



# ANS National Meeting

2013 Winter Meeting and Technology Expo



**Official Program**

**75** YEARS  
NUCLEAR  
FISSION

**November 10-14, 2013  
Omni Shoreham Hotel**



## LANDIS PUBLIC COMMUNICATION & EDUCATION AWARD



*presented to*  
**William H. Miller**

His partnership with nuclear industry has contributed a highly successful, significant model for collaborations between industry, government, and academic interactions that is revolutionizing Nuclear Technical education in the United States.

## MARY JANE OESTMANN PROFESSIONAL WOMEN'S ACHIEVEMENT AWARD



*presented to*  
**Kirsten Laurin-Kovitz**

For distinguished achievement and commitment to nuclear nonproliferation, through inspired international outreach and engagement, development of innovative curriculums and institutions, and tireless leadership.

## SEABORG MEDAL



*presented to*  
**Harold M. Agnew**

Dr. Agnew is recognized for his many years of dedicated service and significant contributions to the nuclear research and development programs of the United States Government.

## Thermal Hydraulics Division TECHNICAL ACHIEVEMENT AWARD



*presented to*  
**Chang Oh**

In recognition of his exceptional contributions to enhancing thermal hydraulic technologies of advanced reactors, and for his impact as a researcher, practitioner, designer, and leader.

## Nuclear Installations Safety Division THEOS J. "TOMMY" THOMPSON AWARD



*presented to*  
**Ali Mosleh**

In recognition of his innovative research in improving probabilistic risk and reliability analysis of nuclear plants.

## Young Members Group YOUNG MEMBERS ADVANCEMENT AWARD



*presented to*  
**Eric P. Loewen**

In recognition for his significant contributions toward young members' advancement through his support of students and young professional in all levels of society and section governance, by advocating for next generation leaders, and by encouraging young members to actively participate in public policy.

## Young Members Group YOUNG MEMBER EXCELLENCE AWARD



*presented to*  
**Piyush Sabharwall**

For his work in development and application of heat utilization using innovative techniques in nuclear hybrid energy systems and active involvement in ANS Young Members Group activities.

## STANDARDS SERVICE AWARD



*presented to*  
**Carl A. Mazzola**

In recognition of his conscientious work to develop, maintain, and facilitate the issuance of numerous meteorological and natural phenomena standards for nuclear facilities and his outstanding service to the American Nuclear Society as chair of the Nuclear Facilities Standards Committee for the last seven years.

## Decommissioning & Environmental Sciences Division W. BENNETT LEWIS AWARD



*presented to*  
**Charles E. Till**

In recognition of his lifetime of pioneering contributions to the development of economic and sustainable energy supply systems as shown by his creative and persistent effort during the development of the Integral Fast Reactor Program.

## Reactor Physics Division EUGENE P. WIGNER REACTOR PHYSICIST AWARD



*presented to*  
**Augusto Gandini**

In recognition for his fundamental contribution in establishing a new field of Reactor Physics, the Generalized Perturbation Theory for non-conservative systems. His work opened new perspectives for the validation of simulation methods using experimental data, for uncertainty analyses and, in general, for a deeper understanding of the relationships between reactor parameters and nuclear data, and their uncertainties.





## Nuclear Installations Safety Division

### GEORGE C. LAURENCE PIONEERING AWARD FOR NUCLEAR SAFETY



*presented to*  
**Adolf Birkhofer**

In recognition of his dedication and perseverance in improving the safety of nuclear facilities throughout the world.

## Radiation Protection and Shielding Division

### ROCKWELL LIFETIME ACHIEVEMENT AWARD



*presented to*  
**J. Kenneth Shultis**

For numerous contributions over the last 50 years to the practice of shielding, shielding analyses, skyshine methodology and computer algorithms, the education of students through teaching and research, the training of professionals through short courses, the publication of textbooks and technical articles, and service to the profession.

### PRESIDENTIAL CITATION



*presented to*  
**Michaela Brady Raap**

In recognition of her deep commitment to improving the Society through better use of technology. With tenacity and strength of conviction, Mikey worked to secure the approval for major improvements to the organization's core technology systems. Her unwavering resolve and passionate leadership helped to galvanize staff and successfully foster support on the Board for this major initiative. Mikey's efforts have helped to position the Society for growth and success.

### PRESIDENTIAL CITATION



*presented to*  
**William Corcoran**

For assiduous efforts to improve nuclear operations through organizational learning. Through ANS professional development workshops, William has provided training on safety culture and the human performance oriented approach to event investigation. He has championed the consistent use of root cause analysis techniques to garner lessons learned in order to improve safety. He has left an indelible mark on nuclear operations.

### PRESIDENTIAL CITATION



*presented to*  
**Audeen Fentiman**

For her impressive leadership in helping to move ANS's strategic plan into action. Stepping forward when new leadership was needed, Audeen led the Planning Committee to develop a framework for the implementation of the ANS Strategic Plan. Her selfless efforts have resulted in an actionable plan that will allow the Society to measure progress and gauge success as it moves strategically into the future.

### PRESIDENTIAL CITATION



*presented to*  
**Eric Loewen**

For his selfless dedication and unwavering determination as he managed ANS's transition to new senior leadership. His affable style together with firm resolve allowed him to gain Board support and modernize expectations for ANS's staff leadership. Eric ushered the Society through difficult discussions and critical decisions in recruiting and transitioning to a new Executive Director. His efforts have helped to promote a new culture at ANS headquarters with dynamic senior leadership that will guide the Society for years to come.

### PRESIDENTIAL CITATION



*presented to*  
**David Matthews**

In recognition of his significant contributions to the development of the ANS Operations & Power Division's Utility Working Conference. David has helped to make the UWC one of ANS's most highly regarded conferences. His efforts have helped to grow the conference into the top flight meeting within nuclear energy and to begin repositioning ANS as a leader within the nuclear energy arena.

### PRESIDENTIAL CITATION



*presented to*  
**Theodore Rockwell**

In special recognition of his service to the Society and for his lifelong commitment to advancing nuclear science and technology. His continuous efforts to promoting the profession and the field are evidenced by his enduring legacy of published works and other professional achievements. A passionate nuclear advocate, Ted was committed to honest debate about nuclear science and to truthful nuclear communication. He courageously confronted anti-nuclear sentiment as well as theories he believed faulty. His dedication to nuclear was an example for us all and the profession has benefited from his presence.



## PRESIDENTIAL CITATION



*presented to*  
**Eugene P. Wilkinson**

In special recognition of his service to the nuclear community. A true pioneer, his life was highlighted by a series of firsts, including first commander of a nuclear submarine, first commander of a nuclear surface ship, and first president and CEO of the Institute of Nuclear Power Operations. His leadership throughout his career and at INPO in particular helped to establish the levels of performance to which the industry now aspires.

## FELLOW



*presented to*  
**Nam Truc Dinh**

In recognition for his accomplished innovative research results which enabled the development and installation of severe accident mitigation devices for the GEN III LWRs. He achieved several results which improved understanding of complex thermal hydraulic phenomena important to reactor safety. He developed advanced models and computational methodology for simulation of two phase flow.

## FELLOW



*presented to*  
**Won Sik Yang**

Dr. Yang led the development of what has become the premier high fidelity reactor physics software package in the world today for fast reactor analysis. Under his technical leadership, the UNIC and MC2-3 code systems were developed under the DOE NEAMS program which have had a dramatic impact on the design and analysis of advanced GEN-IV fast reactor cores and the viability of closed fuel cycles for Transuranic and Minor Actinide Burning.

## LOCAL SECTIONS MERITORIOUS AWARD



*presented to*  
**Connecticut Local Section**  
For small local section best public information and best section management award.

## LOCAL SECTIONS MERITORIOUS AWARD



*presented to*  
**Northeastern New York Local Section**  
For small local section best meeting and programs award.

## LOCAL SECTIONS MERITORIOUS AWARD



*presented to*  
**Pittsburgh Local Section**  
For small local section best membership award.

## LOCAL SECTIONS MERITORIOUS AWARD



*presented to*  
**Idaho Local Section**  
For large local section best membership and best section management award.

## LOCAL SECTIONS MERITORIOUS AWARD



*presented to*  
**Savannah River Local Section**  
For large local section best meeting and programs and best public information award.

## Education, Training & Workforce Development Division MARK MILLS AWARD



*presented to*  
**Youngsuk Bang**  
For his work entitled  
"Hybrid Reduced Order Modeling Algorithms for Reactor Physics Calculations"

## Education, Training & Workforce Development Division ROBERT L. LONG TRAINING EXCELLENCE AWARD



*presented to*  
**Randy Edington**  
In recognition for instilling a commitment to knowledge and training supporting Palo Verde's mission to safely and efficiently generate electricity for the long term.





## DISTINGUISHED SERVICE AWARD



*presented to*

**Mimi Holland Limbach**

In recognition of exceptional dedication to changing the perception and prioritization of pronuclear communications as a responsibility of the American Nuclear Society and its members.

## OCTAVE J. DUTEMPLE AWARD



*presented to*

**Antoinette (Toni) I. Bishop**

For more than 23 years, Toni Bishop has provided exemplary service to the American Nuclear Society. Toni is well respected by ANS members and staff, and she is instrumental in the ongoing success of the Communications and Outreach Department.

Toni has been successful at planning and working on outreach programs that build awareness and understanding of nuclear science and technology. She has improved the scholarship application review and award process by streamlining procedures and creating a more effective tracking system. Toni has worked effectively with division leadership and staff to improve division communications. Toni's upbeat manner and her conscientious work habits have greatly contributed to the ANS.

## ALVIN M. WEINBERG AWARD



*presented to*

**Pete Domenici**

Senator Domenici is recognized for his many years of dedicated service and significant contributions to the nuclear programs of the United States Government.

## NUCLEAR HISTORIC LANDMARK



*presented to*

**ATALANTE**

For successfully demonstrating its uninterrupted capacity to perform intense and innovative research for the development of the nuclear fuel cycle worldwide since 1992, thanks to its teams and hot laboratories.

## NUCLEAR HISTORIC LANDMARK



*presented to*

**NIST Center for Neutron Research**

For the development of the first internationally competitive user facility for cold neutron research in the USA.

# Congratulations to all 2013 ANS Award Recipients

