



WELCOME TO THE AMERICAN NUCLEAR SOCIETY

In an environment of often opposing forces, the collective power of the men and women of ANS represents the breadth of the nuclear community and its future. This gives ANS an independent and respected voice, in Washington and globally, in support of nuclear technology to benefit humanity.

Thank you for lending your voice. As your professional society, ANS is committed to providing you with opportunities to broaden your professional horizons.

This guide contains an overview of ANS programs, services, and member benefits. Member benefits include publications, access to topic-specific professional divisions, industry updates, leadership opportunities, networking, meeting, product discounts, and much more.

As we strive to meet the evolving needs of our members, we welcome your feedback and suggestions.

We look forward to being a part of a bright nuclear future and helping advance nuclear science and technology together.



ABOUT THE SOCIETY

The American Nuclear Society is the premier society for nuclear industry professionals. Our individual membership ranks include more than 10,000 engineers, scientists, educators, students, and others with nuclear-related interests. Our members hail from more than 1,600 corporations, educational institutions, and government agencies and 60 different countries. More than 80 industry-leading companies support ANS as Organization Members.

ANS, a not-for-profit society, provides extensive opportunities for every professional group in the nuclear field to interact effectively through 22 topic-specific divisions and technical groups, 47 local sections, and 58 student sections.

The Society serves as an advocate for individuals and organizations having a stake in nuclear science and technology. Our Washington, D.C. office acts as a technical resource to senior policy and decision makers. ANS produces position papers on nuclear science and technology issues of our times, publishing these in print and on the ANS website.

Vision

Nuclear technology is embraced for its vital contributions to improving peoples' lives and preserving our planet.

Mission

Advance, foster, and spur the development and application of nuclear science, engineering, and technology to benefit society.



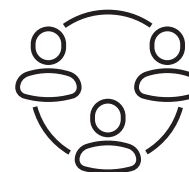
TEAMWORK

ABOUT YOUR MEMBERSHIP

Membership Benefits

Be sure to take advantage of all of the benefits offered through your ANS membership, including:

- + **ANS Publications** – A collection of newsletters, magazines, journals, and papers available for free (or at a member only discounted rate) keeping members informed on latest news and developments in nuclear
- + **Two free ANS Division memberships** – Provides access to topic-specific specialty information and networking opportunities
- + **Discounted Member Rates** for ANS Meetings and Conferences – Receive substantial savings on national and topical meetings
- + **10% ANS Store Discount** – Save 10% on ANS journals, books, Standards, and other publications available in the online ANS Store
- + **ANS Career Center** – Members can post resumes and search available job openings
- + **ANS Collaborate** – An exclusive networking site to exchange information, connect with peers, ask questions, and share knowledge and resources with nuclear professionals around the world



CONNECTION

- + **ANS Mentor Match** – An online database to help members find, connect, and share insight with other members
- + **Membership Directory** – Connect and network with other members

Other ANS Resources

- + ANS offers an array of opportunities to network and collaborate with peers, mentors, and leaders in the field:
 - ANS Local Sections, Professional Divisions, and Committees keep you engaged with other dedicated nuclear science and technology professionals
 - Conferences, workshops, and meetings keep you informed, energized and involved in the nuclear community
 - Online discussion forums allow for continuous information exchange through ANS Collaborate, Facebook, and LinkedIn
 - ANS Nuclear Cafe blog provides important updates and publishing opportunities for members
- + With a large assemblage of experts in nuclear science and technology within our membership, ANS leads in the development, dissemination, and application of nuclear science and technology through:
 - Articles and papers (Journals, *Nuclear News*, Proceedings, Transactions, Books)
 - Conferences, Standards, workshops, and webinars
 - Standards
- + ANS sponsored outreach:
 - ANS Center for Nuclear Science and Technology Information
 - ANS Engage (advocate for nuclear policy issues with your elected officials)
 - Congressional Seminar Series, teacher workshops, position papers, regulators and legislators

PUBLICATIONS

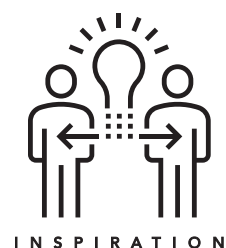
The following are included in your membership

ANS News newsletter covers position statements, public outreach efforts, honors and awards, meetings, and national policy debates.

ANS Policy Wire e-alerts to stay current on federal legislative and regulatory developments impacting nuclear science and technology.

Notes & Deadlines provides a monthly email briefing of upcoming ANS events and activities.

Division Newsletters are distributed to division members twice per year on average.



Journals* offer free searchable online access to current and archived issues

- *Fusion Science and Technology* journal publishes peer-reviewed papers on previously unreported work concerning all phases of fundamental research and applications of fusion technology.
- *Nuclear Science and Engineering* journal contains peer-reviewed technical papers, notes, critical reviews, computer code abstracts, and letters to the editor on research and development in all areas related to peaceful uses of nuclear energy and radiation.
- *Nuclear Technology* journal reports on the practical application of nuclear science and technology. Archival papers address uranium mining, radioactive waste disposal, nuclear plant operation, accident analysis, non-proliferation issues, and more.

Nuclear News magazine reports on nuclear power, plant operations, waste management, legislation, research and development, education, standards, and more. The annual Buyers Guide lists 850+ suppliers of industry products and services.

Nuclear Standards News* covers key events and issues in the nuclear standards field, in newsletter format. Topics address regulatory issues, standards actions, ANS committee activity, and updates on publications. A calendar of nuclear standards-related events is included.

Radwaste Solutions* online focuses on all aspects of radioactive waste decommissioning and management including generation, treatment, and cleanup.

Available for purchase at member discounts

Proceedings provides the latest reports from meetings and conferences on current research and applications in nuclear science and engineering.

Transactions* summarizes all papers presented at ANS Annual and Winter Meetings.

*Print subscriptions include searchable online access. To order additional publications, call 708-579-8210 or visit the ANS Store at ans.org/store.

RESOURCE DIRECTORY

ANS Collaborate

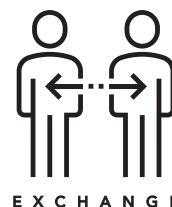
This private, virtual networking online resource is your portal to engage with fellow members through discussion boards and file sharing. [Learn more.](#)

Career Center

ANS members may upload up to five resumes to the Career Center database using the online posting form. Members may also view the online available jobs database, conveniently indexed for keyword searching. [Learn more.](#)

Center for Nuclear Science and Technology Information

The Center is an ANS initiative designed to help the general public understand, support, and



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appreciate the ways nuclear enhances our lives. Visit nuclearconnect.org to learn more and to contribute. [Learn more.](#)

Champions

The ANS Champion program is a donation based program that provides individuals a way to show their support for ANS and the rest of the nuclear community. The proceeds from this program enable ANS to do the following:

- Offer professional development opportunities
- Provide a forum for sharing information and advancements in technology
- Engage the public and policymakers through communication outreach
- Support student scholarships and award programs

[Learn more.](#)

There are three levels of support to choose from:

Patron \$500+

Benefactor \$250–\$499

Advocate \$100–249

Divisions and Technical Groups

Professional divisions and technical groups plan the technical programs at ANS national and topical meetings. Divisions provide a means to share information targeting technical specialties through meetings, newsletters, networking, and online. Members receive free membership to two free divisions or technical groups (of the 22). Additional memberships may be purchased for \$10.

[Learn more.](#)

Honors and Awards

ANS gives special recognition to those demonstrating outstanding achievement in nuclear and related professions. In addition to individual lifetime achievement awards, ANS also recognizes historically significant nuclear landmarks. [Learn more.](#)

Local Sections and other Constituent Units

Local Sections and Student Sections are established throughout the world. They hold local professional meetings and conduct educational and public outreach activities in their communities. The Alpha Nu Sigma National Honor Society, with chapters at 25 higher education institutions, recognizes outstanding students in nuclear engineering. [Learn more.](#)

Meetings

ANS holds two national meetings each year, the Annual Meeting and the Winter Meeting. These meetings feature comprehensive technical programs, featured panel sessions, networking opportunities, offsite technical tours, special events, and often an embedded topical meeting. The Winter Meeting includes the Nuclear Technology Expo, a trade show where attendees may preview the latest technical advancements. ANS also holds several topical meetings and workshops each year. Professional divisions and local sections regularly conduct topical meetings that provide comprehensive coverage of selected technical subjects. [Learn more.](#)

Mentor Match

Mentor Match utilizes an online database and a Mentoring Discussion Group with information archives to help members find, connect, and share insight with other members. Enjoy the professional development benefits of mentoring, no matter your location. [Learn more.](#)

Navigating Nuclear

The ANS Center for Nuclear Science and Technology Information has joined forces with Discovery Education to reach classrooms across the country with Navigating Nuclear: Energizing Our World™, a suite of innovative curricular resources. This bold education initiative will help students discover the answers to important questions like: How does nuclear energy power our homes and communities, ensure safe food for our table, keep us healthy, and catapult us to the far reaches of space? [Learn more.](#)

Online Store

The online ANS Store offers books, journals, magazines, Standards, maps, meeting proceedings, and more for purchase at members only discounted prices. Many documents are available for immediate download. Visit ans.org/store often to view all offerings.

Open Select Publishing

Authors may opt to publish their open access work through the Open Select program. With Open Select, your research is validated through a robust peer review process and is quickly published. The program provides free copies to distribute, and promotion tips through the Author Services site. Easy to use tracking tools show the impact your research is making in the community.

Outreach

ANS provides resources for members to educate the public on nuclear science and technology. Whether speaking at schools, participating in forums, or writing letters, members are encouraged to serve as conduits of information in their local communities to educate the public and promote the industry. [Learn more.](#)

Social Media

Join ANS at the Nuclear Café, the ANS blog for all things nuclear; and follow us on Facebook, LinkedIn, Twitter, Instagram, and Pinterest. [Learn more.](#)

Student Members

Student members have special additional opportunities for interaction through ANS. Each year, an ANS-sponsored student conference takes place at a host university. Students may also apply for an undergraduate or graduate ANS scholarship based on need or academic merit. [Learn more.](#)

Young Members Group

All ANS professional members under the age of 36, are graduate students and/or are recent graduates are automatically members of the Young Members Group (YMG). The YMG encourages and enables members to be actively involved in the efforts and endeavors of the Society. YMG nominates young professionals for leadership opportunities and awards, collaborates in developing content for ANS meetings, and sponsors career development and networking opportunities. [Learn more.](#)