

University of Rochester

Timothy Baker, class of '17 at Rowan University, worked with Prof. Kevin McFarland and the MINERvA testbeam group on electron showering analyses in MINERvA's testbeam detector. He plans on applying to graduate school for either physics or computer science.

Brittany Berry, class of '17 at Xavier University (OH), worked with Prof. Duncan Moore and his group on experimentally determining how an optical flat sample with a wedge of 0.033° located off center in the Sagnac cavity affected the index of refraction measured. She plans to apply to graduate school for optics/physics.

Madison Brown, class of '18 at Baker University, worked with Prof. James McGrath

Gavriel Kleinwaks, class of '18 at Haverford College, worked with the optics research group of Prof. N. Bigelow building and testing circuits to control a shutter to block a laser beam for optically pumping molecules and testing a diode laser. She plans to apply to graduate school.

Tyler Heintz, class of '18 at Westminster College, recalibrated gyrochronology curves with recent cluster data with Prof. Eric Mamajek.

Genevieve Schroeder, class of '18 at University of Rochester, worked with Fiona Nichols-Fleming to instruct the Pre-College Experience in Physics (PREP) program: a summer physics program aimed towards high school females, directed by Prof. Steven Manly. She plans on applying to graduate school in astrophysics.

Edmund Witkowski, class of '17 at The College of New Jersey, worked with Prof. Regina Demina and Sergey Korjenevski on the research and development phase of new silicon detectors for use in the Compact Muon Solenoid experiment at the Large Hadron Collider at CERN. He plans to apply to graduate school for physics.

Paul Wrona, class of '17 at University of Rochester, worked with Prof. Lewis Rothberg on simulating the effects of morphology on conjugated polymer photophysics. He plans on applying to graduate school for chemical physics.

Jack Wurzer, class of '19 at the University of Notre Dame, studied the use of dielectrophoresis as an anti-fouling strategy for nanoporous silicon membranes with Prof. Hitomi Mukaibo. He plans to apply to graduate school for chemical engineering.

Cameron Ziegler, class of '18 at SUNY Geneseo, worked with Prof. Segev BenZvi on improving the supernova event significance calculation in IceCube. He plans on applying to graduate school in physics or mathematics.