



Welcome from The Head

Dear Family and Friends of Purdue Nuclear Engineering,

As we conclude the Spring 2021 semester, I feel so proud of the ways in which our entire NE community has made the best of the altered learning environment necessitated by the pandemic. With multitudes of students, faculty, and staff already getting the vaccine, we are hopeful that the Fall 2021 semester will bring more normalcy.

We are pleased to present this issue of the 'barn chronicle,' which includes the names of all of our School of Nuclear Engineering graduates who will earn degrees during commencement exercises May 15-16. Congratulations to all for achieving an important milestone in your life!

We also are excited to share with you news of our School's inaugural invitation to be a member of the OECD/NEA Global Forum on Nuclear Education, Science, Technology, and Policy's Advisory Group. We are excited to be part of making a global impact on nuclear engineering.

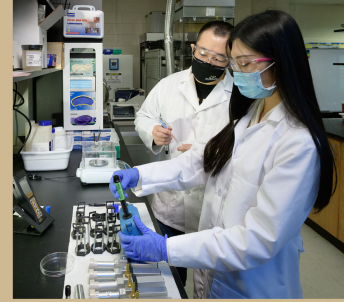
Wishing you a wonderful and safe summer. We look forward to the new opportunities that await in Fall 2021!

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

[Click here to visit the school website](#)



Protect Purdue Photo Credits: John Underwood



EVER GRATEFUL, EVER TRUE
TOGETHER WE WILL PROTECT PURDUE

Congratulations 2021 Graduating Class



Undergraduate

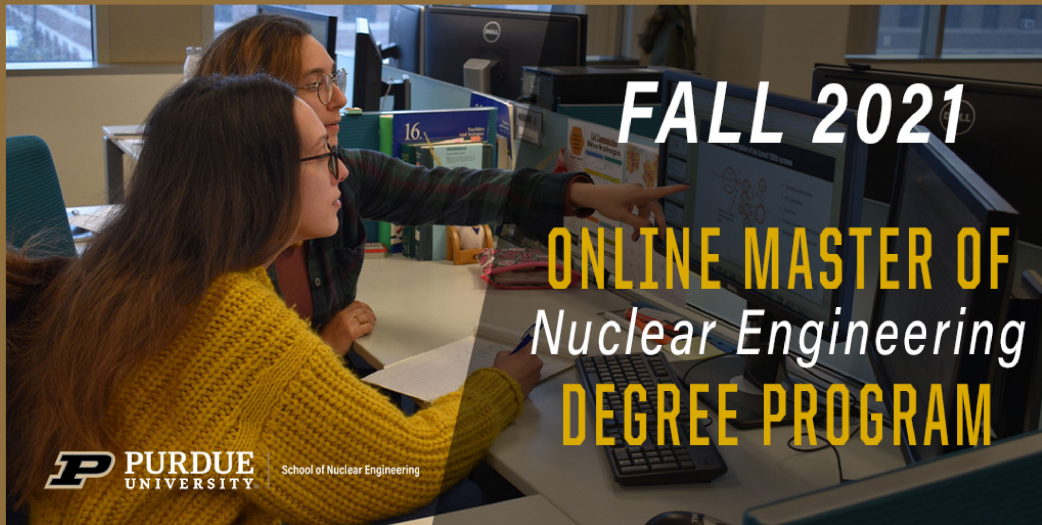
- | | | |
|--------------------|------------------|-------------------|
| Lorin Breen | David Kang | Mark Need |
| Brandon Cervantes | Noah King | Nicholas Noschese |
| Alec Chapman | Alan Kraft | Jonathan Parker |
| Bailey Christensen | Sarah Larson | Nathaniel Real |
| Caleb Darr | Isabelle Lindsay | William Richards |
| Rachel Guieb | Jeremy Mateja | |
| Carter Jaynes | Jacob Minnette | |

Graduate

- | | |
|---------------------------------|--------------------------|
| Andrew Fairbanks
PhD | Anthony Sansone
PhD |
| Akshay Kumar Khandelwal
MSNE | Yamato Sugitatsu
MSNE |
| Yu-Chen Lin
MSNE | Weirong Yuan
PhD |
| True Miller
MSNE | Jia Zhou
PhD |

Featured Stories

Online MNE Now Accepting Applications for Fall 2021



[Click here to read more about Online MNE Program](#)

NE's Kim, Tsoukalas Represent Purdue at NEA Inaugural Meeting

Purdue's School of Nuclear Engineering was invited to be an inaugural member of [the Global Forum on Nuclear Education, Science, Technology and Policy's Advisory Group](#).

This international initiative was formed by the Organization for Economic Co-operation and Development (OECD) Nuclear Energy Agency (NEA) as a platform for cooperation among leading academic institutions around the world involved in nuclear science and technology education, policy development and research.



[Click here to read more about NEA Inaugural Meeting](#)

NE Faculty & Student Develops All-In-One Device for Defense, Medicine

The research led by Dr. Allen Garner, Associate Professor of Nuclear Engineering, and Andrew Fairbanks, NE Ph.D. student may provide a new option to use directed energy for biomedical and defense applications.

The Purdue invention uses composite based nonlinear transmission lines (NLTs) for a complete high-power microwave system, eliminating the need for multiple auxiliary systems. The interest in NLTs has increased in the past few decades because they offer an effective solid-state alternative to conventional vacuum-based, high-power microwave generators that require large and expensive external systems, such as cryogenic electromagnets and high-voltage nanosecond pulse generators.



[Click here to read more about All-In-One Device](#)

Revankar for Special COVID-19 Instructional Award

Shripad Revankar, professor in the School of Nuclear Engineering, has been selected by the Purdue Teaching Academy and Office of Provost as a recipient of the Award for Exceptional Teaching and Instructional Support during the COVID-19 pandemic.

The special award was developed as a way to honor the extraordinary efforts by professors and instructors and the many people who support them. The award recognizes the innovative ways that Purdue faculty, instructors and staff strived to overcome the challenges of the pandemic.



[Click here to read more about Shripad Revankar](#)

Nuclear Engineering Advisory Board

The Nuclear Engineering Advisory Board held its meeting virtually on Tuesday, April 20, 2021. The School of Nuclear Engineering is fortunate to have a group of distinguished members from the nuclear engineering industry, national laboratories, government and academia who offer their time and talents for the betterment of the School.

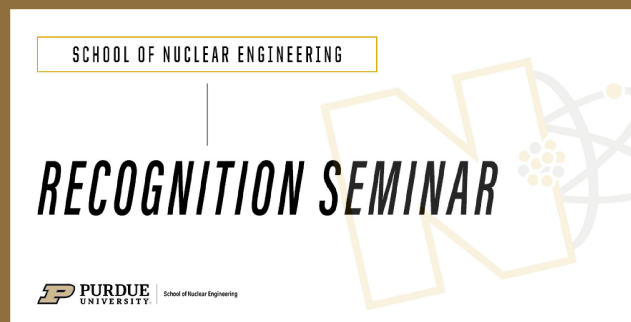


From top left to right: Jack Brenizer (Chair), Seungjin Kim, Terry Grimm, Gerald Kulcinski, Jean-Marc Delhaye, Said Abdel-Khalik, John Gilligan, Tom Mehlhorn, Hussein Khalil, Maria Korsnick, Corey McDaniel and Lenka Kollar (Not pictured: Tim Hanley)

[Click here for bios of all of our members](#)

Spring 2021 Special Recognition Seminar

The School of Nuclear Engineering held its Spring 2021 Special Recognition Seminar on April 29, honoring graduating seniors and graduate students, three faculty members, one staff member, and nine students.



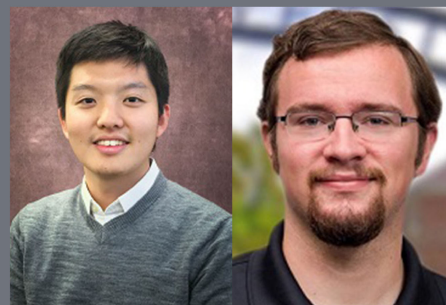
[Click here to read more about Recognition Seminar](#)

Student Achievements

2020-2021 Engineering Graduate Program Awards

Congratulations to **Junghyun Bae** recipient of the Magoon Excellence in Teaching Award given to outstanding teaching assistants and instructors in memory of Estus H. and Vashti L. Magoon, who have influenced the lives of many engineering educators through this award.

Congratulations to **Drew Ryan** recipient of the Outstanding Graduate Service Scholarship for providing outstanding service to the graduate student community, the School, the College, and/or the University.



[Click here to read more about Graduate Program Awards](#)

Cheu for Special COVID-19 TA Award

Darrell Cheu, Graduate Student in the School of Nuclear Engineering, has been selected by the Purdue Teaching Academy and Office of Provost as a recipient of the Award for Graduate Student TAs who are making exceptional efforts to support student learning through innovative and high-quality approaches to teaching during the COVID-19 pandemic.



[Click here to read more about Darrell Cheu](#)

Mortar Board Taps Undergrad Destiny White

The Barbara Cook Chapter of Mortar Board at Purdue University recently tapped 42 rising seniors in the Class of 2022. Among them is **Destiny White**, a junior in the School of Nuclear Engineering.

Those selected for this prestigious organization exemplify Mortar Board's pillars of scholarship, leadership and service. Throughout the next year, they will work to create innovative programming for the benefit of the University and its students.

"My tapping was a complete surprise, thanks to my wonderful friend and fellow Mortar Board member Nicole Clapp. We are on the same committee with Purdue Foundation Student Board (PFSB), so she framed my tapping like we were having a one-on-one meeting to go over some business for the committee," White said.



[Click here to read more about Destiny White](#)

Purdue Gateway Complex Update

NE's new home will be in Dudley and Lambertus Hall. 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.



Connect With Us!

