

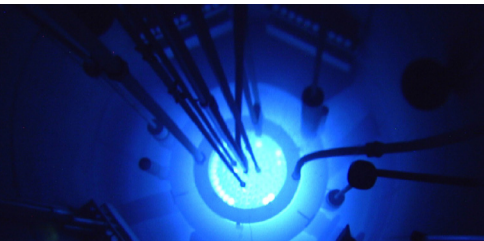


ANS Annual Meeting

2018

Honors & Awards Recipients

*DRIVING THE FUTURE OF
NUCLEAR TECHNOLOGY*



June 17-21, 2018
Philadelphia, PA
Marriott Philadelphia Downtown



American Nuclear Society

ANS Opening Plenary Session Awards

Monday, June 18, 2018

8:00 am–11:00 am

AWARD RECIPIENTS

Presentation of Awards:

Hussein S. Khalil,
Honors and Awards Committee Chair

Maria G. Korsnick,
President and CEO, Nuclear Energy Institute

ANS Fellow Awards

Henry DeWolf Smyth Nuclear Statesman Award

Landis Young Member Engineering Achievement Award

Mishima Award

ANS Fellows



Presented to:

Prof. James P. Blanchard
University of Wisconsin, Madison

For outstanding contributions to the advancement of fusion power through innovative and creative designs of the first wall, blanket, and divertor systems in extreme operating heat flux and neutron irradiation conditions.



Presented to:

Mr. Jack D. Law
Idaho National Laboratory

For internationally recognized original research, invention and leadership in the areas of chemical separation technologies related to nuclear waste treatment and used nuclear fuel recycle. Mr. Law has made significant contributions in the fields of separations chemistry, equipment development and flowsheet demonstrations.

ANS Fellows



Presented to:

Dr. Jaakko Leppänen

VTT Technical Research Centre of Finland

For transformational research in Monte Carlo particle transport methods, in particular in the field of reactor physics, and for his efforts initiating and coordinating the development of the Serpent Monte Carlo code, used worldwide in research, academia and the industry.



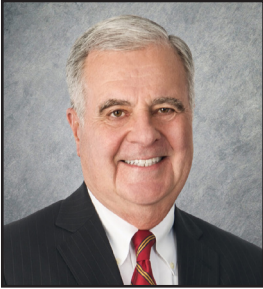
Presented to:

Dr. Joseph Y.R. Rashid

Anatech Corporation

For sustained, significant contributions to the safety of nuclear power plants through contributions in the engineering analysis of complex structures, including development of reactor plant safety evaluation methodologies and the development of nuclear fuel modeling and analysis for nominal and transient operation, along with dry cask storage.

Henry DeWolf Smyth Nuclear Statesman Award



Presented to:
Dr. James T. Rhodes
Retired

Jim Rhodes is renowned throughout the nuclear industry for his positive leadership, technical accomplishments, uncompromising integrity and gracious manner.

Presented by Maria G. Korsnick, President and CEO, Nuclear Energy Institute.

Landis Young Member Engineering Achievement Award



Presented to:
Dr. Wade Marcum
Oregon State University

For his multidisciplinary contributions to the field of reactor safety analysis, including natural circulation phenomena, critical heat flux measurement, prediction and modeling, and flow induced vibration.

Mishima Award



Presented to:
Dr. Joseph Y.R. Rashid
Anatech Corporation

For pioneering development of computational codes for analyzing nuclear fuel rod performance under steady state and transient conditions, and evaluating spent fuel casks safety.



American Nuclear Society

President's Special Session

Monday, June 18, 2018
4:30 – 6:40 pm

AWARD RECIPIENT

Presentation of Award:

John Kelly, ANS Vice President/President Elect

Outgoing President Appreciation



Presented to:

Mr. Robert N. Coward
American Nuclear Society, President,
2017-2018

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

During his term, Robert Coward played a highly influential role in strengthening ANS by highlighting the importance of nuclear energy in the world today and in the future. His focus on improving value of ANS to its members, integrating the various organizations within ANS, and simplifying the messaging of the ANS strategic plan will have long-term benefits to the Society. He traveled extensively to engage with Society members, the public, and key government officials.

For this and other contributions to ANS and the nuclear community it represents we thank Robert Coward for his service.

DIVISION-ADMINISTERED AWARDS

W. Bennett Lewis Award (DESD)



Presented to:

Prof. Frank L. Parker
Vanderbilt University

In recognition of his contributions to global sustainable energy and development and the safe and efficient management of nuclear waste, through his leadership and untiring efforts during a lifelong career in teaching and research.

This award will be presented at the ANS Winter Meeting and Nuclear Technology Expo, November 2018.

Arthur Holly Compton Award In Education (ETWDD)



Presented to:

Prof. James F. Stubbins
University of Illinois at Urbana-Champaign

In recognition of his national and international leadership and advocacy for nuclear engineering education both in the classroom and in the public arena.

Previously Presented.

Arthur Holly Compton Award In Education (ETWDD)



Presented to:

**Prof. Paul Philip Hood Wilson
University of Wisconsin, Madison**

For his unparalleled contributions to nuclear engineering computing education through innovating locally, volunteering nationally, and advising a next generation of computational nuclear engineering educators.

Previously Presented.

Don Miller Nuclear Instrumentation, Control and Human-Machine Interface Technology Award (HFICD)



Presented to

**Dr. Jin Jiang
Western University (Ontario)**

In recognition of outstanding achievement in the application of instrumental control and human-machine interface technologies.

This award will be presented at the NPIC Conference, February 2019.

Don Miller Nuclear Instrumentation, Control and Human-Machine Interface Technology Award (HFICD)



Presented to
Dr. Belle Upadhyaya
The University of Tennessee

In recognition of outstanding achievement in the application of instrumental control and human-machine interface technologies.

This award will be presented at the NPIC Conference, February 2019.

HFICD Ted Quinn Early Career Award



Presented to
Mr. Chad Kiger
Analysis and Measurement Services
Corporation (AMS)

In recognition of outstanding early career contribution to nuclear instrumentation and control technologies.

This award will be presented at the NPIC Conference, February 2019.

Utility Achievement Award (OPD)



Presented to:
**Oyster Creek Nuclear
Generating Station**

On February 2, 2018, it was announced that after 49 years of safe and reliable operation that the Oyster Creek Generating Station would permanently shutdown in September of 2018, a year earlier than planned. Even with the early closure announcement, the proud members of the Oyster Creek team remain committed to providing safe, clean, and reliable power to the community until the final megawatt is generated, solidifying Oyster Creek's legacy as the best operating nuclear power plant in the world and a great place to work.

This award will be presented at the Utility Working Conference, August 2018.

Walter H. Zinn Award (OPD)



Presented to
Mr. Brian K. Grimes
Consultant

For his contributions to the advancement of nuclear science and technology over more than 50 years of dedicated service. During that time, he led many of the key Nuclear Regulatory Commission departments in all areas. Since his retirement from NRC, he has been instrumental in advising many countries on entering and advancing the nuclear energy field in regulatory and engineering programs around the world.

For his demonstrated ongoing leadership and mentoring of future leaders and leadership in regulating nuclear energy systems over his entire career, Mr. Brian Grimes is recognized as following in the footsteps of Dr. Walter Zinn and making significant contributions to the advancement of nuclear energy in the U.S. and around the world.

This award will be presented at the OPD Honors & Awards Dinner on Monday.

Early Career Reactor Physicist Award (RPD)



Presented to
Dr. Benjamin S. Collins
Oak Ridge National Laboratory

For technical leadership in producing substantial innovations in nuclear reactor physics analysis impacting the nuclear industry through development of the CASL high performance computing reactor core simulator and a 3D molten salt reactor core simulator with precursor drift.

This award will be presented at a RPD session at this meeting.

Early Career Reactor Physicist Award (RPD)



Presented to
Dr. Massimiliano Fratoni
University of California Berkeley

For his numerous significant contributions to the conception and design of advanced reactors, and for his dedication to training the future generations of reactor physicists.

This award will be presented at a RPD session at the ANS Winter Meeting, November 2018.

Division Acronyms

- DESD - Decommissioning & Environmental Sciences Division**
- ETWDD - Education, Training & Workforce Development Division**
- HFICD - Human Factors, Instrumentation & Controls Division**
- OPD - Operations & Power Division**
- RPD - Reactor Physics Division**

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 2018-2019 academic year. This year, ANS awarded \$138,000 in scholarships to 52 recipients, and supported 2 interns for the Washington Internships for Students of Engineering (WISE) Program. This is possible largely due to generous donations from ANS members, Professional Divisions, individuals, and the commitment of the ANS Board of Directors.

INCOMING FRESHMAN CATEGORY

Jack W. Fletcher - Lindbergh High School (MO)
Brandon E. Kamiyama - Hawaii Baptist Academy (HI)
Greyson A. Maclean - Arrowhead High School (WI)
Habeeb Salau - Parkland High School (PA)

UNDERGRADUATE CATEGORY

Sophomore Undergraduate

River Bennett - Arizona State University
Charles E. Goodman - North Carolina State University
Tyler G. Hansen - Utah State University
Madison S. Ratner - University of Tennessee

Undergraduate (Junior/Senior)

Jonathan P. Crozier - North Carolina State University
Meredith B. Eaheart - Virginia Commonwealth University
Thomas H. Folk - North Carolina State University
Emily H. Vu - University of California, Berkeley

Angelo F. Bisesti Memorial Scholarship

Melissa A. Moreno - University of New Mexico

Joseph R. Dietrich Memorial Scholarship

Rachel S. Bruenderman - University of Florida

Raymond DiSalvo Memorial Scholarship

Michael Cartwright - Virginia Commonwealth University

William R. & Mila Kimel Nuclear Engineering Scholarship

Jacob A. Tellez - University of Illinois, Urbana-Champaign

Robert G. Lacy Memorial Scholarship

Ivey B. Wilson - Texas A&M University

John R. Lamarsh Memorial Scholarship

Alyssa L. Hayes - University of Illinois, Urbana-Champaign

Robert T. (Bob) Liner Memorial Scholarship

Matthew Herald - University of Tennessee, Knoxville

Hans P. Loewen Memorial Scholarship

Madison N. Allen - University of Tennessee, Knoxville

Accelerator Applications Division Scholarship

EliseAnne C. Koskelo - Pomona College

Decommissioning and Environmental Sciences Division Undergraduate Scholarship

Coleman R. Curran - University of Tennessee, Knoxville

ANS Joseph Naser HFIC Division

Undergraduate Scholarship

Andy Rivas - University of Florida

Operations and Power Division Scholarship

Joseph D. Lorenzetti - University of Michigan - Ann Arbor

Andrew V. Volkovitskiy - University of Tennessee, Knoxville

Fusion Energy Division Dr. Kenneth R. Schultz Undergraduate Scholarship

Ashley Goluoglu - University of Tennessee, Knoxville

Rudy Stamm'ler Undergraduate Reactor Physics Scholarship

Grace Kim - United States Naval Academy

Charles (Tommy) Thomas Memorial Scholarship

Kalie R. Knecht - University of Tennessee, Knoxville

American Nuclear Society Scholarship Award Recipients

GRADUATE CATEGORY

Andrew Conant - Georgia Institute of Technology
Adam Darr - Purdue University
Kelsey Stadnikia - University of Florida
Fan Zhang - University of Tennessee, Knoxville

Everitt P. Blizard Graduate Scholarship

Samuel J. Cope - North Carolina State University

Robert A. Dannels Memorial Scholarship

Eli A. Sanchez - Massachusetts Institute of Technology

Decommissioning & Environmental Sciences Division Graduate Scholarship

Megan R. Smith - North Carolina State University

Alan F. Henry/Paul A. Greebler Memorial Scholarship

Nina C. Sorrell - North Carolina State University

Saul Levine Memorial Scholarship

Dana L. Wegge - University of Missouri, Columbia

Michael J. Lineberry Graduate Scholarship

Carly J. Romnes - University of New Mexico

Walter Meyer Scholarship for Nuclear Information and Energy Policy

Theresa Mary Green - University of Wisconsin, Madison

Nuclear Criticality Safety Pioneers Scholarship

Shawn J. Henderson - University of New Mexico

Fuel Cycle & Waste Management Division John D. Randall Scholarship

Kathryn A. Mummah - University of Wisconsin, Madison

James F. Schumar Scholarship

Jessica L. Bishop - University of Tennessee, Knoxville

Robert E. Uhrig Graduate Scholarship

Dan C. Floyd - University of Tennessee, Knoxville

Vogt Radiochemistry Scholarship

Robert L. Olsen - Illinois Institute of Technology

NEED SCHOLARSHIP AWARDS

John and Muriel Landis Scholarships

Anshuman Chaube - University of Illinois, Urbana-Champaign

Tanner Jones - University of Michigan

Andrei Rykhlevskii - University of Illinois, Urbana-Champaign

NEED Delayed Education for Women (DEW) Scholarship

Nkiruka M. Menankiti - University of California, Berkeley

COMMUNITY COLLEGE/TRADE SCHOOL SCHOLARSHIP AWARDS

Kent Hamlin Memorial Scholarship

Christopher L. Scott - Midlands Technical College

Sarah Strickler - Virginia Commonwealth University

LOCAL SECTION SCHOLARSHIP AWARDS

Pittsburgh Local Section Graduate Scholarship

William R. Murray - North Carolina State University

Washington, DC Local Section Undergraduate Scholarship

Meredith B. Eaheart - Virginia Commonwealth University

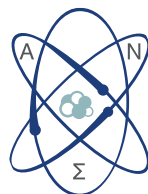
Grace Kim - United States Naval Academy

WASHINGTON INTERNSHIPS FOR STUDENTS OF ENGINEERING (WISE)

Albert Mancilla - Texas A&M University

Erik Olson - Utah State University

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 2018:

Kansas State University- Alpha Nu Sigma

Nathaniel Edwards
Wenkai Fu
Prerona Kundu

Massachusetts Institute of Technology- Alpha Nu Sigma

Christopher Cassidy
Yifeng Che
Steven Jeremiah Collins
Stephen Tsz Tang Lam
David Layden
Lucio Milanese
Amelia Jo Trainer
Ka-Yen Yau

North Carolina State University- Alpha Nu Sigma

Alexander S. Bennett
Lance Bullerwell
Joseph Michael Coale
Benjamin Dacus
Jack Walker Davis
Nathan H. Hart
Chase D. Lawing
Yang Liu
Samantha Michael
John Pashby
Garrett Parker Riggs
Christopher Stephen Sedota
Richard Skowron

Ohio State University- Alpha Nu Sigma

Keith Alan Altman
Lei Pan
Tyler Anthony Redmond
Emily Sandt
Robert James Ziebarth

Pennsylvania State University- Alpha Nu Sigma

Logan Althoff
Jonathan B. Balog
Cody Barrese
Leo G Buffalini
Matthew Durbin
Jake Thorin Eichenlaub
Abdullah Elhawary
Shannon J. Fairchild
Jacob Preston Gorton
Benjamin Karl Harris
Griffin Michael Hartz
Emily Paige Humes
Muhammad I. Khaleb
Evan Klim
Maksat Kuatbek
Austin Kuntz
Cihang Lu
Nicholas Ryan Osmond
Kyle David Reed
Frank Riggio
Kenneth Steenland
Blake Sweeney
Nathaniel Tricarico

Alpha Nu Sigma National Honor Society



Purdue University- Alpha Nu Sigma

Trevor Drouillard
Natalie Houghtalen
Jinpu Lin
Tyler E. Ray
Christian Sweeney
Ke Tang
Eric James Wallace
Guanyi Wang
John Weaver
Clare Elizabeth Wilsbacher

Texas A&M University- Alpha Nu Sigma

Katie M. Cook
Barbara Fisher
Carlos Graybill Justiniano
Takanori Kajihara
Cole M. Mueller
Kevin Savabi
Colby Allen Thordsen
Ivey Brooke Wilson

United States Military Academy, West Point- Alpha Nu Sigma

Jacob Bickus
Reniel Banayag Dela Cruz
Nicholas Donze
Benjamin Goehring
Jake Kahoe
Megan Kinsey
Mitchell Lowe
Maxwell Mueller
Andrew Solomonides
Maximilian Ulbert

United States Naval Academy- Alpha Nu Sigma

Daniel A Johnston
Grace Kim
Andrew McEvoy Lee
Nicholas Alexander Nathan
Eric Richard Reddick
Andrew Reinhart
Jordan Rushing
Alexander R. Tracy

University of Tennessee- Alpha Nu Sigma

Kelsa M. Benensky
Brooke McMurrer
Eric O'Quinn
Abena Agyeiwaa Otchere-Boateng
Andrew Shayotovitch
Andrew V. Volkovitskiy

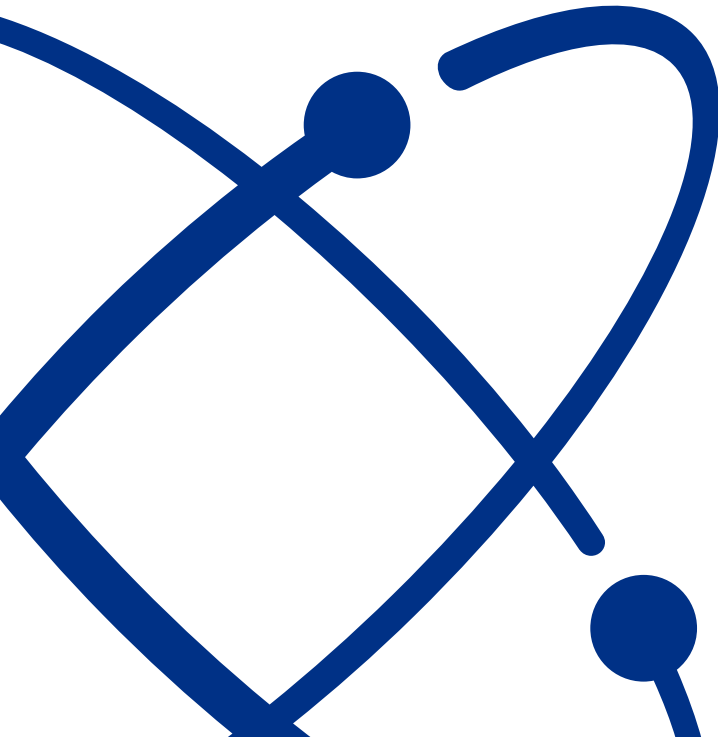


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