

# NEBRASKA PHYSICS & ASTRONOMY SUMMIT

This conference is dedicated to providing a variety of professional development opportunities in astronomy and physics education for secondary science teachers across the state of Nebraska. A theme of this event is the use of instructional technology to improve our teaching of astronomy and physics. The conference begins with a **keynote**, an **exhibition hall**, and your choice of **four breakout sessions**. After lunch, the **second keynote** and **longer workshop sessions** close out the day.

## FEATURING:

- Kirill Belachenko and Michael Sibbersen, “Experiences in Flipping”
- Brian Couch, “Online Homework: Access and Barriers”
- Steve Ducharme, “Teaching Physics in a Biomedical Context”
- Kate Marley, “Disengaged Students”
- Barney McCoy, “Smartphone Interactions”
- Deepika Menon, “NGSS in Action: Zipline Engineering”
- Derrick Nero, “Applications of High-Altitude Ballooning”
- Emily Petermann and Mike Edmundson, “Earth-Like Planets”
- Mindi Searls, “Climate Change Modeling”
- Manda Williamson, “Cultivating Attention”
- and more!

## REGISTER ONLINE BY OCT. 14

This conference is free and can provide travel support to teachers coming from more than 150 miles one way to Lincoln. Email: [LAUGUSTYN2@UNL.EDU](mailto:LAUGUSTYN2@UNL.EDU)

## PLENARY SPEAKERS



**Dr. Michael Lam**  
Rochester Institute  
of Technology



**Dr. Clint Rowe**  
University of  
Nebraska-Lincoln

## PORTABLE PLANETARIUM

Meet Jack Northrup from Rolling Bluffs Planetarium and visit the Digitalis Show!

<https://scimath.unl.edu/npa-summit>

