

# **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



### **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**

**Darlene Schmidt Science News Award** 

ANS Fellow

Seaborg Medal

Dwight D. Eisenhower Medal

Presidential Citations

Mary Jane Oestmann Professional Women's Achievement Award

Untermyer & 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

Milton Levenson Distinguished Service Award

#### **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.

#### **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.

#### **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.

#### **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.



Presented to: **Dr. Edward D. Blandford**Kairos Power LLC

In recognition of pioneering leadership in advanced reactor technology and transformative contributions to nuclear safety and innovation and for helping to build one of the first Gen IV nuclear reactors in the United States.



Presented to:

Dr. Steven J. Zinkle
University of Tennessee Knoxville

In recognition of his groundbreaking research in nuclear materials science and leadership in advancing materials for extreme environments and his years of teaching and mentoring nuclear engineering students.

#### **Presidential Citations**



Presented to:

Dr. Kurt A. Terrani
Standard Nuclear

For dedication and leadership in combining computational modeling and experimental techniques to advance nuclear fuel safety and performance, and for building one of the first TRISO fuel fabrication prototype facilities in the United States.



Presented to:

Prof. Imre Pázsit

Chalmers University of Technology

For lifetime contributions to nuclear reactor physics, reactor diagnostics, international collaboration, and education of generations of nuclear engineers and scientists.

#### **Presidential Citations**



Presented to: Jennifer T. Gordon Atlantic Council Global Energy Center

For outstanding leadership in aligning international nuclear energy policy with broader geopolitical and environmental goals and public discourse.



Presented to: **Aleshia Duncan**U.S. Department of Energy

For exceptional leadership and tireless efforts and dedication to shaping the international nuclear policy and cooperation regimes.

#### **Presidential Citations**



Presented to: **Tim Gitzel**Cameco Corporation

For strategic leadership, global influence, deep industry expertise, and outstanding contributions to global nuclear fuel development and production industry.



Presented to:

Dr. Krishna P. Singh
Holtec

For entrepreneurial leadership, technological innovation, commitment to sustainable energy and social progress and resurrecting a shut-down nuclear power plant in the United States.



Presented to: **Dr. Stephen K. Streiffer**Oak Ridge National Laboratory

For deep commitment to advancing material science, enabling large-scale scientific infrastructure, and advancing national laboratory science and nuclear innovation.

# 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.

#### **Untermyer & 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.

#### 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.

#### Social Responsibility in the Nuclear Community Award



Presented to: **Alyssa Hayes**University of Tennessee, Knoxville

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.

# OPENING PLENARY SESSION 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 cleanup 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.

# **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, Knoxville



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

Rest 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.

# 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 (NNPD)**



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.

#### **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