



North Dakota



PROFESSIONAL ENGINEER

March 2006

NDSPE 65TH ANNUAL CONVENTION

APRIL 6 - 8, 2006

RAMKOTA INN - BISMARCK, ND

Thursday - April 6th

4:00 P.M. Board of Directors Meeting
 6:00 P.M. Ice Breaker Social – All registered attendees are welcome

5:00 P.M. Recess Meeting
 5:30 P.M. Social
 7:00 P.M. Banquet

Friday - April 7th

7:30 A.M. Registration Opens
 Continental Breakfast
 8:00 A.M. Convene Annual Meeting
 Welcome by City / State Official
 President's Report
 President-Elect's Report
 Executive Secretary's Report
 9:00 A.M. **Educational Session 1 - Introduction to GIS for Engineers (3 PDH)**
- Brent Jones, P.E., P.L.S., Survey/Engineering Industry Manager, ESRI
- Chris Liske, Technical Marketing Representative, ESRI
 12:00 P.M. Past Presidents' Luncheon – Past Presidents eat free!
 12:40 P.M. Speaker- Rob Bergeron, CAE Director, Membership, NSPE
 1:00 P.M. Tour – Bobcat, Bismarck
 Audit Books
 3:00 P.M. Manitoba Update
 Saskatchewan Update
 Board of Registration Report
 3:30 P.M. **Educational Session 2 – The Rainmaker Group (1 PDH - Topic TBD)**
 4:30 P.M. Nominations Committee Report
 Elections
 Chapter Reports

Saturday - April 8th

7:30 A.M. Educational Foundation Board of Trustees Breakfast – Trustees are expected to attend; interested NDSPE memb are encouraged are encouraged to attend.
 Chandler Award Recipients' Breakfast – Complimentary Breakfast for Chandler Award Recipients to say "Thanks for all that you have done for our society."
 Practice Section Meetings
 8:30 A.M. Continental Breakfast
 9:00 A.M. Reconvene Annual Meeting
 Educational Foundation Report
 Committee Reports
 Awards
 Budget
 Constitution, Bylaws & Ethics
 Education
 Publications
 10:30 A.M. Break
 10:45 A.M. Committee Reports Continue
 Public Relations
 Membership
 Legislative
 Professional Relations
 11:30 A.M. Closing Session - Business Meeting
 12:00 P.M. Adjourn
 12:10 P.M. Board of Directors Luncheon Meeting

North Dakota
**PROFESSIONAL
ENGINEER**

Dept. of Civil Engineering and Construction
North Dakota State University
Fargo, ND 58105
(701) 231-7225 FAX (701) 231-6185
www.ndspe.org
e-mail : donald.andersen@ndsu.edu
Editor Donald A. Andersen, P.E.

**Executive Officers
North Dakota State Society
of Professional Engineers**

Bruce Dockter, P.E. Grand Forks
President

Gregg Thielman, P.E. Fargo
President-elect

Michael Gunsch, P.E. Bismarck
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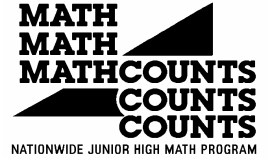
Kevin Nelson, P.E. Bismarck
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Past President

The *North Dakota Professional Engineer* is the official publication of the North Dakota Society of Professional Engineers published twice a year at Fargo, ND.

MATHCOUNTS
Linda Oster
State Coordinator



Note: The timing of this newsletter is such that we are unable to announce the winners of the 2006 State Competition scheduled for Monday, March 13th. This information will be available at the annual meeting.

The 2005-2006 MATHCOUNTS season is just beginning. We are off to a good start with 77 schools registered. The registration deadline is December 9th and we anticipate approximately 140 schools will participate again this year.

Again this year, we will sponsor a t-shirt design competition. All MATHCOUNTS participants from across the state will be given the opportunity to design the t-shirt to be used at the state competition. The winning entry will be presented a CD player and t-shirt of their design at the luncheon during the state competition. Seeing a room full of these t-shirts gives the student a chance to see his/her artwork in use.

This year is a time of change for North Dakota Mathcounts. As Michael Gunsch and I are finding more constraints on our time, we have had to rely on others to handle more of the day-to-day aspects of managing our program. In turn we have also enlisted Kevin Nelson to assist us in setting up a website for students, coaches, coordinators and volunteers. This site contains much of the information requested on a regular basis with email links to the state office. This has become a valuable tool for Michael and me. We encourage you to visit our site at www.ndspe.org/mathcounts.

The State Competition is scheduled for Monday, March 13th at the Ramkota Inn in Bismarck. Preparations are on schedule and we anticipate great competition.

Last year, the 2005 ND Mathcounts team competed in Detroit, MI on May 7th. The ND team was as follows: Tyler Roberts, Wachter Middle School, Bismarck; Sam Wehri, Ben Franklin Jr. High, Fargo; Dylan Bernhardt, Wachter Middle School, Bismarck; Michael Steve, Hope Christian Academy, Dickinson; Coach Jennifer Fegley, Wachter Middle School, Bismarck. The team had a great time in Detroit.

This year the 2006 national competition will be held in Arlington, Virginia, May 11-14 and hosted by Lockheed Martin. For the last two years, ESPN has put together an hour-long broadcast on the mathletes at the national competition several weeks after the competition. We anticipate they will do this again this year. Watch for more information on our website as the national competition approaches.

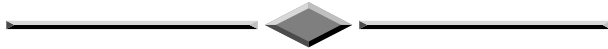
From the Desk of the President **Bruce Dockter, P.E.**

Has it been a year already? If it's true that time flies when your having fun then I must of had the time of my life the past year.

Congratulations to Kevin Nelson. Kevin was nominated for the NSPE Joe A. Rhoads Mentor of the Year Award. He was nominated by Mr. Mark VanHala of Florida. This is a nationally recognized award and our wishes of good luck are with you Kevin. If you are interested in reading more of this award you can find it at <http://www.nspe.org/awards/aw1-mentoraward.asp>.

I think the main reason things ran so smoothly this year was the dedication of our officers. I cannot say enough how much I appreciate everyones help. Greg, be sure to call upon me if you need help. I certainly owe you already. Speaking of officers there is a need to assist our long time members with new legs for state committees. I have been soliciting from my own chapter vounteers for state office. I encourage you all to help bring new faces into the state level.

See you all in Bismarck this year.



Chapter 1 News - Grand Forks **Mark Lambrecht, P.E., L.S.** **Chapter 1 President**

2005-2006 Chapter 1 Officers

President – Mark Lambrecht, PE, LS (CPS, Ltd)
President-Elect – Debbie Jacklitch, EIT (EAPC Architects Engineers)
Vice President – Brian Weiss, PE (AE2S)
Secretary – Jay Kleven, PE (EAPC Architects Engineers)
Treasurer – Mike Murie, PE (EAPC Architects Engineers)

Meetings and Activities

Chapter 1 serves the engineering community in the northeastern portion of North Dakota. We meet the third Tuesday of each month from September through May. We typically meet in the evening at the Eagle's Crest Grill, which is the club house of King's Walk Golf Course in Grand Forks. This has proven to be a perfect venue for our meetings, with the staff and facility very accommodating of the social, dinner, business and speaker parts of our gatherings. We have anywhere from 6 to 20 persons in attendance at our meetings.

We strive to have an interesting speaker at each meeting. Samples of the recent variety of topics include: "Predicting Age of Water in a Distribution System", "Aerospace Sensors for Precision Agriculture", "Grand Forks/East Grand Forks Flood Control Project", and "The Plains CO₂ Reduction Partnership". Upcoming topics for our March and April meetings will be "Red River Valley Water Supply Project" and "ATV Design and Testing (by Arctic Cat)". We will end our meeting season with a family picnic in May.

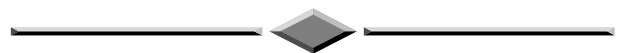
Our future plans include a road trip to Devils Lake where our members there have offered a tour or presentation of projects in their area.

Outreach and Education

As an outreach to the College of Engineering at UND, our chapter members speak to campus groups, present awards to outstanding students at the annual Engineer's Week banquet, and host a pizza lunch during the spring and fall Fundamentals of Engineering exams.

We are fortunate our financial situation this year allowed our Chapter to make contributions to the NDSPE Educational Foundation, and to the NDSPE General Fund for additional current scholarships.

Chapter members also coordinate the middle school age MathCounts event and serve as science fair judges, as well as speaking at career days and hosting job shadowing.



NDSPE SECRETARY/TREASURER'S REPORT

Kevin G. Nelson, P.E./L.S.I.

Ending is New Beginning

This will be my last newsletter article as your secretary/treasurer. NDSPE is blessed with an abundance of talented professionals, any of which can do this job at least as well as I did. It is time to “mine” some of that talent and get other members involved in our society and our profession.

“Yes, risk taking is inherently failure-prone. Otherwise, it would be called sure-thing-taking.”

Tim McMahon

While I may be completing my “career” as the secretary/treasurer, I plan to still be involved in our society. At last year’s Annual Meeting in Fargo, the membership took action to have me serve as the first National Delegate to the House of Delegates. The House of Delegates will convene for the first time in July at the NSPE Annual Convention in Boston, Massachusetts. The House of Delegates will develop planning policy for the Board of Directors to implement. They will meet once a year, at the Annual Convention, which will be in the summer, after

NDSPE’s Annual Meeting. This will allow us the opportunity to voice our opinions and concerns to our delegate before the House of Delegates convenes, so our delegate will know how to best represent us.

In addition, during the transition for the next secretary/treasurer, I will always be a phone call or an email away. I will remain in close contact with NDSPE’s Executive Secretary (pun intended – if NDSPE keeps Mary as the Executive Secretary). I have attended 14 Annual Meetings of NDSPE (only missing two since I became a member), 11 of which were as the secretary/treasurer. I possess a lot of information about our society and I plan to use it to help us grow.

Happenings at the National Level

Below is a summary of some of the decisions and actions of the National Board of Directors from the Winter Meeting in Washington, DC:

- NSPE President Kathryn Gray, P.E. F.NSPE and Rear Admiral Michael Loose, P.E, executed a “Memorandum of Understanding” between NSPE and the Naval Facilities Engineering Command (NAVFAC) outlining mutual areas of cooperation, including fostering interest in engineering careers, improving the skills of facilities professionals, and promoting the competent practice of engineering, professional licensure and ethics.
- NSPE Board approved a “Position Statement on Energy” advocating that the US have a comprehensive and flexible National Energy Plan with policies necessary to provide reliable, secure, and environmentally acceptable energy supplies at predictable and affordable costs.
- NSPE Board approved joining the Management Association for Private Photogrammetric Surveyors (MAPPS) as a plaintiff in a lawsuit against the Federal Acquisition Regulations (FAR) Council concerning the definition of A/E services under the Brooks Act and that NSPE contribute up to \$25,000 to assist in legal fees associated with the case.
- NSPE Board approved a change in the NSPE Code of Ethics relating to Sustainable Development. The new language under Professional Obligations III.2.d states that Engineers shall strive to adhere to the principles of sustainable development in order to protect the environment for future generations.
- NSPE Board approved a position statement to encourage engineering employers, consistent with good professional practice and sound business judgment, to provide their employed engineers with appropriate written information relating the availability and extent of professional liability and other applicable insurance, as well as employee

“Let us not look back in anger or forward in fear but around in awareness.”

James Thurber

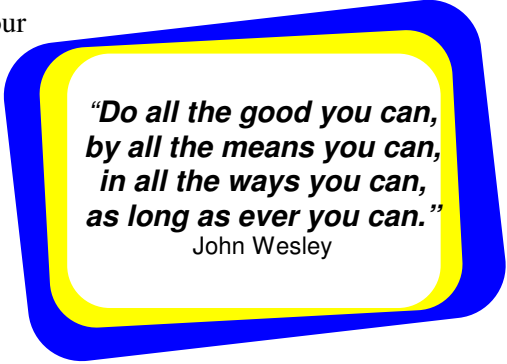
indemnification/ limitation of liability provisions and other mechanism that are in place to address professional liability exposure incurred by their employees within the scope of their employment.

- NSPE Board accepted a report of the Student Programs Evaluation Task Force and agreed to continue NSPE's longstanding support of the MATHCOUNTS program.
- NSPE Metrics Oversight Task Force presented its report outlining a plan to develop NSPE performance targets, improvements in membership data and the goal of NSPE becoming a national clearinghouse for PE/EI licensure data in partnership with NCEES.
- NSPE Board approved an Operating Procedure outlining candidate screening procedures to assist the NSPE House of Delegates in electing the NSPE President-elect Designee and Treasurer for 2008-2009.
- NSPE Overruling Engineering Judgment Task Force submitted an interim report addressing the ethical dilemma that engineers face when their engineering judgment is overruled by a supervisor or regulator who has no engineering credentials. A final report by the task force is expected to be issued in July 2006.
- Board selected Denver, Colorado, as the first choice site for the 2007 NSPE Annual Convention and directed staff to perform initial planning to confirm feasibility of this site.

Our Profession in Our State

NDSPE's nominations committee is charged with the task of putting forward names of professionals for various positions with our society and to serve our great profession. The Society positions that are open this year are the Secretary/Treasurer and the Vice President. These positions will be elected at the Annual Meeting in April. If you know of someone who has great leadership skills and is willing to serve our honorable profession through NDSPE, ask them if they will accept a nomination and bring them to the Annual Meeting in Bismarck.

The nominations committee is also required to put forward three names from our membership to fill each vacant engineer spot on the North Dakota State Board of Registration for Professional Engineers and Land Surveyors. This year, Er. Gene Jackson, PE, NSPE, completes his first term on the Board of Registration. Er. Jackson has served our profession very honorably through the Board of Registration and through various professional and technical societies. It has been a pleasure serving under Er. Jackson on the Board of Registration these past eight months – Gene is the chairman of the board this year. When you see Er. Jackson, thank him for his service to our profession.



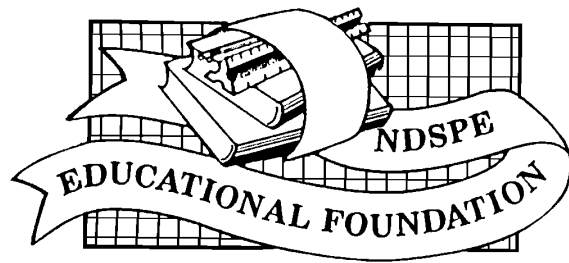
***“Do all the good you can,
by all the means you can,
in all the ways you can,
as long as ever you can.”***

John Wesley

Er. Kevin G. Nelson, PE, NSPE
NDSPE Secretary/Treasurer &
NSPE North Central Region Vice President
Ulteig Engineers, Inc.
1412 Basin Avenue
Bismarck, ND 58504
(701) 258-6507
(701) 224-1163 fax
Kevin.Nelson@NDSPE.org (e-mail)
www.NDSPE.org (web site)

NDSPE EDUCATIONAL FOUNDATION REPORT

By Kevin G. Nelson, PE/LSI – Foundation Secretary/Treasurer



Your Contributions Make the Difference

“Service is the rent we pay for being. It is the very purpose of life, and not something you do in your spare time.”
Marion Wright Edelman

The Educational Foundation provides scholarships to our next generation’s engineers, the students in engineering curricula at UND and NDSU. In order to give these scholarships, we rely on contributions from individuals and corporations. We have several significant individual contributors, who give generously to the Foundation each year. This year, we also have two engineering companies (Moore Engineering, and Ulteig Engineers) as “Corporate Sponsors,” contributing substantially and regularly to the Foundation. The scholarship moneys come from the investment returns of the contributions.

The Foundation cannot spend any of the money collected in contributions; it is classified as “Restricted Funds.” Only the investment earnings, interest and dividend, can be used for operating expenses and for scholarships. In recent years, the Foundation Trustees have not spent any of the “Unrestricted Funds” for operating expenses because supplies, materials and labor have all been donated by individual engineers and engineering companies. To all of you who have graciously given your time, your talent and your contributions, the Foundation extends a sincere “Thank you!”

In order to continue giving scholarships, we need your help. If you have never given to the Foundation, please consider it. If you have given in the past, please give again. If you are a regular donor, thank you! Please continue giving. We hope you consider giving to the Foundation. Any size contribution will help. As a guide, the average size total donation from individuals is \$354.00 with a median of \$100.00. The average size total donation from businesses is \$1,068.00 with a median of \$925.00.

Summary

The following information is the summary report of financial activity for the calendar year 2005.

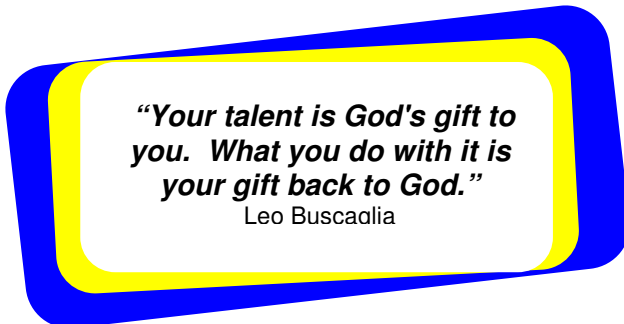
Account	Interest	Maturity	Term	Recent Earnings	Monthly Earnings	
CD#	Value	Rate	Date	(mos.)	*	**
XXXX346	\$7,000.00	2.650%	07/26/06	12	\$143.11	\$15.46
XXXX401	\$7,000.00	3.200%	10/28/06	12	\$121.78	\$18.67
XXXX453	\$7,000.00	2.155%	01/27/06	12	\$138.44	\$12.57
XXXX517	\$7,000.00	2.165%	04/27/06	12	\$91.70	\$12.63
XXXX642	\$7,000.00	2.158%	06/02/06	10	\$125.44	\$12.59
	\$35,000.00				\$620.47	\$71.91
Savings Account						
XXXX9208	\$11,299.21	1.560%	Year End Balance		\$136.98	\$14.69
Total Assets	\$46,299.21				\$757.45	\$86.60
Restricted Funds	\$46,059.51	Funds Donated or Contributed to the Foundation				
Unrestricted Funds	\$239.70	Funds Available for Distribution (Incl. NDSPE funds)				

The following information is the summary report of financial activity for the current calendar year.

Account	Interest	Maturity	Term	Recent Earnings	Monthly	
CD#	Value	Rate	Date	(mos.)	s	Earnings
XXXX346	\$7,000.00	2.650%	07/26/06	12	\$15.46	\$15.46
XXXX401	\$7,000.00	3.200%	10/28/06	12	\$18.67	\$18.67
XXXX453	\$7,000.00	1.958%	01/27/07	12	\$11.47	\$11.42
XXXX517	\$7,000.00	2.165%	04/27/06	12	\$0.00	\$12.63
XXXX642	\$7,000.00	2.158%	06/02/06	10	\$25.20	\$12.59
	\$35,000.00				\$70.80	\$70.76
Savings Account						
XXXX9208	\$14,900.40	1.560%	Year End Balance	\$30.39	\$19.37	\$14,900.40
Total Assets	\$49,900.40				\$101.19	\$90.13
Restricted Funds	\$49,559.51	Funds Donated or Contributed to the Foundation				
Unrestricted Funds	\$340.89	Funds Available for Distribution				

Board of Trustees Officers

The North Dakota Society of Professional Engineers Educational Foundation is operated exclusively for the educational benefit of North Dakota engineering students who are residents of North Dakota. It is run by a board of trustees, comprised of officers and members of NDSPE. The officers of the NDSPE Educational Foundation Board of Trustees, are:



- ✓ President – Er. Dean Wieland, PE, NSPE
- ✓ Vice President – Er. Roger Kluck, PE, NSPE
- ✓ Secretary/Treasurer – Er. Kevin G. Nelson, PE, NSPE

Other trustees are Dr. Gary Smith, PhD, P.E. – Dean of Engineering at NDSU, and Dr. John Watson, PhD, P.E. – Dean of Engineering at UND

Please help us “Fund Our Future” by making a difference in the lives of our engineering students, helping them finance their educations. In order for the Foundation to give larger scholarships, we need to receive your contributions. Give to the Educational Foundation. Contributions can be sent to the address below:

Er. Kevin G. Nelson, P.E., NSPE
 NDSPE Educational Foundation Secretary/Treasurer
 3831 Kingston Drive
 Bismarck, ND 58503-8286
 (701) 258-2818
 (701) 258-1111 fax
Secretary@NDSPE.org (e-mail)
www.Foundation.NDSPE.org (web site)

News from the State Board of Registration

Clifford E. Keller, Executive Secretary

New Engineers Registered in 2005

During 2005, two hundred and two (202) professional engineers were registered by the State Board of Registration. In addition, six new land surveyor registrations were recorded in 2005. Of the 202 new engineers in 2005, forty-four were registered by examination with the remaining 158 becoming registered by endorsement from other states and jurisdictions. The new professional engineers who passed the PE examination on October 28, 2005 included:

Caleb E. Christman, P.E.-5542
Todd G. Dazell, P.E.-5543
Douglas A. Davidson, P.E.-5544
Jaret L. Hoesel, P.E.-5545
James F. Hubbard, P.E.-5546
Dana G. Larsen, P.E.-5547
James R. Legerski, P.E.-5548
William R. Olson, P.E.-5549
Dean A. Schloss, P.E.-5550
James A. Streifel, P.E.-5551
Steven M. Sundvor, P.E.-5552
Mark Trogstad, P.E.-5553

If you know these young engineers, shake their hands and welcome them to the profession. They have completed a very important step in defining their professional engineering careers. The 2005 new engineer count compares favorably with 2004 when one hundred and eighty-seven new engineers were registered.

Talking About Examinations

Twenty-nine individuals took the PE examination on October 28, 2006 as compared to forty-seven who took it on April 15, 2005. The pass rate for the October examination was 48% which was a decrease from the April Examination cycle which was 66%. Within the various disciplines, persons taking the mechanical PE examination have had the best pass rate while the civil engineering PE examination continues to have the most examinees. One milestone reached during the past examination cycle in October is that for the first time, in many years, an individual passed the Structural II PE Examination. Successful completion of the Structural II PE examination is necessary to be registered in some

discipline specific registration states. The October examination cycle also included several professional engineers taking the fire protection PE examination which is one of the newer PE examinations. Professional engineers already registered with the State Board may apply and be approved by the State Board to take additional PE examinations. During 2005, three hundred, sixty-nine (369) individuals took the Fundamentals of Engineering (FE) examination. The overall pass rate for both the April and October examination cycles was just shy of 79%. The pass rate breakdown for the April exams was 80.5% with the corresponding figure for the October examinations being 77.3%. While both figures are above the national average, they are nevertheless lower than pass rates from previous examination periods.

And Now – Some Numbers

At the present time, there are two thousand, six hundred, three (2603) professional engineers registered with the State Board of Registration.. Of that number, 1381 are listed with a North Dakota address; this is 53% of the total which is a marked difference from as recently as five years ago when approximately 60% of the professional engineers registered in North Dakota resided outside of North Dakota. Of the two hundred, fifteen registered land surveyors, sixty-eight percent (68%) reside in North Dakota. The State Board has 54 dual registrants with forty-three of that total who reside in North Dakota with the remained 11 residing outside of the State. The land surveyor registration is the highest it has been for several years and the number of dual registrants seems to have stabilized. We have a number of registrants who are sitting for the engineering or land surveying examinations which if passed would give them dual registration status as a professional engineer and a registered land surveyor. Added to this total of individual registrants, the State Board also has three hundred, ninety-six certificate of authorization (COA) holders who are registered with the Board.

Newsletter Articles Sought

What is happening out there in engineeringland or in surveyingland? The State Board is interested in knowing. If you have some news or information about new and exciting things happening, contact the State Board office and we can share the information with your

fellow professionals. Some possible ideals might be special projects being undertaken by your chapters such as E-Week Student projects, using surveying to locate lost objects. If you have some information to share, contact Candie Robinson at the State Board Office at 701-258-0786.

Have You Moved lately

The next issue of the State Board Newsletter will be printed and sent out in early to mid May. If you did not receive a copy of the newsletter, it is probably due to your failure to maintain this office with an address. It is very important to keep your mailing address current at the State Board office since the next mailing, after the upcoming newsletter issue, will be your registration renewal for 2007 – 2008 so if your address is not current for the upcoming newsletter and you have not had it changed., it will certainly not be current for the renewal information which is usually sent out in early to mid November. A change is easy to accomplish – you can do it at the Board’s webpage or call the office or email us. Remember your address of record here is where you would like all correspondence from this office to be directed.

Where Are You With Your 2005 – 2006 CPC?

When you renew your registration for 2007 – 2008 in November or December later this year, you will be reporting the Professional Development Hours (PDH) you have earned since January 1, 2005. Considering that we are now in the fifth quarter of the biennial period, you should have earned a little more than fifteen PDH’s by now if you are on track to earn the necessary number of PDH’s by December 31st, 2006. If you haven’t started with your CPC (Continuing Professional Competency) requirements as yet, we would strongly urge you to do so immediately so you can meet the biennial requirement of thirty PDH’s by the end of the year when you renew your registration. When you do report your PDH’s, you will be using some type of log to list your CPC activities. There are several versions of a log that can be used that is available at the Board’s webpage that can be used for reporting your PDH’s or you can use a form of your own design as long as it includes the same information. Remember we do not want you to send in certificates, course outlines, descriptions, schedules when you renew. You need to hang on to these types of documents and information in the event you are selected to be audited and then use these documents to prove completion of your CPC

activities. Registrants with questions about CPC are asked to contact the State Board.

State Board Adopts New Policy on Review of Foreign Degrees

In the past, the State Board has allowed individuals who possess foreign baccalaureate engineering degrees to have their degrees evaluated and reviewed by the Chair of the respective engineering departments at UND and NDSU. This has been done to determine if their degree is ABET equivalent or not since this determination spells out the engineering experience requirement for approval to take the required engineering examinations. Over the past several years, the number of graduate students with foreign university granted degrees has increased greatly at NDSU and UND which in turn has placed an increasing burden on the department chairs. Section 28 of the North Dakota Administrative Code allows the Board to require that foreign degrees will be evaluated in the manner described above or they can be evaluated by the National Council of Examiners for Engineering & Surveying (NCEES). There are several evaluation services approved by NCEES that now offer this evaluation and review service. Applicants would be responsible to pay for a formal evaluation of their foreign engineering degree. In addition to alleviating the burden on the department chairs, the Board feels that it is important that these degrees be formally evaluated because all states do not recognize the informal evaluation approach as represented by the department chair method. It is likely that as these engineers become registered and move from state to state that they will encounter situations where a formal evaluation of their foreign degree is required. Accordingly, the State Board adopted a new policy which requires all applicants with foreign engineering degrees who are applying for approval by the State Board to take an engineering examination to furnish an evaluation of their baccalaureate degree from an NCEES approved evaluation service. This policy is effective for all examination applications received after February 1, 2006.

Future State Board Meeting Schedule

- February 28, 2006, 9:30 a.m., State Board Telephone Conference Meeting, State Board Office, 723 West Memorial Highway, Bismarck
- April 12, 2006, State Board Meeting, State Board Office, 723 West Memorial Highway, Bismarck

- June 7, 2006, State Board Meeting, State Board Office, 723 West Memorial Highway, Bismarck

All meetings of the State Board of Registration are public meetings and the public is invited to attend. Additional information about the meetings can be obtained by contacting the State Board at 701-258-0786. Telephone conference meetings may be attended at the State Board Office or at the locations of the individual State Board members. Call the State Board office for information on alternate locations for telephone meetings. A complete listing of future meeting dates as they are scheduled is available at the State Board's web page www.ndpelsboard.org.

Remember to Report All Address and Employer Changes To the State Board of Registration

**NDSPE President-elect Report
C. Gregg Thielman, P.E.**

In January, I attended the NSPE Winter Meeting in Washington, D.C. The meeting was very educational and informative. One of the highlights was a media training tutorial by professional TV news reporter Jeff Crilley. Jeff shared some of his "inside" secrets on how to get your state and local chapter news publicized by the media. An example is to target slow news days, such as government holidays, to get your information out. These are typically days when the media is looking for things to write stories about. Another highlight of the meeting was the unveiling of the new PE magazine, which replaces the Engineering Times.

During the NSPE Implementation Update session, a presentation was given on the progress that has been made in implementing the recommendations of the Future Directions Taskforce. This includes focusing the Society on the licensed engineer and those on the path to the PE license. There are many changes taking place with NSPE, one of the most important being the renewed desire to serve and provide benefits to its members. Our upcoming annual meeting will provide an excellent opportunity to network with our fellow NSPE and NDSPE members and to discuss these ongoing changes. I look forward to seeing many of you in Bismarck in April!

**Chapter 2 News - Minot
Roger Kluck, P.E.
Chapter 2 President for Life**

NDSPE Chapter 2, aka *The Proud, The Few*, continue to function as an NDSPE chapter even though their meeting schedule is less than vigorous. Anyone wishing to become active in NDSPE in the Minot area should contact Roger Kluck for a well-rehearsed pep talk.

**Chapter 3 News - Bismarck
Tom Neigum, P.E.
Chapter 3 President**

NDSPE Chapter 3 has had some very informative meetings this year. To date, we've had presentations on the Devils Lake outlet, additional engineering education as a requirement for licensure – the future of engineering education, Northern Plains Commerce Center and asbestos hazards and abatement. We also sponsored a visit by Dr. John Forman, PhD, a chemist from Wright State University in Illinois.

This past Saturday, we held our annual Engineers Week banquet at the Bismarck Elks Lodge. Approximately 116 people attended. Twelve new Professional Engineers recited the Engineer's Creed: Charles Baker, Jennifer Einrem, Denise Fischer, Scott Becker, Mark Berg, Timothy Freige, Jay Van Dyke, Michael Wetzel, Steven Sundvor, Dana Larsen, Timothy Larson and Jerry Shae. They received a frameable copy of the Engineer's Creed from the North Dakota State Board of Registration, and a copy of the book "Engineer Your Way to Success" from Chapter 3. Chapter 3 gave BSC student Jonathan Weigel a \$500 scholarship, as well as the BSC Educational Foundation a \$250 donation. BSC representative Gordon Binek accepted the BSC Educational Foundation donation, and presented Mathue Hirst with the \$1,000 BSC Educational Foundation scholarship.

In March, Chapter 3 has scheduled a presentation at the monthly meeting on wind energy – economics, engineering and physics.

Chapter 3 is hosting the 65th Annual NDSPE Convention from April 7-8, 2006 at the Ramkota Hotel in Bismarck. Registration forms will be sent out soon. We have a GIS presentation planned, as well as one other educational session to be determined. A tour of the Bobcat facility is planned, with space limited to the first 20 people that register (at Bobcat's request). For more information on the meeting agenda, visit the following link

<http://www.ndspe.org/events/annual/2006/2006.htm>.

In May, we have our annual picnic at Sertoma Park in Bismarck. We will have some food and fun with friends. We will also install the new Chapter 3 officers at that time.

Note that Professional Development Hours (PDH) are available at all of our Chapter 3 meetings and a minimum of 4 PDH's will be available at the State Meeting. All members should take advantage of these meetings to meet your continuing education requirements.



Chapter 4 News - Fargo

Erik Jones, P.E.

Chapter 4 President

NDSPE Chapter 4 is having another great year! Current membership is at 71 professional members and 7 student members. We've enjoyed numerous interesting presentations in the first four meetings. The club started off its year in September with Wayne Reitz giving a presentation on "Failure Analysis" showing how failed components can be studied to determine how they failed. In October, Dave Sethre and Hank Hauge from North Dakota Ready Mix & Concrete Products Association did a presentation titled "Concrete Magic" highlighting recent innovations in concrete placement and finishing. For our November meeting, Gary Smith, Dean of the NDSU College of Engineering and Architecture, gave a presentation on the direction of the college and the strategic planning effort they are currently undertaking. January's presenter featured Kurt Gunning of Alien Technology and a presentation titled "Radio Frequency Identification".

Chapter 4 has been pushing to increase awareness of the local Chapter and NSPE to students at NDSU. A lunch was provided at the FE Exam held in Fargo the end of October as discussed in the December newsletter.

Numerous Chapter members have put on presentations to engineering organizations to raise awareness and promote NSPE. In January, the Chapter voted to provide lunch again at the April FE Exam in Fargo. We hope to increase the overall membership through these efforts. A reduced price for local chapter dues has been offered to students.

In February, the Chapter was busy with E-week activities. The annual Toothpick Bridge competition was held with several area schools participating. Several bridges were entered in the competition. Chapter 4 has a committee that helps with the loading, scoring, and judging during the Toothpick Bridge competition. Chapter 4 also donates prize money for the competition. To cap off E-Week, the annual awards banquet was held. Chapter awards as well as ACEC awards were presented during the banquet. Moore Engineering was awarded the Chapter Outstanding Design Award and Jerry Bents, P.E., of Houston Engineering was awarded the honor of "Young Engineer of the Year". The evening was capped off with entertainment provided by "Line Benders", a local comedy troupe. It turned out to be a very entertaining evening.

The next few upcoming months, the Chapter will have regular meetings March 28th and April 18th. Daniel Day from EERC will give a presentation titled "CO₂ Sequestration" at the March Meeting and Bruce Furness, Mayor of Fargo, will be the April presenter. All of our meetings are held at the Best Western Kelly Inn, Main Avenue, Fargo.

Looking forward to continued Chapter success this spring!



65th Annual Convention

April 7 & 8, 2006

Bismarck, North Dakota

For registration information contact:

Tom Neigum
tom.neigum@kljeng.com
701-355-8400

North Dakota Society of Professional Engineers
c/o Department of Civil Engineering
North Dakota State University
Fargo, ND 58105

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Nominations to Offices in NDSPE
Gary Doerr, P.E., Nominations Committee Chair

President	Gregg Thielman	Chapter 4
President Elect	Michael Gunsch	Chapter 3
Vice President	Jay Klevin	Chapter 1
Secretary/Treasurer	James Landenberger	Chapter 3
	Wayne Reitz	Chapter 4
	Kathleen Spilman	Chapter 3
Board of Registration	Gene Jackson (re-election)	Chapter 3
	Roger Kluck	Chapter 2
	Francis Ziegler	Chapter 3