University of Rochester
Summer 2022 undergraduate research in Physics, Optics and Astronomy

Thomas Ahrens, class of '

Lily McKenna, class of '23 at Rochester Institute of Technology, studied absorption spectroscopy of rubidium atoms to be used in a Magneto-Optical Trap with Prof. Nicholas Bigelow. She plans to apply to graduate school for imaging science.

Pete Miller, class of '23 at Rochester Institute of Technology, investigated production paths of heavy-ion fusion production of indium-111 with Dr. Sheth Nyibule. He plans to apply to graduate school for computational biophysics.

Hayley Nofi class of '23 at Villanova University calibrated the DESI Tully-Fisher relation at 0.4R26 for Y1 data of the DESI Peculiar Velocity Survey. She plans to apply to graduate school for astrophysics.

Nathan Skerrett, class of '24 at the University of Rochester, studied strategies for pattern formation control with unique boundaries with Prof. Alice Quillen.

Samantha Sunnarborg, class of '23 at Minnesota State University, Mankato, studied recombination effects in the ICARUS Lar TPC neutrino detector with Prof. Chris Marshall. She plans to apply to graduate school in particle physics.

Elias Veilleux, class of '23 at Bates College, studied the creation of optical frequency combs (OFCs) at Gigahertz repetition rates and picosecond