

Undergraduate Awards and Competitions

American Institute of Chemical Engineers National Awards

<http://www.aiche.org/community/awards/student-awards-competitions>

Outstanding Freshman Award Awarded annually to the most active first-year student in the student AIChE chapter

Donald F. Othmer Sophomore Academic Excellence Award Awarded for best cumulative GPA after the sophomore year

AIChE Minority Scholarship Award for College Students Nominations made by the Student Chapter Advisor.

Donald F. & Mildred Topp Othmer Scholarship Award presented on the basis of academic achievement and involvement in student chapter activities. Nominations made by the Student Chapter Advisor.

John J. McKetta Undergraduate Scholarship Award awarded to a chemical engineering undergraduate student (incoming junior or senior only), planning a career in the chemical engineering process industries. Nominations made by the Student Chapter Advisor.

American Institute of Chemical Engineers New Jersey Section Awards

NJ AIChE Researcher-Scholar Award, One Senior and one Junior

NJ AIChE Leader-Scholar Award, One Senior and one Junior

Scholarships and Fellowships

Dittman/Lebo Chemical and Biochemical Engineering Scholarship

School of Engineering Alumni-Industry Scholar

New Jersey Space Grant Consortium Academic Year and Summer Fellowships

Aresty Undergraduate Research Fellowship

Recognitions for Academic Achievement

Engineering Society of Rutgers Alumni Association present the **Outstanding Engineering Scholar** at SOE Convocation for best GPA in each department

Dean's List

Seniors – term average of 3.5 or better

Juniors – term average of 3.4 or better

Sophomores – term average of 3.3 or better

First-year students – term average of 3.2 or better

Graduation Honors

Highest Honors (summa cum laude) – cumulative average of 3.650 or better

High Honors (magna cum laude) – cumulative average of 3.400 or better

Honors (cum laude) – cumulative average of 3.200 or better

Project and Essay Competitions

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AIChE Regional and National ChemE Car Competitions ChemE car teams compete at the regional conference to qualify for the 2014 National Conference ChemE Car Competition.

AIChE Regional and National ChemE Car Poster Competitions

SBE ChemE Car Award Award for the Best Use of a Biological Reaction to Power a Car during the ChemE Car competition

AIChE Regional and National ChemE Jeopardy Competitions Chemical engineering trivia; teams qualify regionally to compete at the National Conference.

AIChE Student Design Competitions Team and Individual categories, Each year, chemical engineers from a designated company devise and judge a student contest problem that typifies a real, working, chemical engineering design situation. The problem's solution requires a wide range of skills in calculation and evaluation of both technical data and economic factors.

AIChE ScaleUp Sponsor Essay Contest Travel Award ScaleUp Sponsors Essay Contest Travel Award for the Annual Student Conference

AIChE Global Undergraduate Student Video Competition Student chapter teams will have a chance to create a 2-5 minute video that explains and inspires high school students and communities to learn more about chemical engineers and what they do

AIChE Mobile Device App Competition Undergraduate student teams will create an APP for a mobile device. This APP must be deemed to be useful for an AIChE member

Research Poster and Paper Competitions

AIChE National Student Poster and Paper Competitions Students present a paper to a panel of judges; 1st place paper can compete at the National Conference.

Mid-Atlantic Regional AIChE Research Poster and Paper Competitions

ISPE Student Poster Competition

Chemical and Biochemical Engineering Undergraduate Research Day Poster Competition

Travel Grant Awards

AICHE Travel Grant Award

Aresty Conference Funding Awards

New Jersey Space Grant Consortium Student Travel Support Grant

Research Positions and Research Career Preparation

NSF Research Experience for Undergraduates

Aresty Center Research Assistant and Summer Science programs

Douglass Project Super

McNair Scholars Program

NSF Louis Stokes Alliance for Minority Participation

Honors Academies and Honors Curricula

Rutgers Honors College

School of Engineering Honors Academy

Chemical and Biochemical Engineering Honors Academy

James J. Slade Scholar program and Honors Senior Thesis

Honors Societies

Sigma Xi, The Scientific Research Society

Omega Chi Epsilon, Chemical Engineering Honor Society

Tau Beta Pi, Engineering Honor Society