



The  
**SOCIETY of SPS**  
**PHYSICS STUDENTS**

**Undergraduate Research Presentations**  
(supported by USRA 2024 awards):

**“Analyzing Polymer-Grafted Gold Nanorods using  
Depolarized Dynamic Light Scattering (DDLS)”**,

**Patrick Barrett**

**“Characterizing the Dielectric Properties of Biomolecules  
through Molecular Dynamics Simulations”**,

**Colin Lathwell**

**“Effects of Windshear on TKE Distributions Around  
Cumulus Clouds”**,

**Jacob Forester**

**Tuesday, September 17, 2024**

**11:30 am, SI 151**