

**PROF. YUNLIN XU
RECEIVES PRESTIGIOUS
PAUL C. ZMOLA
SCHOLAR OF NUCLEAR ENGINEERING
AWARD**



NE Assistant Professor, Yunlin Xu has been selected to receive the Paul C. Zmola Scholar of Nuclear Engineering Award. This award was established by Paul C. Zmola (BSME '44, MSME '47, and Ph.D. '50) in 2007 to advance nuclear engineering research at Purdue and recognize an outstanding newly-hired junior faculty member.

Read more: bit.ly/yuscholar



Nuclear Engineering

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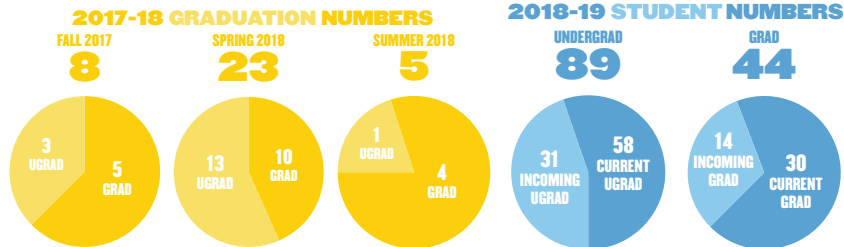
**SCHOOL OF NE TO HOST
WILLIAM
D. MAGWOOD, IV
PURDUE ENGINEERING
DISTINGUISHED LECTURER**

The School of Nuclear Engineering is honored to host William D. Magwood, IV as part of the Purdue Engineering Distinguished Lecture Series. Mr. Magwood is currently the Director-General, OECD Nuclear Energy Agency (NEA) in Billancourt, France. The seminar will be on Thursday, December 6 at 1:30 in the Herman & Heddy Kurz Atrium in Armstrong Hall with a panel discussion to follow at 2:45 pm.



Read more: bit.ly/nuclearedls

**NE
BY THE
NUMBERS**



Legend has it that the unit 'barn' was established in 1942 by physicists M.G. Holloway and C.P. Baker while they were having dinner at the Purdue Memorial Union. They came up with the name because 10^{-24}cm^2 is "as big as a barn" for a nuclear reaction process. Professor Alex Sesonke (School Head, 1966-1973) taught in his class that the term came from the common Midwest expression, "someone was such a bad shot at hunting that they couldn't hit the broad side of a barn," implying that the probability of neutrons passing through nuclei to cause fission is so rare, their aim could be equated to that of bad hunters. Hope you enjoy the news. Boiler up!



PROF. YUNLIN XU JOINS THE NE FACULTY

Dr. Yunlin Xu joins the school after serving as a principal research engineer at Argonne National Laboratory. Dr. Xu's research is in the areas of reactor physics and computer science for a diverse set of applications including nuclear reactor design and safety analysis, advanced nuclear fuel cycles, numerical methods, and homeland security.

Read more: bit.ly/yunlinxu

NE OFFERS INAUGURAL INDUSTRY-SPONSORED SENIOR DESIGN PROJECTS



Obtaining real-world experience outside the classroom is just one factor as to what establishes a well-rounded education and this fall, seniors in the School of Nuclear Engineering will receive exactly that in the inaugural industry-sponsored senior design class. After months of planning, and over 21 different project proposals from a variety of industry partners, 5 projects were selected. Sponsors include Exelon, Niowave Inc., RGA Labs Inc., the U.S. Nuclear Regulatory Commission, and Westinghouse.

Read more: bit.ly/nedrdesign



NE ALUMNA ANNA BIELA TRAVELS TO U.S. DOE AS STUDENT DELEGATE

Anna Biela was one of 16 students from the nation's most prestigious nuclear engineering programs to participate in the Nuclear Engineering Student Delegation (NESD) that took place in Washington D.C. Selected individuals were brought together to discuss a variety of topics involving nuclear energy, policy, and education with key policymakers.

Read more: bit.ly/bielanesd

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SAVE THE DATE

11/12/18

NE ALUMNI & FRIENDS RECEPTION
@ ANS WINTER MEETING