



ANS[®]

2026 ANNUAL CONFERENCE

May 31–June 3 | Sheraton Denver | Denver, CO

NET OUT →

POWER UP ↑

**Honors and Awards
Recipients**



American Nuclear Society

Opening Plenary Awards

Monday, June 1 | 8:00–11:30 am



Presentation of Awards:

Hash Hashemian,
Honors and Awards Committee
Chair

AWARD RECIPIENTS

ANS FELLOWS

PRESIDENTIAL CITATIONS

LANDIS YOUNG MEMBER ENGINEERING ACHIEVEMENT AWARD

LEADERSHIP AWARD

MILTON LEVENSON DISTINGUISHED SERVICE AWARD

MISHIMA AWARD

UNTERMYER & CISLER REACTOR TECHNOLOGY MEDAL (AESJ)

ANS Fellows



Presented to:

Dr. Douglas C. Crawford

Idaho National Laboratory

Outstanding achievement in design, engineering, or operations in the nuclear power field or other applications of nuclear technology.

In recognition of providing exceptional leadership in advancing the technical basis for the use of metal and mixed-oxide fuels in sodium-cooled fast reactors, including the retrospective documentation of a systematic approach to fuel qualification. He also led research and engineering teams in the development of advanced technologies and in providing critical support to operating nuclear plants.



Presented to:

Dr. Jie Lian

Rensselaer Polytechnic Institute

Notable original research or invention in the nuclear field.

For pioneering original contributions to nuclear fuels, advanced fuel cycle technologies, and effective nuclear waste management; advancing fundamental understanding of materials behavior under extreme environments; and providing outstanding leadership in nuclear engineering education, accreditation, and workforce development.

ANS Fellows



Presented to:

Dr. Igor Remec

Oak Ridge National Laboratory

Notable original research or invention in the nuclear field.

In recognition of his significant impact in multiple science and technology areas. His seminal research contributed to explaining HFIR accelerated-embrittlement in mixed neutron-gamma field and assessing radiation-induced concrete degradation, allowing safe continued operation of nuclear power plants. His leadership is essential for Second Target Design of the Spallation Neutron Source.



Presented to:

Dr. Michael R. Tonks

University of Florida

Outstanding leadership as a teacher in the nuclear field.

For transformed nuclear materials modeling by pioneering mechanistic, multiscale approaches used in fuel performance codes and by establishing MOOSE-based mesoscale simulation tools, including the foundation of DOE's MARMOT code. His leadership and mentorship have advanced predictive capability and trained the next generation of nuclear materials modelers.

ANS Fellows



Presented to:

Dr. Kenan Ünlü

Pennsylvania State University

Outstanding leadership as a teacher in the nuclear field.

For visionary leadership in transforming university research reactor infrastructure and advancing neutron beam science, and for establishing nationally impactful nuclear security and radiochemistry education programs that have strengthened U.S. nuclear capability and scientific enterprise.



Presented to:

Garry G. Young

EPRI

Outstanding achievement in design, engineering, or operations in the nuclear power field or other applications of nuclear technology.

For demonstrating exemplary leadership in advancing the long term safe operation of nuclear power plants worldwide. His contributions include directing license renewal initiatives and leading industry organizations in establishing standards for aging management that support safe continued operation for 80 years or more.

Presidential Citations



Presented to:

Dr. Yasir Arafat

Aalo Atomics

For his pioneering work on MARVEL and for applying that expertise as co founder and CTO of Aalo Atomics in developing factory-built nuclear pods to deliver ultra low cost power.



Presented to:

Mr. Tighe W. Smith

Paragon

For twenty years of service in nuclear engineering, digital safety systems and industry standards development.

Presidential Citations



Presented to:

Dr. Rian M. Bahran

U.S Department of Energy

For his impactful leadership at the U.S. Department of Energy in development and deployment of advanced nuclear reactors.



Presented to:

Ambassador Sylvie

Bermann

GIFEN

For her exceptional leadership in delivering a first-class nuclear energy event in Paris France Known as World Nuclear Exhibition 2025.

Presidential Citations



Presented to:

Ms. Tracy S. Boatner

East Tennessee Economic Council

For exceptional leadership as President of ETEC and successful design and delivery of the NOW conference facilitating connections among nuclear engineering and science community.



Presented to:

Rep. Chuck Fleischmann

U.S. Representative – Congressman of TN

For his role as the leading congressional advocate for nuclear energy as chairman of House Energy and Water Development Appropriations Subcommittee.

Presidential Citations



Presented to:

Mr. Ho Nieh

U.S. Nuclear Regulatory Commission

For his pragmatic regulatory leadership and striking the right balance between regulatory efficiency and nuclear safety to maintaining the highest standard of public trust.

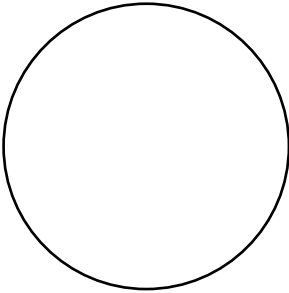
Presented to:

**ANS Savannah River
Local Section**

For the dedication of its individual members for advancing the mission of the American Nuclear Society and contributing to nuclear science and technology.



Presidential Citations



Presented to:

Mr. Yasushi Ando

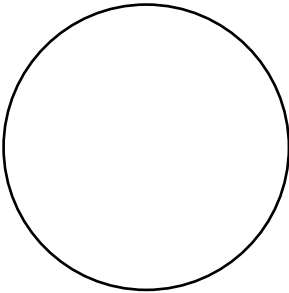
*Federation of Electric Power
Companies of Japan*



Presented to:

Dr. Hiroyuki Oigawa

*Federation of Electric Power
Companies of Japan*



Presented to:

Mr. Nobuyoshi Ishida

*Federation of Electric Power
Companies of Japan Washington Office*

For exceptional hospitality and generous support of visit of ANS leadership to Japan nuclear energy facilities in April 2026.

Presidential Citations



Presented to:

Mr. Naohiro Masuda

Japan Nuclear Fuel Limited

For heroic efforts, decisive actions, and extraordinary leadership in safeguarding the Fukushima Daini Nuclear Power Plant helping to prevent a severe nuclear accident following the natural disaster caused by the Great East Japan Earthquake and tsunami in March of 2011.



Presented to:

Mr. Akira Ono

Tokyo Electric Power Company Holdings, Inc.

For effective management of recovery and cleanup of the accident- stricken Fukushima Daiichi Nuclear Power Plant in Japan.

Untermeyer & Cisler Reactor Technology Medal (AESJ)



Presented to:

Dr. Zeyun Wu

Virginia Commonwealth University

In recognition of significant contributions to reactor physics and reactor technology through the development and application of advanced computational methods, enabling improved reactor analysis, safety evaluation, and design for current and next generation nuclear systems, and for advancing the field through leadership, research innovation, and professional service.

Landis Young Member Engineering Achievement Award



Presented to:

Dr. Abdalla Abou-Jaoude

Idaho National Laboratory

In recognition of his outstanding leadership in advanced reactor technology development, demonstrated through his role as head of the U.S. Department of Energy's Microreactor Applications Research Validation and Evaluation (MARVEL) demonstration project, and for leading the first ever irradiation of a molten chloride fuel salt sample. Presented at the ANS Winter Conference

Landis Young Member Engineering Achievement Award



Presented to:

Dr. Michael William Donald Cooper

Los Alamos National Laboratory

In recognition of his sustained, high impact contributions to nuclear power research and development through the application of engineering knowledge through his ability to translate the insight gained from atomistic simulations to the engineering scale, incorporating physics-based mechanisms that improve the robustness of fuel performance models.



Presented to:

Dr. Xu Wu

North Carolina State University

In recognition of outstanding achievements in developing and deploying engineering-grade uncertainty quantification and machine learning (ML) methodologies for nuclear applications to address critical challenges facing the nuclear industry today, and to establish predictive credibility, regulatory readiness, and practical applicability of physics-based and hybrid ML methods in nuclear systems.

Leadership Award



Presented to:

Dr. Sunil Chirayath

Oak Ridge National Laboratory

For visionary leadership and sustained service to the American Nuclear Society. Through division leadership, conference planning and participation, technical programming, workforce development, and mentorship, Dr. Sunil Chirayath has significantly strengthened ANS's excellence and global impact in nuclear safeguards, security, and policy.

Milton Levenson Distinguished Service Award



Presented to:

John Arthur (Jay) Mullis, II

United Cleanup Oak Ridge, LLC

In recognition of his stewardship and leadership at UCOR. He led the first-ever cleanup of a uranium enrichment complex, delivering results safely, ahead of schedule, and under budget—enabling large-scale land reuse, economic revitalization, and a national resurgence in advanced nuclear technologies. More than 2,500 acres of cleaned-up federal land has been transferred to the local community. Dozens of nuclear-based companies are located at the East Tennessee Technology Park, leading a national renaissance for nuclear energy in advanced reactor concepts, new fuel sources and uranium enrichment capacity.

Mishima Award



Presented to:

Dr. Andrew T. Nelson

Oak Ridge National Laboratory

For his technical accomplishments, leadership, mentoring, and active role developing and maintaining US nuclear fuels research.

Outgoing President Appreciation



Presented to:

Hash Hashemian

ANS President, 2025 – 2026

For outstanding leadership and dedication during his term as the President of the American Nuclear Society.

In honor of Hash Hashemian, whose visionary leadership as president of the American Nuclear Society strengthened the nuclear community at every level. Through dedicated national and international engagement, he championed global collaboration and represented ANS on the world stage, advancing collective progress in nuclear science and technology.

His commitment to clarity in governance, thoughtful modernization of presidential practices, and emphasis on efficient, mission-driven service brought lasting institutional strength.

Above all, his passion for workforce development, education, and philanthropic support helped inspire the next generation of nuclear professionals, ensuring a resilient and innovative future for the Society and the industry it serves.

Awards Presented at NECX

Dwight D. Eisenhower Medal



Presented to:

Rafael M. Grossi

International Atomic Energy Agency

For his exceptional international leadership in advancing nuclear safety, security, and nonproliferation. Since 2019, DG Grossi has strengthened global safeguards, upheld the peaceful use of atomic energy, and demonstrated courageous diplomacy during complex global challenges—embodying the principles of international cooperation and responsibility envisioned in President Eisenhower’s Atoms for Peace legacy.

Walter H. Zinn Medal



Presented to:

Dr. Jeff Waksman

U.S. Army / Pentagon

For outstanding leadership implementing advanced nuclear technology, developing the Pele microreactor, and fostering impactful nuclear supporting legislation.

Division Awards

Arthur Holly Compton Award in Education (ETWDD)



Presented to:

Dr. Todd R. Allen

University of Michigan

For long-standing contributions to nuclear engineering research, policy, and education. In addition to leading NERS, he serves as the director of the Fastest Path to Zero Initiative and the Michigan Memorial Phoenix Project. His work bridges academic excellence with public engagement, focusing on sustainable energy transitions, advanced reactor technologies, and the integration of community perspectives into nuclear innovation.

Lifetime Achievement Award (FCWMD)



Presented to:

Dr. Kenneth C. Marsden

Idaho National Laboratory

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.

Division Awards

Significant Contribution Award (FCWMD)



Presented to:

Dr. Stephanie H. Bruffey

Idaho National Laboratory

For leadership in nuclear fuel cycle R&D, coordinating HALEU production as National Technical Director of the Energy Department's Uranium Fuel Supply Campaign, ensuring a reliable supply of high-assay low-enriched uranium and contributing significantly to advanced reactor development and fuel cycle science.

Don Miller Award (HFICD)



Presented to:

Prof. Ge Yang

North Carolina State University

For sustained pioneering contributions to nuclear instrumentation and education through development of advanced sensing technologies for monitoring and control of nuclear energy systems.

Division Awards

H.M. Hashemian Mid-Career Award (HFICD)



Presented to:

Dr. Jamie Baalis Coble

University of Tennessee Knoxville

For sustained leadership and impactful contributions to nuclear instrumentation and control, including advanced monitoring, diagnostics, prognostics, and risk informed decision support, and for transformative service to the ANS Human Factors, Instrumentation and Control Division and development of the next generation of nuclear I&C professionals.

Ted Quinn Early Career Award (HFICD)



Presented to:

Dr. Syed Bahauddin Alam

University of Illinois Urbana-Champaign

In recognition of his contributions to nuclear applications in artificial intelligence, machine learning and nuclear instrumentation and control that fundamentally advances AI-enabled virtual sensing, real-time digital twins, and regulatory-aligned intelligent monitoring systems.

Division Awards

Early-Career Excellence Award (OPD)



Presented to:

**Dr. Michael Scott
Greenwood**

Oak Ridge National Laboratory

For outstanding early-career contributions to nuclear operations and advanced reactor development. Through leadership in dynamic system modeling, integrated energy systems analysis, and safety-focused digital innovation, he has strengthened the operational credibility of advanced reactors, informed DOE deployment programs, and advanced modern tools that improve system performance, flexibility, and safety across the nuclear enterprise.

Mid-Career Excellence Award (OPD)



Presented to:

Ben Holtzman

Nuclear Energy Institute

For exceptional leadership in advancing nuclear energy through sustained technical excellence, strategic vision, and service to the American Nuclear Society. As a trusted industry leader and former Chair of the Operations and Power Division, he has strengthened OPD's impact, mentored emerging professionals, and guided complex technical and policy initiatives with integrity, accountability, and measurable results.

Division Awards

Meritorious Service Award (THD)



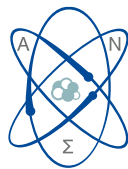
Presented to:

Dr. Robert P. Martin

U.S. Nuclear Regulatory Commission

In recognition of his long-standing and exceptional service and contributions, devoted leadership within the nuclear thermal-hydraulics community and profession, and unwavering support of the nuclear industry and students. Presented at the ANS Winter Conference

Alpha Nu Sigma National Honor Society



The Alpha Nu Sigma National Honor Society, established by the American Nuclear Society's Education, Training and Workforce Development Division, recognizes high scholarship, integrity, and potential achievement among outstanding degree-seeking nuclear engineering students at institutions of higher learning. The following individuals have been inducted into the Alpha Nu Sigma National Honor Society in 2026.

Pennsylvania State University

Calder Annear
Ian Bigler
Joshua Carter
Jackson Devera
Oscar Felegy
Guilherme Gottems
Ansel Kneier
Samson Lynch
Blake Morgan
Matthew Tavalsky
Mahmoud Yaseen

Purdue University

Garrett Akre
Mitchell Bolen
Alexis Lauren Colombo
Garrett Enslin
Maximilian Fultz
Jackson Goehle
Matthew Halloran
Alexander Herbert
Gavin Jester
Michael Jones
Christopher A. Meskauskas
Mark J Miller
Alexander Lucian Molotiu
Kendall Nowak
Nicodemus O'Brian
Grace O'Neil
Joseph Tade Powell
Abigail E. Preston
Henry Staggs
Cora Swearingen
Dunkin York

United States Military Academy (West Point)

Samuel Ague
Andrew Conrad
Katelyn Flanders
Cameron Keene
Frances Maala
Michael Marsigliano
Chase Ruffing
Madeleine Rygh
Derek Sandie

University of California, Berkeley

Dylan Anuskiewicz
David Cerny
Kat Leong
Jonathan Loy
Dylan Miller
Allison O'Brien
Daksh Rana
Sahejroop Sethi
Aarav Sindhwad
Donny Szeghy
Haley Williams
Samuel Wolf
Alyssa Yu

University of Florida

Benjamin David
Elijah Esther
Colin Frazier
Sean Gleason
Joshua Manuel
William St. Peter
Griffin West
Sadie Wicks

Alpha Nu Sigma National Honor Society Continued



University of Michigan

Caleb Bush
Goncalo Cardoso
Carly Evans
Yves Heri
Tu Le
Joseph Mascort
Pedro Melo Moreira da Silva
Ethan Polselli
Colin Ruble
Andrew Soto
Niko Speck
Bingqing Wang
David Wen

Rensselaer Polytechnic Institute

Calder Annear
Ian Michael Bigler
Joshua Carter
Jackson McKinney Devera
Oscar Felegy
Guilherme Gottens
Ansel Kneier
Samson Lynch
Blake Morgan
Matthew Tavalsky
Mahmoud Qasim Taher Yaseen

University of South Carolina

Tristen Cordi
Robert John Demuth
Zachary K Gardiner
Sage Gordin
Andrew Robert Hanson
Oliver Phillips
Harrison Davis Weaver
Guoxin Zhong

Excelsior University-Alpha Nu Sigma

Madison Anderson
Robert J. Baylis
Noah Beck
Zachery Blackford
Jack C. Brown
Matthew Caldwell
Jeremy Alan Stone Castle
Benjamen Cavalcanti Wright
James T. Claus
Zachery Nicholas Day
Kaleb K. Dean
Ryan Patrick Diaz

Excelsior University-Alpha Nu Sigma Continued

Sophia Helene Duarte
Jonathan Flinchum
Jamie Gavorski
Nasser C. Hallquist
Joshua K. Harris
Nicholas Hartman
Joshua Huff
James M. Hutchinson, Jr.
Joshua Sterling Jones
Chase Donovan Lane
Victor Macchietto, IV
Sarah Malloy
Matthew Gregory Mastroianni
Harrison James Murphy
Nicholas Nelson
Madison Nielsen
Kelcey Aileen Osowski
Zachary Charles Parks
Joshua Rodewald
Jason Rushmore
Ian Daimar Slaughter
Wesley Thompson
Terry Warren
Robert Spencer Winter

Missouri University of Science and Technology-Alpha Nu Sigma

Farooq Ahmad
Christopher Ryan Beck
Tyler Bright
Andrew Elliot
Ethan Longenecker
Alexander Adam Roman Moeller
Taiyo Gordon Nelson
Benjamin John Pillsbury
Sailor Powley
Tyler Treat
Sunkeerth Tummala

University of Tennessee-Alpha Nu Sigma

Justin McCain Baker
William Nicholas Fritsch
Landon Liddell
Alicia Raftery
Sean Smith
Phoebe Stapleton
Riley Stewart



American Nuclear Society Scholarship Award Recipients

ANS's Scholarship Program demonstrates our commitment to educating future professionals. The scholarships recognize the academic excellence of graduate and undergraduate students studying in a nuclear field for the 2026-2027 academic year. This year, ANS awarded \$XXX,000 in scholarships to XX recipients. This is possible largely due to generous donations from ANS members, Professional Divisions, individuals, and the commitment of the ANS Board of Directors.

The Eugene S. Grecheck ANS Policy Internship

ANS Sponsored Interns

Bradford Arnold - University of Texas at Arlington

Blake Bird - Purdue University

ANS CARES / Financial Need-Based

Nontraditional Student Scholarships

Yaa Anima Opare Appiah - Pennsylvania State University

Abdulrasheed Sado - University of Tennessee, Knoxville

John and Muriel Landis Scholarship

Desmond Ali - Alfred State College

Boluwatife Ojo - Missouri University of Science and Technology

Joshua W. Pickett - Virginia Commonwealth University

Mayara Francisca Reis de Souza - Pennsylvania State University

Nolan J. Roberts - Massachusetts Institute of Technology

Undergraduate

Hans P. Loewen Memorial Scholarship

Brij B. Bhagat - Virginia Tech

Joseph Naser HFICD Undergraduate Scholarship

Taylor R. Talley - Walters State Community College

Nuclear Criticality Safety Pioneers Scholarship

Olamide A. Olabiji - Missouri University of Science and Technology

ANS/ASME Barry Sloane Memorial Undergraduate Scholarship

Alaina N. Cummings - Pennsylvania State University

Fusion Energy Division Dr. Kenneth R. Schultz Undergraduate Scholarship

Charles W. Behrman - Purdue University

Rudi Stamm'ler Reactor Physics Division Scholarship

Saanvi M. Saanvi - Georgia Institute of Technology

Graduate

Everitt P. Blizard Graduate Scholarship

Daniel Eckerberg - Kansas State University

Robert A. Dannels Memorial Scholarship

Mahmoud Eltawila - University of Illinois Urbana-Champaign

Grayson S. Gall - North Carolina State University

Decommissioning & Environmental Sciences Division Graduate Scholarship

Emily E. Gillmore - University of Illinois Urbana-Champaign

Vincent J. Esposito Thermal-Hydraulic Graduate Scholarship

Wafaa I. Osman - North Carolina State University

Ely M. Gelbard Graduate Scholarship

Andrew P. Panter - University of Michigan Ann Arbor

Gozani Family Graduate Scholarship

Klemmer T. Nicodemus - Colorado School of Mines

Alan F. Henry/Paul A. Greebler Memorial Scholarship

James A. Nellis - Pennsylvania State University

Lawrence E. Hochreiter Graduate Scholarship

Luiz Carlos Aldeia Machado - Pennsylvania State University

Saul Levine Memorial Scholarship

Hasibul Hossain Rasheeq - North Carolina State University

Michael J. Lineberry Graduate Scholarship

Sierra Tutwiler - University of Tennessee, Knoxville

Fuel Cycle & Waste Management Division John D. Randall Scholarship

Md Rafiul Abdussami - University of Michigan Ann Arbor

Massimo Salvatore's Memoriam Graduate Scholarship (RPD)

Jaden S. Palmer - North Carolina State University



American Nuclear Society Scholarship Award Recipients

James F. Schumar Scholarship

Caroline S. Ishak - Pennsylvania State University

Robert E. Uhrig Graduate Scholarship

Lauren S. Bailey - University of Tennessee, Knoxville

Vogt Radiochemistry Scholarship

Kaitlin G. Perry - North Carolina State University

Local Sections

ANS Chicago - Great Lakes Local Section Scholarship

David Wen - University of Michigan Ann Arbor

Liam J. Lesiowski - University of Michigan Ann Arbor

ANS Colorado Nuclear Science and Technology Scholarship

Aaron M. Lewis-Sandy - Colorado School of Mines

ANS Oak Ridge / Knoxville Local Section Undergraduate Scholarship

Reagan Barr - University of Tennessee, Knoxville

Evan T. David - University of Tennessee, Knoxville

William H. Gardner - University of Tennessee,
Knoxville

Jacob C. Numbers - University of Tennessee, Knoxville

Davide Rotilio - University of Tennessee, Knoxville

Abdulrasheed Sado - University of Tennessee,
Knoxville

ANS Pittsburgh Local Section Undergraduate Scholarship

Cassandra Robinson - Georgia Institute of Technology

ANS Pittsburgh Local Section Graduate Scholarship

Scout H. Bucks - Pennsylvania State University

ANS Washington DC Local Section Jeffrey A. Gorman Undergraduate Scholarship

Brij B. Bhagat - Virginia Tech

Washington DC Local Section George P. Shultz and James W. Behrens Graduate Scholarship

Nuvin A. Bazid - University of Wisconsin—Madison