**Idaho State University
Physics Colloquium**

**From Protoplanetary Disks to Exoplanets: Planets from Infancy to Maturity**

Dr. Hannah Jang-Condell
University of Wyoming

Exoplanets have been discovered in orbits as close as 0.05 AU, and as distant as hundreds of AU. Hence, exoplanets are a hot topic, and they are also pretty cool. Because these systems are so different from our own Solar System, they challenge conventional ideas of how planets form. I will discuss what we can learn about planet formation both by examining the distribution of mature exoplanets as well as by directly studying infant planets in protoplanetary disks. I will also discuss ongoing projects using the University of Wyoming's telescope facilities to observe and characterize exoplanets.

**Monday, January 25 2021**
**Via Zoom(**[**https://isu.zoom.us/j/84746625588**](https://isu.zoom.us/j/84746625588)**)
4:00 – 4:50 pm**