

The Purdue Project SEED Program 2015

Student/Project

Ashdyne Bailey

Lafayette Jefferson High School '16

Purification and Solubility Testing of Elastin-like Proteins for Surgical Adhesives

Ashton Bitters

William Henry Harrison High School '16

Synthesis and Characterization of PNP Pincer Iron(II) Complexes

Veronica Bowling

Lafayette Jefferson High School '17

Synthesis and Characterization of Polypyrrole Nanoparticles

Hannah Burnau

West Lafayette Junior/Senior High School '17

Design and Analysis of an Open-source Slip-peel Tester for Determining Contact Sampling Efficiency

Katie Mao

West Lafayette Junior/Senior High School '16

Density Functional Theory of Coverage Dependent Scaling Relationship

Anahi Rostro

Warren High School '16

Controlled Tin Incorporation into Beta Zeolites using Alkaline-assisted Stannation

Hayden Storm Jackson Smith

Lafayette Jefferson High School '18

Ab Initio Modelling of Functionalized Carbon Nanotubes for Catalytic Applications

Preceptors

Julie Liu, PhD

*School of Chemical Engineering,
Purdue University*

Suzanne Bart, PhD

*Department of Chemistry,
Purdue University*

Bryan Boudouris, PhD

*School of Chemical Engineering,
Purdue University*

Stephen Beaudoin, PhD

*School of Chemical Engineering,
Purdue University*

Jeffrey Greeley, PhD

*School of Chemical Engineering,
Purdue University*

Rajamani Gounder, PhD

*School of Chemical Engineering,
Purdue University*

Jeffrey Greeley, PhD

*School of Chemical Engineering,
Purdue University*

Other Mentors

Sydney Hollingshead

Graduate Student

Sara Johnson

Graduate Student

Jennifer Laster

Graduate Student

Melissa Sweat

Graduate Student

Paulami Majumdar

Graduate Student

Juan Carlos Vega-Villa

Graduate Student

Robert Warburton

Brandon Bukowski

Graduate Students