

NJAIChE was proud to partner with Rutgers University to honor the following outstanding students at our joint meeting on March 24, 2016

2016 AIChE AWARDS

Juniors

Ajay Kashi, *Research Scholar Award*

Ajay has been in the Dismukes lab since the summer of 2014 when he joined as part of the Aresty Summer Intern program. His junior research has been conducted in electrochemical water splitting and in solar fuels synthesis. His initial work on hydrogen evolution catalysts contributed to the discovery that current electrode fabrication methods were the bottleneck to achieving higher activity catalysts. This steered him into his own sub-project — developing 3D-engineered nickel phosphides hydrogen evolution electrodes. Ajay has presented his work at three scientific meetings, including the Aresty poster session in 2014 and 2015, the LSM symposium at Rutgers in 2015, and the American Institute of Chemical Engineers National Student Conference in November 2015. In recognition of his contributions, he has received the Aresty Student Fellowship twice, as well as the REI summer intern scholarship. His scientific presentation skills were recognized with the 3rd place CBE Department of Undergraduate Research Day poster award and with the 1st place AIChE National Conference student poster award. In addition to his scientific engagement, he spent his winter break in Africa with Engineers Without Borders on the Kolunje, Kenya Water Supply Project working towards clean water for the local population.

Christian Tabedzki, *Leadership Scholar Award*

Christian is a junior student not only with excellent academic record (GPA of 4.0) but also with other activities, such as industrial work at Colgate and service as a Treasurer of Engineering Governing Council. He also served as a captain for Chem-E-Car Club. Christian has also worked in the Hara research group for one and a half years, developing new inorganic polymers. Thus, he is a well-rounded Chemical Engineering student.

Seniors

Katelyn Dagnall, *Leadership & Research Scholar Award*

Katelyn is an accomplished researcher and leader. She led the Rutgers chapter of AIChE as President and Vice President, organizing several new and successful annual events, such as the Networking Mixer, Support the Seniors Coffee Break, Pie a Professor, and the Holiday Party. In her research in the Celik Catalysis Group, she has synthesized and characterized semiconductor photocatalysis for biomass reforming, and presented her results at the national AIChE meeting and her senior thesis will be the basis for a peer-reviewed paper.

Charles Foster, *Leadership & Research Scholar Award*

Charles is a dedicated student leader, taking on leadership roles in the chemical engineering societies. Charles served on the executive boards of Omega Chi