



North Dakota Society of Professional Engineers

A State Society of the National Society of Professional Engineers

INFORMATIONAL SUMMARY

THE NORTH DAKOTA SOCIETY OF PROFESSIONAL ENGINEERS (NDSPE) is a state society of the National Society of Professional Engineers (NSPE), representing engineers from all disciplines. We promote the ethical and competent practice of engineering. NDSPE encourages professional licensure of engineers, and we actively lobby for legislation that enhances the status of engineers, and the image and professionalism of engineering. The following is a general listing of information, events, programs and committees opportunities offers by NDSPE.

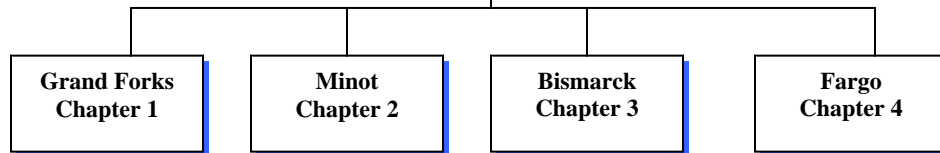
- NDSPE Web Site** - www.ndspe.org
- NSPE Web Site** - www.nspe.org



National Society of Professional Engineers®



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INFORMATIONAL MAILINGS – NDSPE provides information updates and news information to its members though a semi-annual newsletter publication and general mailings. This information is sent via e-mail to the majority of the members; however, paper copies are mailed on request. NDSPE Chapters provide similar local activity and program information on a monthly basis from September through May of each year.

ANNUAL MEETING – Typically held in the spring of each year and consists of a general business meeting and associated committee reports, state of the profession updates and networking opportunities. This includes information provided by a NSPE representative, North Dakota Board of Registration, NDSPE Practice Groups and the Canadian Council of Professional Engineers, as well as Technical/Educational Sessions for Professional Development Credits. In addition there are presentations of various awards, including but not limited to the Elwin F. Chandler Award, Young Engineer of the Year, and Outstanding Project Award.

CHAPTER MEETINGS – Held on a monthly basis from September through May. These provide networking opportunities and provide our membership with information related to the profession. They are also used to promote continuing education and professional growth opportunities through the presentation of technical or educational programs that are acceptable for PDH credits required by registration. The programs are often presentations prepared by fellow members of the profession or selected individuals with topics of a relevant nature to the profession, community, state or national issues. There are currently active chapters in Bismarck, Fargo Grand Forks and Minot.

ENGINEER’S WEEK – A proclamation is generally requested from Governor to recognize the services the engineering profession provides to the general public. E-Week activities consist of a number of local programs to recognize the profession, including an annual banquet. During the annual banquet NDSPE recognizes newly registered engineers, awards engineering scholarships for those attending college or university systems in the field of engineering and presents individual projects awards. Also presented is a Chapter Young Engineer of the Year award, the recipient of which is eligible for the state award presented at the NSPE annual meeting. Other events occurring during E-Week vary from Chapter to Chapter. As an example one event held in Bismarck is to sponsor the visiting Scientist Series in conjunction with the Gateway to Science Center. Each Chapter has its own selection of local sponsorships based on various programs and partnerships.

CHAPTER SCHOLARSHIPS - Three of the four state chapters provide scholarships to local students who are enrolled in engineering programs or curricula.

Fargo - NDSU
Grand Forks – UND
Bismarck - BSC

MATHCOUNTS – This is national mathematics competition held at the School, Chapter (County) and State level for sixth, seventh and eighth graders. The North Dakota MATHCOUNTS Program is operated by a special committee of NDSPE members and assisted throughout the state by numerous engineering volunteers at all levels. North Dakota has approximately 170 schools participating in the program and annually hosts 160 students at the State Competition in Bismarck in March. The top four students advance to a National Competition, which for 2008 will be held in Denver, CO.

National Web Site - mathcounts.org
North Dakota Web Site - ndmathcounts.org

JETS*TEAMS

The Junior Engineers Technical Society (JETS, www.jets.org) works to increase interest and awareness of engineering and technology-based careers, with student competitions, assessment tools, career guidance resources, an e-newsletter, and more, as well as resource materials for parents and counselors. JETS Programs excite high school students about careers in engineering and related technical fields and help them understand the critical role engineers play in the world around us. NDSPE is a sponsor of the JETS*TEAMS program at UND in Grand Forks, while NDSU in Fargo will soon be participating as well.

NORTH DAKOTA SOCIETY OF PROFESSIONAL ENGINEERS EDUCATIONAL FOUNDATION

In 1984, the North Dakota Society of Professional Engineers established an educational foundation to start an endowment that would generate money for engineering scholarships. Today, the foundation annually distributes approximately \$1,200 in scholarships. The Foundation is run by a board of trustees, comprised of officers and members of the NDSPE and is operated exclusively for the educational benefit of North Dakota engineering students who are residents of North Dakota.

ENGINEERING STUDENT CHAPTERS - Local NDPSE Chapters assist and support the membership in active student chapters and encourage their participation in chapter activities. A chapter liaison is appointed to inform the student members regarding state society activities and national programs. There are currently active student chapters in the following locations.

NDSU Engineering Department
UND Engineering Department
BSC Engineering Program

PRACTICE DIVISIONS

NDSPE has a number of Practice Divisions that establish committees for the purpose of providing input to the society on various issues. Currently, PEG, PEPP and PEI have active chairmen representing their professional practice areas.

Professional Engineers in Construction	PEC
Professional Engineers in Higher Education	PEHE
Professional Engineers in Government	PEG
Professional Engineers in Industry	PEI
Professional Engineers in Private Practice	PEPP

STANDING COMMITTEES

Members of NDSPE are called upon to participate in the society through membership and service in various committee assignments. The following outlines the various standing committees.

Awards Committee - The Awards Committee shall make recommendation to the Executive Committee for the Elwyn F. Chandler Award. The Awards Committee is also responsible for making awards or citations, as established or authorized by the State Society.

Budget Committee - Prepare and present to the Board of Directors for its approval a budget to control expenditures, conduct an audit of the fiscal records, and to conduct an audit of the *North Dakota MATHCOUNTS Program* and the *North Dakota Society of Professional Engineers Education Foundation* program of the State Society.

Bylaws, Operating Procedures and Ethics Committee - Maintain a continuing study of the Bylaws and Operating Procedures (OP) of this State Society and the application of the provisions thereof, to receive and initiate proposed amendments, and study the Bylaws and OP of the National Society and make recommendations to the Board of Directors when a variance is found with the Bylaws and OP of the State Society. To maintain a liaison with the North Dakota State Board of Registration for Professional Engineers and Land Surveyors on all matters pertaining to ethics. Investigate any charges of unprofessional conduct and report the same to the Board of Directors for action.

Education Committee – Promote the establishment of professionally oriented as well as research oriented curriculum tracks at the universities in the State. Promote the provision of adequate human and material resources for the educational system in the State and engineering student professional involvement and development. Coordinate and assist the activities of the State and Chapters in providing continuing education programs. Actively solicit donations from the membership of the State Society for the NDSPE Education Foundation.

Legislative Committee - Draft, initiate, and sponsor any state legislation desired by the profession with the approval of the Board of Directors. Confer with other professions and enlist their cooperation in legislative measures of mutual interest or concern. Study any national and state legislation affecting the profession and advise the Board of Directors thereon, and take appropriate action in accordance with the directive or policies of the Board of Directors.

Membership Committee - Bring the purposes and program of this State Society before the entire profession in order to enlist endorsement and support of and encourage affiliation with the State Society. Receive applications for membership and approve or disapprove all candidates for membership. Insure continuation of membership by assisting the officers in the collection of dues. Conduct special studies of the problems facing all members and to make the necessary recommendations to the appropriate committee or to the Board of Directors. Foster professional concepts in engineering interns, Affiliated Members, and Associate Members.

Nominations Committee – Provide names to the membership for nomination for elective offices. This committee shall also present a list of three (3) nominees for each vacancy on the State Board of Registration for Professional Engineers and Land Surveyors as prescribed by North Dakota Century Code to be voted on by the membership. These names are then submitted, in preferential order, by the Secretary-Treasurer, to the Governor. The committee shall also present a name for a Delegate to the House of Delegates to represent NDSPE at the national society.

Professional Relations Committee - Work with other professional organizations and associations on subjects or problems that are of mutual interest to the entities.

Publications Committee - Assemble the material for and supervise the publications of the State Society.

Public Relations Committee - Conduct a planned publicity campaign through newspapers and other recognized media to cultivate a favorable reception from the public on behalf of the engineering profession. Inform the public on the high qualifications of the engineer, the importance of engineering services to human progress, the requirements of registration, proper methods of selecting engineering services, and the desirability of appointing engineers in public councils and in executive and administrative positions. Educate engineers and the public as to the meaning and proper use of the term "Professional Engineer". Secure for the profession its rightful place in social and economic readjustment planning. Inform young people of the opportunities in the field of engineering. Encourage promising young people to study engineering in our educational institutions and to follow engineering as a career.