

The banner features a blue sky background with a city skyline. In the center, a stylized white line-art city skyline is overlaid, with a glowing atomic symbol integrated into one of the buildings. A bright light source behind the skyline creates a lens flare effect. The text 'ANS' is in large white letters, with the atomic symbol logo to its left. To the right of 'ANS' is '2025 WINTER CONFERENCE & EXPO' in white. Below this, the dates and location are listed. The bottom half of the banner has the text 'BUILDING THE NUCLEAR CENTURY' in large white letters.

ANS[®] **2025 WINTER CONFERENCE & EXPO**

November 9–12 | Washington Hilton | Washington, DC

**BUILDING THE
NUCLEAR
CENTURY**

Honors and Awards Recipients

EMBEDDED TOPICALS

Accelerator Applications (AccApp'25)

Advances in Nuclear Nonproliferation Technology and Policy Conference (ANTPC 2025)

International High Level Radioactive Waste Management (IHLRWM 2025)

Young Professionals Congress



2025 WINTER CONFERENCE & EXPO

ANS Opening Plenary Session Awards

Monday, November 10, 2025
8:00–11:30AM

Presentation Of Awards

Dr. H.M. Hashemian
Honors and Awards Committee Chair
ANS President 2025-2026



Award Recipients

ANS Fellow

Seaborg Medal

Dwight D. Eisenhower Medal

Mary Jane Oestmann Professional Women's Achievement Award

Untermeyer & Cisler Reactor Technology Medal

Social Responsibility in the Nuclear Community Award

Landis Public Communication & Education Award

Young Members Advancement Award

Young Member Excellence Award

Standards Service Award

OPENING PLENARY SESSION AWARDS

Seaborg Medal



Presented to:
Dr. Jess C. Gehin
Idaho National Laboratory

In recognition of his outstanding contributions to nuclear science and technology through his technical accomplishments and leadership in nuclear reactor physics, nuclear fuel cycle, modeling and simulation, and reactor technology, leading to the first deployment of a new reactor at Idaho National Laboratory in 50 years.

Dwight D. Eisenhower Medal



Presented to:
Amb. Laura S. H. Holgate
*Former US Ambassador to United Nations
Organizations in Vienna, Austria*

In recognition of her years of dedication to our nation in nuclear security and for outstanding service to the greater worldwide nuclear community.

OPENING PLENARY SESSION AWARDS

ANS Fellow



Presented to:
Dr. Kenneth Michael Goff
U.S. Department of Energy's Office of Nuclear Energy

Scientific or technical leadership in a nuclear enterprise of substantial scope.

In recognition for exceptional contributions to the effective and reliable use of nuclear energy in the U.S. and around the world, in particular through stellar senior leadership of DOE, outstanding technical and policy advice at DOE and OSTP and significant technology development at INL/ANL.



Presented to:
Dr. W. David Pointer
Oak Ridge National Laboratory

Scientific or technical leadership in a nuclear enterprise of substantial scope.

For distinguished contributions to nuclear reactor thermal-hydraulics and safety through high-fidelity simulation, development of advanced modeling tools, and leadership in national R&D programs, as well as impactful service advancing innovative reactor technologies and international collaboration within the nuclear engineering community.

OPENING PLENARY SESSION AWARDS

ANS Fellow



Presented to:

Dr. Pedro Vaz

*Instituto Superior Tecnico (IST),
University of Lisbon*

Outstanding efforts in the areas of nuclear health, safety, safeguards, or regulation.

In recognition of his outstanding international leadership in radiation protection and shielding, pioneering contributions to Monte Carlo simulation methods, and decades of impactful service to the global nuclear community through research, education, and collaboration with international organizations and the American Nuclear Society.



Presented to:

Dr. Minami Yoda

Michigan State University

Notable original research or invention in the nuclear field.

In recognition of fundamental contributions to the thermal-fluids aspects of fusion technology including liquid protection and gas cooling of reactor first walls in inertial and magnetic fusion energy. She has co-authored more than 55 directly-related journal publications, advised numerous graduate students, and participated in national and international design studies.

OPENING PLENARY SESSION AWARDS

Mary Jane Oestmann Professional Women's Achievement Award



Presented to:

Dr. Michelle (Shelby) Bensi

University of Maryland

In recognition of outstanding contributions to the advancement of probabilistic assessment of natural hazards at nuclear plant sites.



Presented to:

Dr. Askin Guler Yigitoglu

Oak Ridge National Laboratory

In recognition of exceptional technical innovation and contributions to probabilistic risk assessment methodologies for advanced reactors and sustained leadership in nuclear safety and reliability.

Untermeyer & Cisler Reactor Technology Medal



Presented to:

Dr. John H. Jackson

Idaho National Laboratory

In recognition of his leadership with the Nuclear Science Users Facility and the Gateway for Advanced Innovation in Nuclear at Idaho National Laboratory.

OPENING PLENARY SESSION AWARDS

Alvin M. Weinberg Medal



Presented to:
Dr. John C. Wagner
Idaho National Laboratory

In recognition of his nearly three decades of leadership in nuclear science and technology, with significant contributions to the Department of Energy's national laboratories, groundbreaking research at Idaho National Laboratory, and influential roles in international nuclear energy policy and advanced nuclear technology advocacy.

Landis Public Communication & Education Award



Presented to:
Julie G. Ezold
Oak Ridge National Laboratory

In recognition of her demonstrated passion and commitment to advancing understanding and interest in nuclear science and technology. Her outreach efforts over the past year further exemplify the breadth of her outreach efforts, spanning from very young students to college graduates and the public.



Presented to:
Dr. Robert B. Hayes
North Carolina State University

In recognition of his sustained and impactful efforts to improve public understanding of nuclear science and technology through social media engagement and accessible writing, making complex topics relatable and fostering informed dialogue on radiation safety, nuclear energy, and national security.

OPENING PLENARY SESSION AWARDS

Social Responsibility in the Nuclear Community Award



Presented to:
Alyssa Hayes
University of Tennessee

In recognition of her nation-wide initiatives to boost representation within STEM and nuclear fields and to strengthen nuclear outreach to underrepresented communities. Her leadership highlights include the CRANE Foundation, Uncharted Waters programming series, and the 2023 ANS Student Conference.

Young Members Advancement Award



Presented to:
Dr. Ishita Trivedi
Idaho National Laboratory

In recognition of her visionary leadership that redefined how we support and empower young professionals in the nuclear industry. Her initiatives have built lasting pathways for mentorship, visibility, and inclusion—impacting not just today’s young members, but generations to come.

Young Member Excellence Award



Presented to:
Julianne McCallum
Nuclear Energy Institute

In recognition of her outstanding dedication and significant contributions to fostering the development and engagement of young professionals in the nuclear community. As an active ANS member, she exemplifies the qualities underscored by the Young Member Excellence Award.

COMMITTEE AWARDS

Standards Service Award



Presented to:
James S. Baker
Spectra Tech, Inc.

In recognition of your excellent leadership, mentorship, and service to the criticality safety standards community, thereby educating and empowering the next generation of criticality safety engineers. Presented at the opening Plenary at the ANS 2025 Winter Conference & Expo.

Glenn T. Seaborg Congressional Science and Engineering Fellowship



Presented to:
Alyssa Hayes
University of Tennessee



Lt. Benjamin Kasper
U.S. Navy

COMMITTEE AWARDS

Local Section Meritorious Awards (ETWDD & LSC)

The Local Section Meritorious Award is presented to the ANS local sections that have conducted the most worthwhile events; have shown outstanding membership growth, participation, and administration during the award year.

This year's recipients are:

Trinity Local Section

Best Meetings and Programs

Pittsburgh Local Section

Best Public Information & Education

Idaho Local Section

Best Section Management & Best Membership

Savannah River Local Section

Best Overall

Samuel Glasstone Awards (ETWDD & SSC)

The Samuel Glasstone Award recognizes outstanding ANS Student Sections.

This year's recipients are:

University of Illinois, Urbana Champaign Student Section

Best Section

University of Puerto Rico in Mayagüez Student Section

Second Place

Missouri University of Science and Technology Student Section

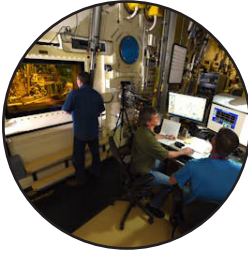
Honorable Mention

University of New Mexico Student Section

Honorable Mention

Awards Not Presented

Nuclear Historic Landmark Award

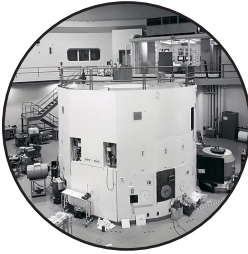


Presented to:

Hot Fuel Examination Facility

Idaho National Laboratory

For over 50 years, the Hot Fuel Examination Facility has supported remote examination of irradiation experiments from EBR-II, TREAT, FFTF, and ATR, providing fuels and materials performance data used in fuel and components research, development, and qualification.



Presented to:

Neely Nuclear Research Center

Georgia Institute of Technology

The Neely Nuclear Research Center at Georgia Institute of Technology advanced nuclear science through its pioneering reactor design, biomedical applications, and training of generations of engineers. As a unique academic complex integrating reactor, radiochemistry, and irradiation capabilities, it played a transformative role in peaceful nuclear research.



Presented to:

Oak Ridge Gaseous Diffusion Plant K-25 (East Tennessee Technology Park)

United Cleanup Oak Ridge LLC (UCOR)

The former Oak Ridge Gaseous Diffusion Plant (K-25) - now the East Tennessee Technology Park - is a once-contaminated government site which played a key role in development of the first atomic bomb. It is now a clean, vibrant hub of innovation that is leading today's renaissance of nuclear energy.



**2025 WINTER
CONFERENCE & EXPO**

ANS Tuesday Plenary Award

Tuesday, November 11, 2025
8:00–9:45AM

Presentation Of Awards

Dr. H.M. Hashemian
Honors and Awards Committee Chair
ANS President 2025-2026



Award Recipients

Presidential Citations

Milton Levenson Distinguished Service Award
Darlene Schmidt Science News Award

Division and Committee Acronyms

**ETWDD - Education, Training and Workforce
Development Division**

FCWMD - Fuel Cycle & Waste Management Division

IRD - Isotopes and Radiation Division

LSC - Local Sections Committee

NISD - Nuclear Installations Safety Division

NNPD - Nuclear Nonproliferation Policy Division

SSC - Student Sections Committee

THD - Thermal Hydraulics Division

YMG - Young Members Group

TUESDAY PLENARY AWARDS

Presidential Citations



Presented to:
William A. Horin
(Posthumously)

In recognition of his expertise, counsel, and commitment to the safe and effective governance of nuclear energy.

TUESDAY PLENARY AWARDS

Milton Levenson Distinguished Service Award



Presented to:
Kenneth J. Rueter
United Cleanup Oak Ridge, LLC (UCOR)

In recognition of his leadership at UCOR and the Department of Energy creating a new and durable legacy, providing clean land for cutting edge missions, nuclear deterrence modernization, and continued economic growth for the State of Tennessee. Environmental clean-up has positioned Oak Ridge as the epicenter of America's nuclear renaissance.

Darlene Schmidt Science News Award



Presented to:
Sonal Patel
Access Intelligence

In recognition of her delivering technically rigorous and accessible reporting on nuclear energy. Her recent work covers advanced reactors, microreactors, spent fuel recycling, and nuclear power in space. Grounded in expert interviews and regulatory analysis, her writing connects complex science to broader societal impacts. Patel's clarity and depth make her a vital voice in the nuclear renaissance and an exemplary candidate for the Darlene Schmidt Science News Award.

DIVISION AWARDS

Mark Mills Award (ETWDD)



Presented to:
Emily Proehl
University of Tennessee Knoxville

For her work entitled: *The effect of stress on Laves phase precipitation in creep ruptured Grade 92 ferritic martensitic steel determined by an accessible volume fraction and number density quantification method.*

Robert L. Long Training Excellence Award (ETWDD)



Presented to:
**Risk Assessment Training Program (RATP)
Team w/Mike Calley**
Idaho National Laboratory

The INL Risk Assessment Training Program team, led by Mike Calley, is recognized for its exceptional expertise and dedication. Their contributions have significantly enhanced the safety standards of the U.S. nuclear fleet and the U.S. Nuclear Regulatory Commission, making them deserving candidates for the Robert L. Long Training Excellence Award.

DIVISION AWARDS

Student Design Competition (ETWDD)

Teams will present their work on Monday, November 10, 2025

The following are the finalists in the undergraduate category
(in no particular order):

Design and Assessment of a Digital Twin for Real-Time Monitoring and Anomaly Detection in a Three-Loop Heated Flow System

University Tennessee, Knoxville
Authors: James William Carnal, Aaron Bradley Clark, Braden Layne Copley, and Jacob Peterson

Design and Application of Machine Learning System for Predictive Emergency Response

Purdue University
Authors: Qi Heng Law, Vishwas Raja Mukundan Krishnaswamy, Halen Munday, John Edward Jackson, and Todd R. Smith

FCWMD Significant Contribution Award



Presented to:
Dr. Kaushik Banerjee
Idaho National Laboratory

For developing STANDARDS and automating the GC-859 process to enhance research, regulatory analysis, and improve efficiency in spent fuel management and his continued leadership. Presented at the International High-Level Radioactive Waste Management (IHLRWM) Conference.

DIVISION AWARDS

FCWMD Distinguished Service Award



Presented to:

Dr. Christina Leggett

Oklo Inc.

In recognition for her outstanding participation in the leadership of the division and the Society. Presented at the International High-Level Radioactive Waste Management (IHLRWM) Conference.

FCWMD Lifetime Achievement Award



Presented to:

Mr. Andrew R. Griffith

U.S. Department of Energy

In recognition of his lifetime leadership in the development and promotion of fuel cycle technologies and nuclear waste management missions in the United States of America. Presented at the International High-Level Radioactive Waste Management (IHLRWM) Conference.

Radiation Science & Technology Award (IRD)



Presented to:

Dr. Richard H. Howard

Oak Ridge National Laboratory

For leadership in innovative design, analysis, and continuous improvement of test reactor capabilities for isotope production, enabling critical industrial and national applications in space exploration, medical treatments, and beyond.

DIVISION AWARDS

NCSD Outstanding Contributions Award



Presented to:
Benjamin Martin
GE Vernova

For his committed and impactful contributions to the NCSD and exceptional leadership demonstrating an unrelenting commitment to excellence.

NCSD Technical Excellence Award



Presented to:
Jennifer L. Alwin
Los Alamos National Laboratory

For her outstanding contributions to operational criticality safety at LANL, advancing the state-of-the-art of sensitivity uncertainty analyses, and support of the DOE CSSG.

Theos J. “Tommy” Thompson Award For Reactor Safety (NISD)



Presented to:
Carl Richard (Rick) Grantom
C.R. Grantom P.E. & Assoc. LLC (CRG LLC)

For his outstanding contributions and leadership in implementing risk-informed application of PRA in technical specification, graded QA, inservice inspection and testing, and comprehensive risk management of operating nuclear power plants. Presented at Highlights of PSA 2025 session on Wednesday Nov. 12th.

DIVISION AWARDS

Nuclear Nonproliferation Policy Division Service Award (NRPD)



Presented to:
Thomas E. Hanlon
Y-12 National Security Complex

In recognition of exemplary commitment, inclusive leadership, and tireless service in advancing the mission of the ANS Nuclear Nonproliferation Policy Division and enhancing the strength of the nuclear security community at large.

Technical Achievement Award (THD)



Presented to:
Dr. Stephen M. Bajorek
U.S. Nuclear Regulatory Commission

For his outstanding technical contributions in advancing the field of nuclear reactor thermal hydraulics and safety, particularly in enhancing the US NRC's licensing code capabilities for LWRs, and for his vision of the NRC licensing strategy for advanced nuclear reactors.