

# NEW ADVISORY BOARD



From left to right: Corey K. McDaniel, Hussein S. Khalil, Thomas A. Mehlhorn, Terry L. Grimm, Jack S. Brenizer (Chair), John S. Gilligan, Timothy K. Hanley, Said I. Abdel-Khalik, Jean-Marc Delhaye, Gerald S. Kulcinski (not shown)

# DREW RYAN RECEIVES PRESTIGIOUS RICKOVER FELLOWSHIP



Drew Ryan, an undergraduate student in the School of Nuclear Engineering at Purdue University, has been awarded a Rickover Fellowship from the Naval Reactors Division of the U.S. Department of Energy (DOE). This opportunity is considered as one of the most prestigious fellowships in the nation, awarded to top students pursuing a Ph.D. degree in nuclear engineering.

Read more: [bit.ly/ryanfellowship](http://bit.ly/ryanfellowship)



## 2017-18 SEMINAR SPEAKERS INCLUDE ALUMNI FROM MEMBERS OF INDUSTRY, NATIONAL LABS, GOVERNMENT, AND ACADEMIA

During the 2017-18 academic year, 11 alumni of the School of Nuclear Engineering who have forged successful careers in the nuclear industry visited campus to talk with students during a weekly seminar series. The list of speakers range from a young alumnus who has landed on the Forbes Top 30 Under 30 to an emergency preparedness specialist with the Office of Nuclear Security and Incident Response, U.S. NRC.

Read more: [bit.ly/201718seminar](http://bit.ly/201718seminar)



## Nuclear Engineering

400 Central Drive  
West Lafayette, IN 47907

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# barn

SCHOOL OF NUCLEAR ENGINEERING CHRONICLES

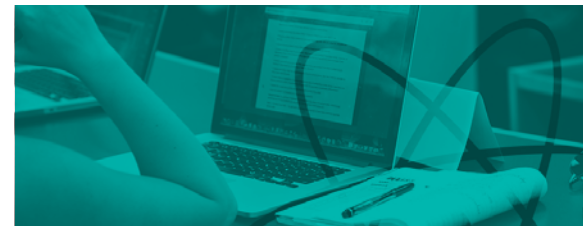
Legend has it that the unit 'barn' was established in 1942 by physicists M.G. Holloway and C.P. Baker while they were having dinner at the Purdue Memorial Union. They came up with the name because  $10^{-24}\text{cm}^2$  is "as big as a barn" for a nuclear reaction process. Professor Alex Sesonske (School 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!



## CONGRATS! CLASS OF 2018

The School of Nuclear Engineering congratulates the newest alumni following the spring 2018 commencement ceremonies held May 11-13. Ten graduate students and thirteen undergraduate students walked the stage of Elliott Hall of Music.

## FIRST ONLINE NUCLEAR ENGINEERING COURSE OFFERING



The Purdue University School of Nuclear Engineering has established its first online nuclear engineering course, NUCL 501! This class, Nuclear Engineering Principles, is a primary course for graduate students desiring a nuclear engineering sequence and an elective for students in science or engineering.

Read more: [bit.ly/nuc1501](http://bit.ly/nuc1501)



## PAUL WATTELET RECEIVES ONE AWARD

For his outstanding accomplishments, visionary leadership, and remarkable contributions to nuclear power engineering, The School of Nuclear Engineering is proud to present 2018 Outstanding Nuclear Engineers Award to Dr. Paul L. Wattelet.

Read more: [bit.ly/ONEaward18](http://bit.ly/ONEaward18)



## PROF. ALLEN GARNER RECEIVES SECOND FUNDING AWARD FROM THE U.S. OFFICE OF NAVAL RESEARCH

NE Assistant Professor, Allen Garner received a second research funding award from the Office of Naval Research for a 3-year project entitled "Novel High Power Microwave System Designs using Nonlinear Transmission Lines" in the amount of \$559,000.

Read more:  
[bit.ly/garneronfund](http://bit.ly/garneronfund)