

Spring is here!

What is spring?

The season between winter and summer

A twisted or coiled piece of metal that returns to its original shape when it is pressed down or stretched

The ability of something to return to its original shape when it is pressed down, stretched, twisted, etc.

A source of underground water.

Whatever it is, it is here again.

We have the normal meetings planned on the second Tuesday of each month (Snuffies in Scotch Plains or Rolf's in Warren, NJ) with our executive committee meeting on the first Tuesday at Paisanos at Watchung Square Mall.

As usual we are looking for volunteers to help run the section. Please contact any officer or just show up at Paisanos. The New Year will see more joint meetings with North Jersey.

Reservations can be made by phone to 908-604-2670.

2016 Section Officers

Chairperson:

Jacqueline Sibbles

Chair-Elect:

Howard Stamato

Treasurer:

Patricia Forgang

Secretary:

Andrew Soos

Past Chair:

Chandra Nair

Directors:

Phil Messina

Laura Turci

Ken Carlson

David Greene

Yasha Zelmanovich

Rich Sarnie

Director Emeritus:

Frank Dittman



Rutgers Student Awards

We had a number of awards and a fine group of panelists.

Erin Dippold, Leader-Scholar Award (Senior)

Erin is President of Omega-Chi-Epsilon (OXE), a chemical engineering honors society at Rutgers University. Erin has been a dedicated student leader in service to her community since joining the department as a sophomore. Early on she helped spearhead recruitment efforts for the nascent Research Scholars Academy. She later devoted her efforts to OXE, which has been operating smoothly under her capable leadership as President.

Nicholas Townsend Haas, Leader-Researcher-Scholar Award (Junior)

Nicholas is Internal Vice-President of the Rutgers chapter of AIChE and had served as the chapter's secretary. He is a dedicated leader who spearheaded the tutoring program that has benefited many students. He has also made significant contributions to outreach and recruiting activities among high school students. In Professor Ierapetritou's group, Nicholas conducts research in Developing Advanced Model for Predictive Feedforward/Feedback Control of a Tablet Press." He won 3rd Place in Undergraduate Poster Competition at the AIChE 2016 Annual Student Conference, San Francisco.

Philip Whong, Leader-Scholar Award (Junior)

Philip is External Vice-President of the Rutgers chapter of AIChE and Chem-E-Car Captain. He is an enthusiastic leader who organized alumni events and industrial company tours, and develop collaboration with other engineering organizations. As Captain of Chem-E-Car, he manages a multi-disciplinary team of students to create a chemically powered car. Through his leadership, the team has been recognized as a club by the Engineering Governing Council. He has also contributed to numerous outreach and recruiting activities, developing and leading the very popular 'baking soda and vinegar Rutgers rocket car project' to help explain chemical engineering to students ranging from middle schoolers to college freshmen. His enthusiasm for chemical engineering contributes significantly to the esprit de corps of the undergraduate program.

Rachel Yang, Leader-Researcher-Scholar Award (Junior)

Rachel is an accomplished leader and researcher. She leads the Rutgers chapter of AIChE as President and served as Research Connections Committee Chair of the AIChE (2015-2016). She is a dedicated leader who led by example and motivated others to serve the student body. She was a Rutgers University Presidential Scholar (2014-2016), and was a winner of Rutgers 2016 Academic Excellence Award. In her research in the Celik Catalysis Group, she conducted research in synthesis of high pressure high temperature annealed TiO₂ for photocatalytic production of sustainable fuels. She won 2nd Place in Undergraduate Poster Competition at the AIChE 2016 Annual Student Conference, San Francisco.



The Group



Erin Dippold



Nicholas Townsend Haas



Phillip Whong



Rachel Yang



THE PANELISTS



Current Conferences and Meetings at National

April 7-8, 2017

Illinois Institute of Technology

Conference Highlights include Regional Chem-E-Car Competition, Regional ChemE Jeopardy Competition and Regional Student Paper and Poster Competitions. Conference Website

2017 Western Student Regional Conference

April 14-16, 2017

University of California, San Diego

Conference Highlights include Regional Chem-E-Car Competition, Regional ChemE Jeopardy Competition and Regional Student Paper and Poster Competitions. Conference Website

017 Pacific Northwest Student Regional Conference

April 21-22, 2017

Oregon State University

Conference Highlights include Regional Chem-E-Car Competition, Regional ChemE Jeopardy Competition and Regional Student Paper and Poster Competitions. Conference Website

2017 Process Development Symposium

June 6-8, 2017

Hyatt Regency Toronto, Toronto, Canada

The 2017 Process Development Symposium is a place to exchange wisdom, knowledge, tips, and personal experiences in the development and scale-up of chemical and related processes. This symposium, planned jointly between AIChE and its Process Development Division and Fuels & Petrochemicals..

Important Links

Webpage: <https://njaiche.org/>

Facebook: <https://www.facebook.com/njaiche.engineers/>



JOKES!!!!?

One my father told me -

An old country gentleman sent his son off to engineering school. Four years later, upon his son's return, he asked him what he had learned at college. The son replied "Pi r square." The dad exclaimed "You didn't learn nothin boy, pie are round, cornbread's square!"

What is said	What it means
A number of different approaches are being tried.	We don't know where we're going, but we're moving.
An extensive report is being prepared on a fresh approach to the problem.	We just hired three guys. We'll let them kick it around for a while.
Developed after years of intensive research.	It was discovered by accident.
Modifications are underway to correct certain minor difficulties.	We threw the whole thing out and are starting from scratch.
Preliminary operational tests were inconclusive.	The darn thing blew up when we threw the switch.
Test results were extremely gratifying.	It works and, boy, are we surprised!
The design will be finalised in the next reporting period.	We haven't started this job yet, but we've got to say something.
The entire concept is unworkable.	The only guy who understood the thing just quit.
We need close project coordination.	We should have asked someone else. <i>Alternate:</i> Let's spread the responsibility for this.

Engineering is all about laziness in the name of better life.

A young damsel was asked why she would not marry either of her engineer or lawyer boyfriends. She replied 'the engineers make advances and add no detail, the lawyers argue details and make no advance'.

An engineer is someone who uses a slide rule to multiply two by two; gets an answer of 3.99 and calls it 4 to the nearest significant figure.