

The School of Natural Sciences
Presents
Undergraduate Physics Research Symposium
Graduating seniors from the physics program

Friday, May 8th, 2026
10:40AM – 12:00PM

Granite Pass 135 and remotely via

<https://ucmerced.zoom.us/j/82136215182?pwd=bXdIK3Y5OStBdmJUbnFkbG4zUIQ3QT09&from=addon>

10:40 AM

Nonlinear Optics in Periodically Poled Materials

Joshua Cline, Jay Sharping

10:53 AM

Photon Statistics in the Detection of Entangled Photon Pairs

Adam Wann, Jay Sharping

11:06 AM

Light Curve Modeling of the Hydrogen Rich Supernova SN 2025tis

David Rios, Azalee Bostroem, Sarah Loebman

11:19 AM

Ferromagnetic Resonance and Coupling of YIG in a Microwave Cavity

Nate Rosoff, Jay Sharping, Jonah Beurkens

11:32 AM

How Adding Fixed Pinning Sites Changes Granular Shear Flow

Usman Mirza, Brian Utter

All times are approximate

For additional info contact Prof. Brian Utter brianutter@ucmerced.edu