

Department of Chemical Engineering

NEWS



PennState
College of Engineering

September/October 2020



Penn State engineering associate dean inducted as AIMBE fellow

Tonya L. Peebles, associate dean for equity and inclusion and professor of chemical engineering, honored for her contributions to biochemical engineering

Latest Faculty News

Four new faculty members join Department of Chemical Engineering

The Department of Chemical Engineering welcomes Rui Shi, Konstantinos Alexopoulos, Bert Chandler, and Lauren Greenlee. [>>](#)



Chemical engineering department head receives environmental award

The American Institute of Chemical Engineers Environmental Division has awarded the 2020 Lawrence K. Cecil Award to Phillip Savage, head of the Department of Chemical Engineering and Walter L. Robb Family Endowed Chair. [>>](#)



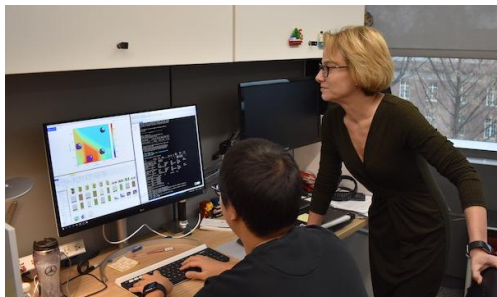
Chemical engineering professor receives educator award

The American Institute of Chemical Engineers has named Andrew Zydney, Penn State Bayard D. Kunkle Chair, professor of chemical engineering and director of the Center of Excellence in Industrial Biotechnology, as their 2020 recipient of the Warren K. Lewis Award for Chemical Engineering Education. [>>](#)



Chemical engineering professor awarded Langmuir Lectureship

The American Chemistry Society Colloid & Surface Division recently awarded the 2020 Langmuir Lectureship to Kristen Fichthorn, Penn State Merrell Fenske Professor of Chemical Engineering and professor of physics. [>>](#)



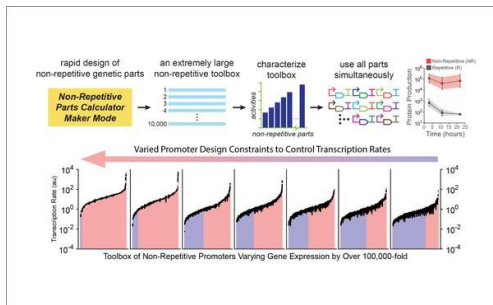
Chemical engineering professor receives 2020 International Metabolic Engineering Award

The International Metabolic Engineering Society has recognized Costas D. Maranas, the Donald B. Broughton Professor of Chemical Engineering, with the 2020 International Metabolic Engineering Award. [>>](#)



Researchers offer solution for one of synthetic biology's biggest problems

A team of Penn State and University of Washington researchers, led by Howard Salis, Penn State associate professor of biological engineering and chemical engineering, recently developed a new algorithm to help prevent the failure of engineered genetic systems. [>>](#)



Chemical engineering lab part of new AI-based Molecular Maker Lab Institute

A multi-institute team was awarded a five-year, \$20 million grant from the National Science Foundation (NSF) for the NSF Artificial Intelligence Institute for Molecular Discovery, Synthetic Strategy and Manufacturing (Molecule Maker Lab Institute or MMLI). [>>](#)



Latest Student News

A path to a meaningful chemical engineering career by way of Iceland

For Kayley Waltz, a Penn State rising senior in chemical engineering, a trip to Iceland in early spring 2019 was less about a spring break vacation and more about a big step toward a career goal of making an impact via developing new forms of renewable energy. [>>](#)



Engineering student researches antibiotic removal method for water supply

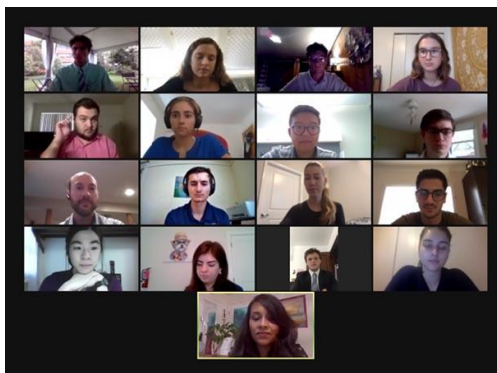
Penn State Schreyer Honors College Scholar David Kennedy, a rising senior in chemical engineering and chemistry, received an Erickson Discovery Grant to work on a growing problem: rising drug resistance potentially due to increasing amounts of antibiotics found in the water supply.

[>>](#)



Students engage with chemical engineering alumni at Bristol Myers Squibb

The Society of Industrial Biotechnology, a diverse group of Penn State undergraduate students who are interested in biotechnology, networked with professionals from Bristol Myers Squibb, one of the world's leaders in innovative medicine. [>>](#)



Latest Alumni News

Chemical engineering selects 2020 Early Career Alumni award winner

Alumnus Rajib Saha, an assistant professor of chemical and biomolecular engineering at the University of Nebraska-Lincoln (UNL) and Penn State chemical engineering alumnus, has received the 2020 Early Career Alumni Recognition Award from the Penn State Department of Chemical Engineering. [>>](#)



Alumni spotlight: Ratul Chowdhury

After receiving his bachelor's degree in chemical engineering at Jadavpur University in Kolkata, India, Ratul Chowdhury came to Penn State in 2013 as a doctoral student in chemical engineering. Chowdhury talks about how his Penn State experience prepared him for the next step in his career as a postdoctoral researcher at Harvard University. [>>](#)



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Penn State Department of Chemical Engineering, 121 Chemical and Biomedical
Engineering Building, University Park, PA 16802

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