions in the survey will be entered into a drawing for one of two \$25 gift certificates (one for HoD members and one for state presidents) to be given out at the HoD assembly. (The link will be deactivated and the contest will end May 31st.)

Finally, please remember that access to NSPE leadership resources is always available to you in the Leadership Toolbox at www.nspe.org/toolbox. You will need to log in with your user name and password. You can also review a detailed calendar of NSPE and state society events on the website at: www.nspe.org/AboutNSPE/Events/index.html.



I wanted to personally thank you for joining the Roads are Vital Coalition. Because of your support, meaningful highway and bridge funding legislation was passed. Passage of this legislation was truly a team effort, and your involvement made a difference!

Thank you again for your work with the Roads are Vital Coalition!

Doug A. Gross

Kathy Nohr

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