



North Dakota



PROFESSIONAL ENGINEER

December 2005

From the Desk of the President

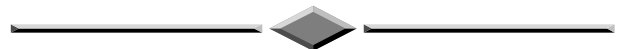
Bruce A. Dockter, P.E.

As I sit in front of my computer typing this report, I find it's hard to believe it's been almost a year since the annual meeting in Fargo. I had some unexpected work conflicts that interfered with a few of my presidential duties, namely attending the annual Canadian Professional Engineers meetings in Saskatchewan and Manitoba. I cannot say how much I appreciated the assistance I received due to my scheduling conflicts. To the past-president Gary Doerr, and the president elect Gregg Thielman thank you very much for your help. I hope to repay the favors. And as long as I am passing out kudos, there is the continued support I have always received from Kevin and Mary Nelson. A very big thank-you to them.

I was able to attend the summer convention in Chicago and I found it to be a very informative. I enjoyed meeting other officers from the other states. I recognized several people from the winter meeting I attended in San Diego. It was good to see some familiar faces in the big city. There were several booths presenting ways of assisting societies and

companies in getting their professional engineers the professional development hours they need. One such organization was C²Ed or the Center for Collaboration and Education in Design. It's a web based (www.C2Ed.com) education forum. There are other educational opportunities available from the NSPE Lending Library of Canned Programs. All these items are loaned free of charge and they can be found on the NSPE website. I hope we may someday be able to expand our annual meeting to include a daylong education session. This may be an opportunity to expand our membership as well as provide a service to our current members. Next summer's convention is in Boston and I hope our president-elect is able to attend. It's truly a great city to visit.

I hope all of you are able to attend the next state annual meeting in Bismarck. The local chapter societies depend on our attendance just as our meetings do. Let's show up in full force and be accounted for.



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
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Gregg Thielman, P.E. Fargo
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Michael Gunsch, P.E. Bismarck
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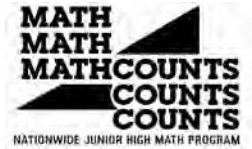
Kevin Nelson, P.E. Bismarck
Secretary-Treasurer

Mary Nelson Bismarck
Executive Secretary

Gary Doerr, P.E. Bismarck
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



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 12th at the Ramkota Inn in Bismarck. Preparations are on schedule and we anticipate great competition.

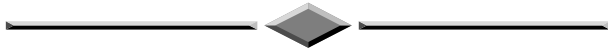
Last year, the 2005 ND Mathcounts team competed in Detroit, MI on May 7th. The ND team was as follows: Tyler Roberts, Wachter Middle School, Bismarck; Sam Wehri, Ben Franklin Jr. High, Fargo; Dylan Bernhardt, Wachter Middle School, Bismarck; Michael Steve, Hope Christian Academy, Dickinson; Coach Jennifer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

Chapter 2 News - Minot

Roger Kluck, P.E.
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

2005-2006 Officers

Past President: Dale Heglund, P.E.

Cretex West Concrete Products

President: Tom Neigum, P.E.

Kadrmass Lee & Jackson

President Elect: John Spilman, CSP

CHMM — Earthworks

Vice President: Cory Chorne, P.E.

Advanced Engineering

Secretary: Darin Schaeffer, P.E.

Bartlett & West

Treasurer: Clint Knutson, P.E.

Ulteig Engineers

The following is a list of meetings and events planned for the 2005-2006 year for NDSPE Chapter 3. Continuing Education Credit(s) will be offered for meetings that meet the criteria.

October Meeting Notice

Program: Devils Lake Outlet

Presenter: Jerry Backes, P.E., Bartlett & West

October Event Notice

Traveling Scholars Program:

Presenter: Dr. John Fortman, Wright State University,
Dayton, Ohio

Program	Date
The Chemistry of Flight	Tuesday, Oct. 25
The Chemistry of Automobiles	Tuesday, Oct. 25
The Chemistry of Toys	Wednesday, Oct. 26
The Chemistry of Toys	Wednesday, Oct. 26
Chemistry with a BANG	Wednesday, Oct. 26

Sponsored by Bismarck State College Foundation, Gateway to Science, IEEE, & NDSPE Ch. 3

November Meeting Notice

Place: Bismarck State College, Student Union Building, Alumni Room

Program: Additional Engineering Education as a Requirement for Licensure - the Future of Engineering Education

Presenter: Kevin Nelson, P.E., Bartlett & West

December Meeting Notice

Date: Thursday — December 15, 2005

Time: 7:00 p.m. — 8:00p.m.

Place: Bismarck State College, Student Union Building, Alumni Room

Program: Northern Plains Commerce Center

Presenter: Brian Eiseman, P.E., Kadrmass, Lee & Jackson, Inc.

January Meeting Notice

Date: Thursday — January 19, 2006

Time: 7:00 p.m. — 8:00p.m.

Place: Bismarck State College, Student Union Building, Alumni Room

Program: TBA

Presenters: TBA

continued on p. 14

NDSPE SECRETARY/TREASURER'S REPORT

Kevin G. Nelson, PE/LSI

A New Administrative Year

“Experience is not what happens to a man. It is what a man does with what happens to him.”

Aldous Huxley

Our new administrative year began 1 July 2005 and will continue until 30 June 2006. With this new year comes a new administration with Er. Gary Doerr, PE, NSPE as our Past President, Dr. Bruce Dockter, PhD, PE, NSPE as our President, Er. C. Gregg Thielman, PE, NSPE as our President-Elect, and Er. Michael Gunsch, PE, NSPE as our Vice President, Er. Scott Zainhofsky, PE, NSPE as our Membership Director, and me, Er. Kevin G. Nelson, PE, NSPE, as your Secretary/Treasurer. We are all here to serve our Society and to serve you, our members. Please feel free to contact any of us with any questions, comments or concerns you have about our society. To contact us via e-mail, use the following e-mail addresses:

Er. Gary Doerr, PE	Past-President@NDSPE.org
Er. Bruce Dockter, PE, PhD	President@NDSPE.org
Er. C. Gregg Thielman, PE	President-Elect@NDSPE.org
Er. Michael Gunsch, PE	Vice-President@NDSPE.org
Er. Scott Zainhofsky, PE	Membership@NDSPE.org
Er. Kevin G. Nelson, PE, LSI	Secretary@NDSPE.org
Ms. Mary Nelson	Executive-Secretary@NDSPE.org

Other contact information can be obtained from our website, www.NDSPE.org.

Annual Meeting

Fargo hosted the 2005 Annual Meeting. Chapter 4 did a commendable job organizing and planning the meeting! If you did not attend, you missed a great meeting. Thanks again Chapter 4.

The 2006 Annual Meeting will be in Bismarck on 6-8 April, hosted by Chapter 3. Mark it on your calendars and plan to attend. The meeting will provide excellent professional development opportunities, networking and catching up with friends and colleagues.

North Central Region

The NSPE North Central Region, which covers the states of North Dakota, Minnesota, South Dakota, Iowa, Nebraska, Kansas and Missouri, recently had its annual meeting in Springfield, Missouri. The following is some information about the North Central Region:

1. Our two regional Vice Presidents are me, Er. Kevin G. Nelson, PE, NSPE of North Dakota, as your senior vice president, and Er. Fred Plamerton, PE, F.NSPE of Missouri, who is your junior vice president. Each V.P. serves two years.

2. Next year's North Central Regional Meeting will be hosted by Nebraska. The date and location are still to be determined, but will most likely be in early September and in Omaha. I highly recommend North Dakota send our executive officers. These regional meetings have proven to be excellent networking opportunities as well as professional growth opportunities for those that attend.
3. North Dakota will again be hosting the Regional Meeting in three years (2007). Bismarck hosted the regional meeting in 2003. The meeting was a technical success as well as a financial success. The NDSPE Board of Directors is seeking input on ideas for location, agenda, and presentations. Please contact one of your officers with thoughts or ideas on the 2007 regional meeting.

National

Our National Society is going through a major change, focusing their energy on each state's needs and making us more viable. NSPE is moving away from the regional form of governance to a governance system more like our federal government. Each state will have a delegate, sitting in a "House of Delegates." Votes of the delegates will be weighted on membership population in the National Society. Each state is to have a delegate designated by March 2006. Recommended qualifications for sitting in the House of Delegates are as follows (actual qualifications are at the discretion of each state society, except number 1, below):

1. **Must** be a licensed Professional Engineer, a member in good standing of the State Society for which they will represent and a member in good standing with NSPE.
2. Be currently active at the state level and knowledgeable of current state activities and issues.
3. Served in state and/or chapter leadership at some level.
4. Been active at the national level in some capacity (committee, task force, board, council, practice division, etc.)
5. Be prepared to communicate regularly with the state executive and state president/leadership (to include providing progress reports on the implementation of the FDTF Action Plan, requesting feedback when needed and generally facilitating communication between the state and national levels).
6. Have an amiable personality to get along with people.
7. Be a good communicator.
8. Exhibit strong leadership capabilities.
9. Be a visionary.
10. Have prior experience of leadership in volunteer organizations, which may include civic, technical or professional organizations.
11. Must be willing to spend the time, effort and financial resources required to effectively handle the duties of the position.
12. Must have an e-mail address and be proficient in handling electronic messages and attachments.
13. Must be committed to the NSPE Vision and Mission statements, the NSPE Charter, Bylaws, Strategic Plan and Code of Ethics.

Interested individuals should contact the nominations committee with your desire to serve in this capacity. The nominations committee consists of the State Society Past President (Er. Gary Doerr) and the past presidents of each chapter (Er's Nate Weisenberger PE, Dale Heglund PE, and Troy Vareberg PE).

Membership

Membership renewal statements will soon be mailed out. Remember to return yours with your dues payment. Your dues cover membership in five communities of our Society – National (NSPE), State (NDSPE), Local Chapter (Chapters 1, 2, 3, or 4), Practice Division (PEC, PEE, PEG, PEI or PEPP) and cyber (www.NSPE.org {national} and www.NDSPE.org {state}).


***"There is more to life
than increasing its
speed."***

Mahatma Gandhi

Our State Society remains stable, although growth is flat. When I think back to my start in NDSPE, I recall that I got involved because I was asked to be involved. In 1989, if I had not been encouraged to join NDSPE by Er. Brant Malsam PE, I would not be a member now. Membership growth is up to us, the current members of NDSPE. This year, let's all make a commitment to recruit one new member, or at least invite an engineer or engineer intern to a chapter meeting. Let's get involved and give back to our profession a little of what our profession has given us.

Moving On

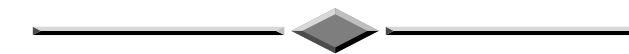
As Ursula K. LeGuin said "It is good to have an end to journey toward; but it is the journey that matters, in the end." After serving 11 years as the Secretary/Treasurer of NDSPE, and 12 years on the NDSPE Board of Directors, I have announced to our Board of Directors that I will not be continuing on after June 2006, in this office. I plan to remain involved, and perhaps "go through the chairs." However, I think it is time (perhaps long overdue) to get "new blood" with fresh thoughts and ideas in our society. I highly encourage others to pursue involvement in our society. You will find that it is as rewarding and enjoyable as it is challenging and fun.



***"Patience is the
companion of wisdom."***
Augustine

I sincerely appreciate the trust and confidence you have placed in me as your financial officer and the trustee of your society's records. Thank you! I look forward to continuing to see each of you at our annual meetings and at other meetings and events of our society.

Er. Kevin G. Nelson, PE, LSI
NDSPE Secretary/Treasurer
3831 Kingston Drive
Bismarck, ND 58503
(701) 258-2818
Secretary@NDSPE.org
www.NDSPE.org

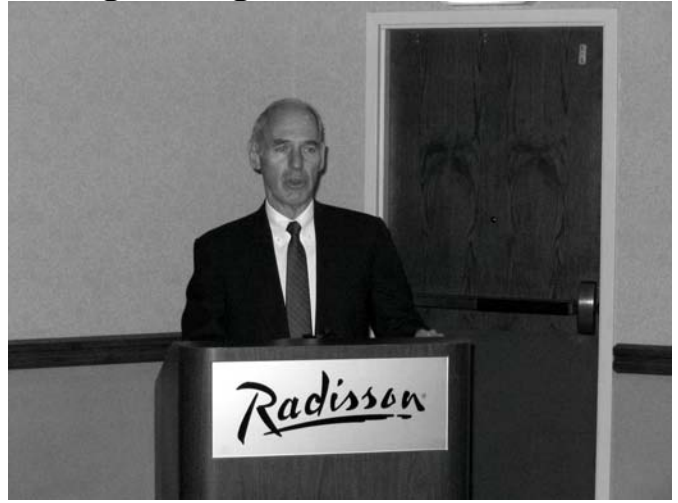


**Plan now for the
NDSPE 65th Annual Meeting
April 6, 7 & 8, 2006
Bismarck, ND**

2005 Annual Meeting - Fargo



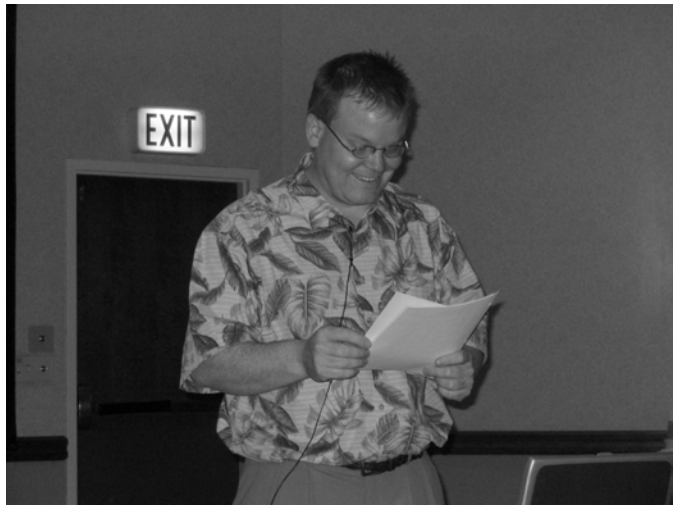
Marie and Cassie assist with registration



Welcome by Fargo mayor, Bruce Furness



Gary Doerr, NDSPE president



Chris Young of the Rainmaker Group



Scott Wegner speaking on Financing Options for Municipalities



Lunch

2005 Annual Meeting - Fargo



Tour of Fargo Air Museum



Steve Stark's presentation on Lewis & Clark



NDSPE Officers



Jeremy L. McLaughlin receives Young Engineer of the Year award from Ray Rolshoven



Design award presented Wayne Gerszewski, Advanced Engineering and Environmental Services, Inc.



Ron Apanian receives Elwyn F. Chandler Award from Ray Rolshoven

2005 Annual Meeting - Fargo



Don Andersen receives past president's pin from Gary Doerr



Dean John Watson, UND, Heather Anderson, NSPE and Ann Watson



Canadian visitors David and Melita Ennis, Manitoba and Clarence and Kathleen Reed, Saskatchewan



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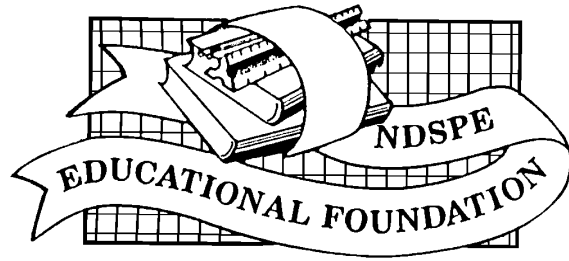
Past Chandler Award recipients breakfast



Education Foundation Breakfast

NDSPE EDUCATIONAL FOUNDATION REPORT

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



Foundation Information

Twenty years ago, the North Dakota Society of Professional Engineers founded the NDSPE Educational Foundation. Each year since, NDSPE members and firms in the engineering profession have donated money to the foundation. These donations are held in various savings and investment vehicles. Revenue from these investments is used to provide scholarships to engineering students at each of the two North Dakota universities. At its inception of the Foundation, NDSPE gave the Foundation its start with a large monetary contribution. Frequent gifts from a few members have helped grow the Foundation’s assets, albeit slowly.

“Think for yourself and let others enjoy the privilege of doing so too.”
Voltaire

The Foundation provides scholarships with the investment return income from donations received from individuals, societies and companies. Two classifications of money comprise the Foundation’s assets. They are “restricted funds” and “unrestricted funds.” Contributions and gifts to the Foundation become “restricted funds,” meaning they cannot be spent or disbursed. Return on investment becomes “unrestricted funds,” which can be spent on operating costs or disbursed as scholarships. Through donations of time and materials, the Foundation has had no operating costs the past several years.

In order to disburse more money as scholarships, especially when investment return rates remain near historic lows, we must increase our investment assets. The primary method of accomplishing this is to encourage NDSPE members and other engineers and engineering companies to contribute more to the Foundation. Please consider making a contribution to the NDSPE Educational Foundation.

Summary

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

CD#	Account Value	Interest Rate	Maturity Date	Term (mos.)	Recent Earnings *	Monthly Earnings **
XXXX346	\$7,000.00	2.650%	07/26/06	12	\$112.69	\$15.46
XXXX401	\$7,000.00	1.640%	10/28/05	12	\$93.85	\$9.57
XXXX453	\$7,000.00	1.965%	01/27/06	12	\$104.77	\$11.46
XXXX517	\$7,000.00	2.165%	04/27/06	12	\$91.70	\$12.63
XXXX642	\$7,000.00	2.158%	06/02/06	10	\$82.57	\$12.59
	\$35,000.00				\$485.58	\$61.70
Savings Account						
XXXX9208	\$11,134.34	1.550%	Year End Balance		\$107.00	\$14.38
Total Assets	\$46,134.34				\$592.58	\$76.09
Restricted Funds	\$46,059.51 Funds Donated or Contributed to the Foundation					
Unrestricted Funds	\$74.83 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. At the annual meeting of the NDSPE Educational Foundation Board of Trustees, held 9 April 2005, the Board of Trustees elected the following individuals to the respective offices:



- ✓ President – Er. Dean Wieland, P.E.
- ✓ Vice President – Er. Roger Kluck, P.E.
- ✓ Secretary/Treasurer – Er. Kevin G. Nelson, P.E./L.S.I.

NDSPE Educational Foundation
C/o Er. Kevin G. Nelson, P.E./L.S.I.
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

Board Reorganizes

The traditional “changing of the guard” usually occurs during the State Board’s annual reorganization meeting which is held in July - this past July was no exception. Gene Jackson, PE/LS was elected Chairman. Also elected were James Jorgenson, PE, PhD as Vice Chairman and Gary Arman, PE as Secretary. The new officers will serve for a one year period beginning in July and ending in June of 2006. Mr. Jackson, Dickinson, is president of Kadmas, Lee & Jackson. Mr. Jorgenson, Fargo is president of Metal Buildings Software, Inc. while Mr. Arman is president of Arman Testing, Ltd. of Bismarck.

New Member Appointed to State Board of Registration

In July, the State Board of Registration bid goodbye to long time board member Lawrence H. Woodbury, PE, PhD and welcomed Kevin Nelson, PE, LSIT to the State Board. Mr. Nelson was appointed to a five year term on the State Board by Governor John Hoeven. Kevin is no stranger to NDSPE having served as its Secretary-Treasurer for several years. He is currently a regional vice president for NSPE where he serves on the NSPE Board of Directors. Kevin has been a PE in North Dakota since 1994 and is currently employed as a Division Manager for Bartlett & West Engineers in Bismarck. He is also a registered in North Dakota as a land surveyor in training. Mr. Woodbury completed his second five year board appointment in June of 2005. He did not seek reappointment to the Board. During his time on the Board, Mr. Woodbury served as Board Chairman, served on several ABET visitation teams to UND and attended many regional and national NCEES meetings on behalf of the State Board.

New Engineers Registered in 2005

So far, during 2005, one hundred, sixty-two professional engineers have been registered. In addition, four new land surveyor registrations have been recorded so far during the same period. Thirty-one of the new engineers passed the Principles & Practice of Engineering (PE) examination on April 15; they are:

- Charles J. Baker, Brookings, SD
- Scott Becker, Bismarck
- Chad E. Beggs, Minot
- Mark A. Berg, Bismarck
- Shawn Birst, Fargo
- Mike E. Davis, Mandan
- Jennifer Einrem, Lincoln
- Denise A. Fischer, Bismarck
- Benjie J. Foss, Bismarck
- Timothy Freije, Bismarck
- Daniel T. Gibson, Davenport
- Karen M. Goff, Mandan
- Liz Hunter, Gillette, WY
- Dana R. Jensen, Bismarck
- Edward Jones, Grand Forks
- Stacey Kessler, Beulah
- Miranda K. Kleven, Grand Forks
- Rodney Koch, Mooreton
- Timothy J. Larson, Bismarck
- Jon E. Markusen, Park River
- Tang-Hung Nguyen, West Fargo
- Josie D. Olson, Grand Forks
- Chad N. Orn, Bismarck
- Samy Sadaka, Nevada, IA
- Scott Norman Schuh, Fort Ransom
- Jerry B. Shae, Bismarck
- Shanni Teltschik, Minot ABF
- Jay Van Dyke, Bismarck
- April E. Walker, West Fargo
- Shawn Warkenthien, Lisbon
- Michael E. Wetzel, Bismarck

If you know these young engineers, shake their hands and welcome them to the profession. If you don’t know them, take a moment and seek them out and wish them success in their career. These numbers compare favorably with the similar numbers from 2004. It is expected that the final 2005 registration numbers will exceed 2004 figures.

And Now – Some Numbers

Forty-seven persons took the PE examination on April 15, 2005 as compared to twenty-six who took it in October, 2004. One of the reasons for the increase was

the number of applicants from several large industrial companies in the state who use extensive engineering services in production of their product line. The other area that showed a marked increase was the exam pass fail ratio. Fifty-four percent of the October examinees passed the exam as compared to April, 2005 where sixty-six percent of the individuals got a passing grade on the exam. Looking at specific disciplines, mechanicals did very well in April as compared to October while those taking the electrical PE in April showed a lower pass rate. The April 2005 pass rate on the PE was slightly higher than comparable national pass rates. One hundred, seventy-five individuals took the Fundamentals of Engineering (FE) examination on April 20, 2005. While the number of examinees taking the FE exam in October, 2004 and April, 2005 was nearly the same; 178 vs 175; the pass fail rate varied significantly. In October the pass rate was 76% as compared to the April, 2005 pass rate of 81%. Most of the individuals taking the FE exam are senior year students at NDSU and UND.

Is Your Registration Current?

To a practicing professional engineer, a current registration is the basis for professional practice. Are you one of the twenty or so professional engineers residing in North Dakota who have not renewed their ND professional engineer registration? If you are part of this group, you may be practicing illegally. If you are not sure whether you have paid your 2005 – 2006 renewal fee, please check with the State Board office. The State Board office has sent several lapsed registration letters so if you have not received any of these communications, we probably do not have your current address on record. There are also a number of North Dakota engineering companies that have not renewed their certificates of authorization. Remember – professional practice without registration is illegal.

Newsletter Sent Out

The latest edition of the State Board newsletter was sent out recently, if you did not receive your copy, we probably do not have your current address. The authors of the articles invite your comments and questions. Please contact the State Board office with your comments or questions and they will be forwarded to the appropriate person.

Continuing Education Subjects

We continue to receive questions about the Continuing Professional Competency (CPC) program. While some of the questions address very limited and specific situations, other questions and the corresponding State Board responses may have implications for many registrants. It will be the practice of the State Board office to try to bring these situations to your attention with articles in both the State Board newsletter and this publication.

A registrant asked if he enrolls in a college credit course, attends classes, but fails the final examination - how many continuing education credits would he be entitled to claim. The State Board concluded that the individual would be entitled to take the credits associated with actual class attendance, but he would not be eligible to take the credits that are given for class preparation time which is typical for these types of courses. Under normal circumstances, two hours of preparation time is allowed for each hour spent in the classroom so a person could actually obtain thirty credits for completing a course that meets ten times (ten credits for class attendance and twenty credits for class preparation time). This of course is based upon the individual's successful completion of the class such as passing the final exam would indicate. So, if the final exam is not passed, the number of credits that could be claimed is limited to ten which is the number of one classes sessions attended.

In a similar case, if an individual monitors a course or takes it on a "no credit" basis, the allowable credits would be limited to the number of class sessions attended. The above explanation is based upon a class session that includes at least fifty minutes of instruction and a one hour credit is equivalent to one Professional Development Hour (PDH). Registrants with questions about CPC are asked to contact the State Board. It is better to ask your questions now than to wait until next October when the reporting deadline will be only months away.

Future State Board Meeting Schedule

November 16, 2005 (8:30 a.m.) State Board Office, 723 West Memorial Highway, Bismarck

January 25, 2006 (8:30 a.m.) (Proposed) State Board Office, 723 West Memorial Highway, Bismarck

February 20, 2006 (9:30 a.m.) (Proposed Teleconference Meeting) 723 West Memorial Highway, Bismarck

Chapter 3 News - Bismarck - continued

February Event Notice

Event: 2nd Annual Rube Goldberg Contest
Location: Gateway to Science in the Gateway Mall
Date: TBA
Time: TBA
Contact: John Spilman at Earthworks (250-5905 or john.spilman@teamearthworks.com) for additional information.

Event: Engineering Week Banquet/Social
Location: Bismarck Elks

March Meeting Notice

Date: Thursday — March 16, 2006
Time: 7:00 p.m. — 8:00p.m.
Place: Bismarck State College, Student Union Building, Alumni Room
Program: Wind Energy: Economics, Engineering, & Physics
Presenter: Ron Rebenitsch, P.E., Basin Electric Power Cooperative

April Meeting Notice

Date: Thursday — April 20, 2006
Time: 7:00 p.m. — 8:00p.m.
Place: Bismarck State College, Student Union Building, Alumni Room
Program: TBA
Presenters: TBA

May Event/Meeting Notice

Date: Thursday — May 18, 2006
Time: 5:00 p.m. — 9:00p.m.
Place: Sertoma Park
Event: NDSPE Chapter 3 Annual Picnic

Board Meeting Schedule (Continued) 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.

By The Time You Read This

Thirty-three individuals will have taken the PE examination on October 28, in addition to four examinees who took the Principles & Practice of Surveying (PS) examination. In addition, 198 individuals took the FE examination in Bismarck, Grand Forks and Fargo on October 29. Five individuals were signed up to take the Fundamentals of Surveying (FS) examination on October 29th. The total number of examinees is up slightly over the April, 2005 numbers with fewer PE examinations being taken but more persons taking the FE examination. We are sure they will be watching the mail and hoping for an early Christmas present in the form of a "Examination Pass" letter from the State Board office.

Have You Moved Lately?

If you have moved lately and have not informed the State Board office of your new address or location, you may be missing important information that is being sent to you from the State Board office. You contact the drivers' licensing bureau when you move – **don't forget to contact the State Board office when you move!**



National Engineers Week

February 19-25, 2006

If you are on your chapter's e-week committee, here is the web site: <http://www.eweek.org/>

Chapter 4 News - Fargo

Erik Jones, P.E.
Past President

2005-2006 Chapter 4 Officers

President – Erik Jones, PE (Houston Engineering, Inc.)
President Elect – Kent Ritterman, PE (Moore Engineering, Inc.)
Vice President – Tracy Eslinger, PE (Moore Engineering, Inc.)
Secretary – Marie Baker (Ulteig Engineers, Inc.)
Treasurer – Dain Miller, PE (Ulteig Engineers, Inc.)

Meetings and Activities

An Organizational Meeting for the officers was held August 10, 2005. Chapter 4 continues to meet the last Tuesday of the month from September through April, with the exception of December and February. All regular meetings are held at the Best Western Kelly Inn, 3800 Main Avenue, Fargo. We typically have a speaker or program lined up for each meeting. An attempt to provide more continuing education opportunities is being made. The Chapter has set up a Continuing Education committee this year.

In February, we have our local annual awards banquet in conjunction with E-week. The Toothpick Bridge Competition is held at Minnesota State University Moorhead during E-week for area elementary, junior high, senior high and college students. Ron Williams, Chapter 4 member, coordinates the event. Other members help with the competition and the chapter funds the prizes for the contest.

The Chapter held our annual spring picnic June 1, 2005 at the Red Hawks baseball game. 87 people attended. The golf tournament scheduled for June was rained out.

Membership

The Chapter currently has about 70 members. We expect this number to increase as additional memberships come in. The annual dues for FM

Engineers Club were increased from \$75 last year to \$80 this year. The Chapter has voted to have a half price membership for students that want to join the Chapter. The Membership/PR committee recently held an event at the FE Exam in Fargo to promote membership in Chapter 4 FM Engineers and NSPE. Pizza and beverages were provided for lunch by the chapter. Information on the Chapter and NSPE was distributed and Committee members were available to answer any questions the students had regarding membership. The Chapter was well received by the students and students were very appreciative for lunch. 126 people were registered to take the FE Exam in Fargo this fall.


The Chapter is also making other efforts to recruit additional members. Some of our members associated with NDSU Student engineering organizations are also encouraging students to join.

Donations and Scholarships

Chapter 4 has a large enough group that we have been able to donate and support several groups and functions in the last year, including:

NDSU ASCE – Concrete Canoe Team
NDSU ASCE – Steel Bridge Team
NDSU ITE
Math Counts
Tooth Pick Bridge Contest

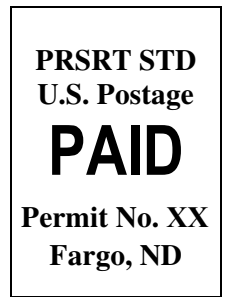
Three \$500.00 scholarships were provided for the 2005-2006 school year to three students enrolled in one of the engineering curriculums at North Dakota State University. Applications for the 2006-2007 scholarships will be available early in January 2006.



This past April (2005), the Fargo Chapter hosted the Annual NDSPE meeting. The annual meeting was a success for the chapter and the state.

We look forward to another successful year!

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



President-elect's Message

C. Gregg Thielman, P.E.

Over the past year, I have had the opportunity to represent NDSPE at several conferences, including the Association of Professional Engineers and Geoscientists annual meetings in Manitoba and Saskatchewan. These conferences provided a great opportunity to visit with our Canadian neighbors and to see the many similar issues we, as engineers face, despite being in different countries. Attending these conferences has reinforced my belief in the importance of my membership and involvement in NSPE and NDSPE.

Kevin Nelson has written articles updating you on the changes being implemented by NSPE as a result of the recommendations of the Future Directions Task Force. These changes will shape the future of NSPE and hopefully, reinforce the benefits of

membership.

As a Professional Engineer and member of NSPE and NDSPE, I see one of the most important benefits of my membership is having an advocate for my profession. Whether this includes the lobbying efforts on our behalf in the implementation of continuing education requirements for Professional Engineers; or by providing training opportunities to obtain PDH's; or by having a common voice in protecting our rights as Professional Engineers in jurisdictional issues with other professionals, I see a great value in my NSPE and NDSPE membership.

I hope you see similar value in your membership and that you will join me in encouraging your peers who are not members to consider joining NSPE and NDSPE!