



Welcome from The Head

Dear Family and Friends of Purdue Nuclear Engineering,

New year greetings from West Lafayette, Indiana! As 2021 Spring semester is underway, we are happy to share this year's 1st issue of barn chronicles with you. It includes many exciting news, such as the addition of two new outstanding faculty, extraordinary achievements by our faculty, and a generous gift from our remarkable alumnus, Dr. Sean Barnett. The Gateway building where our future home will be located is also well underway. Please don't forget to visit our [School website](#) for more news.

Stay in touch and be healthy. Hail Purdue and Boiler up!

Seungjin Kim
 Capt. James F. McCarthy, Jr. and Cheryl E. McCarthy Head
 School of Nuclear Engineering, Purdue University



Protect Purdue Photo Credits: John Underwood

Welcome New Faculty

Stylios Chatzidakis

Stylios Chatzidakis has joined the School of Nuclear Engineering faculty as assistant professor. An alumnus, he earned his PhD in nuclear engineering from Purdue in 2016. Stylios was most recently on the R&D staff at Oak Ridge National Laboratory, where he also was a Weinberg Distinguished Fellow.

His research interests focus on the development of next-generation radiation imaging and nuclear sensing technologies to address challenges associated with nuclear nonproliferation, digital instrumentation and control, advanced reactor monitoring, and the long-term safety and security of the nations' spent nuclear fuel.

[Read more](#)



Yi Xie

Yi Xie has joined the faculty of Nuclear Engineering as an assistant professor in Summer of 2020. Yi received her B.S. in nuclear engineering from the University of Science and Technology in China and her Ph.D. degree in nuclear engineering from The Ohio State University.

Before joining Purdue, she worked as a research scientist at Idaho National Laboratory (INL), where she focused on advanced fuel fabrication, characterization, development and examination. She was the inaugural Glenn T. Seaborg Distinguished Postdoctoral Associate at INL. Before joining INL, she was a postdoctoral associate at Virginia Tech. Her current research interests include corrosion in extreme environments, advanced nuclear fuel, sensor and sensor materials, advanced sintering technology and geological repositories of radioactive waste.

[Read more](#)



Featured Stories

SCALE team win Seed for Success Award

Associate Professor **Allen L. Garner** and his fellow SCALE teammates were recently recognized with a Seed for Success award at the 2020 Excellence in Research awards ceremony. The team was acknowledged for its efforts that resulted in \$20M in funding.

School of Nuclear Engineering Associate Professor Allen L. Garner was recognized Nov. 9 during the 2020 Excellence in Research virtual awards ceremony hosted by Theresa Mayer, Purdue's executive vice president for Research and Partnerships.

[Read more](#)



Purdue academic-government-industry leader honored with NAE's 2020 Arthur M. Bueche Award

The award, given for extraordinary impact on the engineering profession, was presented on Oct. 4, 2020, during the NAE's annual meeting. The award recognizes **Bement** "for contributions to science and technology advancement, international relationships, policy development and academic studies, from executive positions in government, industry and academia."

During his acceptance remarks, Bement reflected, "This award is especially meaningful to me because it is named for a giant in scientific research, technology commercialization and R&D policy, Arthur M. Bueche."

[Read more](#)



Sean Barnett establishes endowment for grad students

Thanks to alumnus **Sean Barnett** (BSNE '85), future graduate students in Purdue's School of Nuclear Engineering will have an added source of financial support.

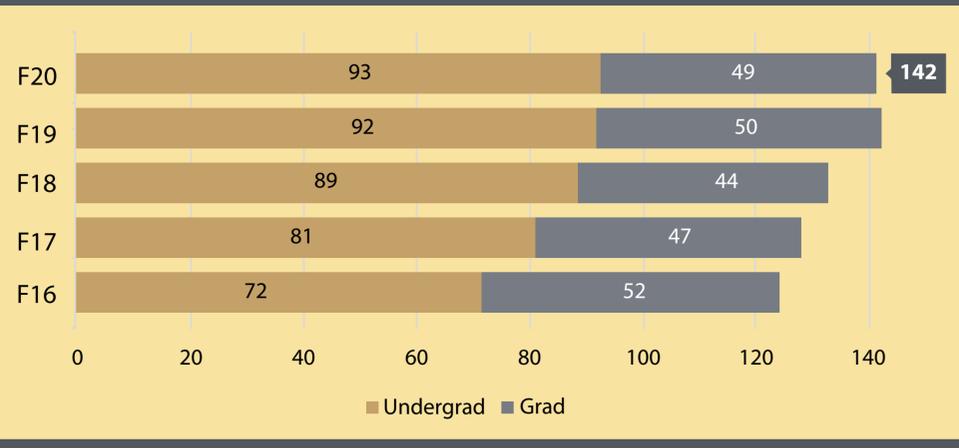
Barnett recently made a deferred estate gift to establish an endowment, named the Dr. D. Sean Barnett Fund for Nuclear Engineering. The fund's primary purpose is to provide support to academically qualified graduate students with preference given to candidates who intend to pursue a career in the public sector (federal, state, local, civilian or military).

He was inspired to designate the gift after learning that there was a particular need for graduate student funding. "I want to provide opportunities for other deserving students to be able to obtain the high quality education at Purdue that I did," Barnett said.

[Read more](#)



Student Enrollment



Purdue Gateway Complex Update

NE's new home will be in Lambertus Hall of Purdue Gateway Complex. The multidisciplinary facility will improve student learning, industry partnerships, virtual labs, and job-ready education. The School of Nuclear Engineering will be on the fifth floor, overlooking Potter, Knoy, and Electrical Engineering.

