BUILDING FOR THE FUTURE OF THE PROFESSIONAL ENGINEER
NSPE, Today

• Being a licensed professional engineer means more than just holding a certificate and possessing technical competence.
  • It is a commitment to hold the public health, safety, and welfare above all other considerations.
  • NSPE is the only society focusing exclusively on this core principle, which professional engineers in all disciplines and practice areas hold in common.

• NSPE is an integrated network of organizations, operating at the national, regional, state, and local levels, with a more than 80-year history of achievement.

• By defining, promoting, and protecting the PE license, we improve the lives of both the public and the PEs that serve it.
NSPE’s Current Direction

A transformation initiative to build a stronger, unified, and more focused organization.
NSPE Focus

New Family brand
38 out of 48

Single Price Point
$299

Increased Communication
- Open Forum
- Websites (8 of 12)
- PE Matters state newsletters
- PE Day

Message testing
- Texas campaign

Focused messaging
- Champion
- Guide
- Advance
- Unite

Improved technology
- Database Upgrade
- Database Access

PE Matters state newsletters
- PE Day
At which level would you like NSPE to focus on providing the following products and services in the future? Please select the level at which you think it is most important for NSPE to provide each product or service. (N = 1,002)

- Research and publications
  - National: 82%
  - State: 14%
  - Local: 4%

- Ethics resources
  - National: 60%
  - State: 30%
  - Local: 10%

- Career path and job search guidance
  - National: 50%
  - State: 38%
  - Local: 12%

- Professional education
  - National: 49%
  - State: 35%
  - Local: 17%

- Government advocacy and policy efforts
  - National: 46%
  - State: 49%
  - Local: 5%

- Online job board
  - National: 46%
  - State: 41%
  - Local: 13%

- Online networking opportunities
  - National: 41%
  - State: 46%
  - Local: 13%

- Conferences and meetings
  - National: 24%
  - State: 58%
  - Local: 18%

- In-person networking events
  - National: 6%
  - State: 31%
  - Local: 64%

- Volunteer opportunities
  - National: 4%
  - State: 25%
  - Local: 71%
Strategic Planning is Underway

• The NSPE Board of Directors and Strategic Planning team members are meeting this weekend, May 31-June 1, to continue work on developing NSPE’s new strategic plan and direction.

• Draft plan currently has four focus areas:
  • Driving Growth
  • Shaping Public Policy
  • Educating for the Future
  • Promoting Diversity and Tomorrow’s Engineer

• Stay tuned for more details coming soon!
NSPE
CORE
ACTIVITIES

Champion           Guide             Advance                 Unite
NSPE Champions the PE License

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

- Action on professional engineering issues
- Latest legislative and regulatory news
- Licensure resources, policies, and documents
- Integrated network of state and national advocacy champions
40 states have considered legislation or regulation that could undermine or even eliminate engineering licensure.
LICENSURE UNDER ATTACK
IN THE CURRENT LEGISLATIVE SESSIONS

As of April 22, 2019
FROM A RECENT SURVEY OF LIKELY VOTERS IN 2020

- When asked about occupational licensure expressed the view:
  - It is a form of regulation that drives up cost
  - Favors business and industry interests, not public
  - Limits innovation
  - Over-reach: too many occupations are required to report to the government

Independently conducted research, commissioned by the National Council of Architectural Registration Boards
RESPONSIBLE LICENSURE

• Active engagement at the individual, state & national levels for the responsible application of engineering licensure requirements
  • Responsible to the public
  • Responsible for not over-reaching
NSPE Stands as the Ethical Guide to the Profession

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

- Engineers’ Creed
- Code of Ethics
- Board of Ethical Review
- Ethics case studies and tools
- On-demand courses
NSPE Powers Professional Advancement

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

- 15 free PDHs
- Professional Engineers Conference
- Professional practice resources
- NSPE-produced content such as PE magazine, NSPE Update, PE Scope, and Daily Designs
- Career Center and Job Board
- NICET certifications and programs to strengthen the engineering team
#PECON19

See You in Kansas City!

PROFESSIONAL ENGINEERS CONFERENCE
#PECON19

JULY 17-21, 2019
KANSAS CITY
MARRIOTT DOWNTOWN
NSPE Unites the PE Community

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

- Online connection through NSPE Communities and social media
- Interest Groups
- State Societies and Local Chapters
- Coalitions and collaboration with licensing boards and educators
- Founder and active supporter of Engineers Week and MATHCOUNTS
CONNECT WITH NSPE TO LEARN WHAT’S NEW

• Social Media
• Newsletters
• PE Magazine
• Podcasts
JOIN US IN BUILDING THE CONVERSATION AT COMMUNITY.NSPE.ORG
DIVERSITY AND TOMORROW’S ENGINEERS
WHY IS DIVERSITY IMPORTANT TO NSPE RIGHT NOW?

- Respect for all
- Timing is right
- Organizational sustainability
RECRUITMENT – TOMORROW’S WORKFORCE

BACHELOR’S DEGREES BY GENDER, 2017

- Male, 78.70%
- Female, 21.30%

BACHELOR’S DEGREES BY ETHNICITY, 2017

- White: 62.30%
- Asian-American: 14.60%
- Hispanic: 11.10%
- Unknown: 4.10%
- Black or Afr. American: 4.10%
- Other: 3.80%

Data from ASEE report by Yoder, Engineering by the Numbers
Bachelor’s Degrees Awarded to Women by Discipline
21.3% of total

Data from ASEE report by Yoder, *Engineering by the Numbers*
NSPE MEMBERSHIP BY TECHNICAL DISCIPLINE

- Civil
- Chemical
- Structural
- Aeronautic/Aerospace
- Biomed
- Software
- Control Systems
- Mechanical
- Environmental
- Agr & Bio
- Metallurgical and Materials
- Nuclear
- Naval
- Electrical and Computer
- Industrial & Systems
- Architectural
- Petroleum
- Mining
- Fire Protection

43%
20%
17%
5%
3%
2%
NSPE MEMBERSHIP BY ETHNICITY

- Caucasian: 83%
- Other: 4%
- Asian American: 4%
- African American: 4%
- Hispanic: 6%
- Native American: 0%
NSPE MEMBERSHIP BY GENDER

- Male, 90%
- Female, 10%
NSPE MEMBERSHIP BY AGE

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<tr>
<th>Age</th>
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<tr>
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<td>11%</td>
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<tr>
<td>80s+</td>
<td>12%</td>
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Pie chart visual representation of the data.
WE NEED YOU

If you are not a member: Join
If you are a member: Engage and share
  • Join a committee
  • Teach a seminar
  • Write an article or post on NSPE Communities
  • Write to your members of Congress
  • Bring a student, an EIT, a newly/long-time licensed engineer with you
Resources and Tools for Leaders and Members

Resources

Leadership Toolbox

The NSPE Brand
Information about the NSPE brand including a guide for using the national and state society logos, Twitter Primer, and more on member engagement.
LEARN MORE

Marketing Collateral
These printable membership materials are for your marketing purposes. Browse the categories to find samples of resources you may use in your outreach.
ACCESS MATERIALS

Governance
NSPE Board meeting materials, NSPE Board Agendas, HEO meeting materials, NSPE Policy Manual, NSPE Bylaws, Board Updates, and more.
LEARN MORE

State Sample Materials
Samples of resources for volunteer leaders. Find samples of advocacy tools, brochures, post cards, presentations, talking points, and more.

Presentations
NSPE has been collecting presentations used by volunteer leaders in order to create a repository used for sharing. Use in your outreach.

NSPE Strategic Plan and Business Model
On July 22, 2017, the NSPE House of Delegates voted 81-10 to adopt a new membership business model.