

Nebraska Physics & Astronomy Fall Summit
 October 22, 2022
 Jorgensen Hall, UNL City Campus



8:30 am	Registration/Parking				
9:00 am	Opening Welcome (JH 110) June Griffin, UNL College of Arts & Sciences, Associate Dean				
	Presentation: “Simplifying Pulsar Timing Array Science for Students” Michael Lam, Rochester Institute of Technology (JH 110) Zoom: https://unl.zoom.us/j/94016206750				
10:00 am	Continental Breakfast, Hallway Booths, Poster Session, & Socializing				
Smartphone Sims <i>Deepika Menon</i> <i>Manda Williamson</i>	Nano/Quantum Demos <i>Steve Wignall</i>	NMSSI Program <i>Lindsay Augustyn</i>	TBD	Physics Demos <i>Larry Browning</i>	TBD
NASA Space Grant	TBD	Using ISS videos in your Teaching <i>Mike Edmundson</i>	TBD	Conceptual Physics <i>Rebecca Udby</i>	10:30-11:00 Digitalis Show Jack Northrup
Breakout Sessions					
11:00 am	Experiences In Flipping <i>Kirill Belachenko</i> <i>Michael Sibbernsen</i> (JH 151)	Detecting Neutrinos <i>Robert Tabb</i> (JH 145)	Smartphone Interactions <i>Barney McCoy</i> (JH 245)	NGSS in Action: Zipline Engineering <i>Deepika Menon</i> (JH 251)	
11:30 am	Randomization in Web Assessment <i>Francine Mace</i> (JH 249)	Earth-Like Planets <i>Emily Petermann</i> <i>Mike Edmundson</i> (JH 149)	Cultivating Attention <i>Manda Williamson</i> (JH 247)	11:30-12:00 Digitalis Show Jack Northrup	
Noon	Online Homework: Access and Barriers <i>Brian Couch</i> (JH 151)	Teaching Physics in a Biomedical Context <i>Steve Ducharme</i> (JH 145)	Disengaged Students <i>Kate Marley</i> (JH 245)	Applications of High-Altitude Ballooning <i>Derrick Nero</i> (JH 251)	
12:30 pm	Sorting Tasks in HTML5 <i>Chris Siedell</i> <i>Sukaina Al-Hamedi</i> (JH 249)	Lab Activities in IPLS <i>Keith Foreman</i> <i>Joshua Beck</i> (JH 137)	AR Using Hololenses <i>Herman Batelaan</i> (JH 247)	Building Solar Telescopes <i>Larry Browning</i> (JH 149)	
1:00 pm	Lunch Cather Dining Hall Lark Room (2 nd floor)				
2:00 pm	Presentation: “Climate Change Resilience in Nebraska” Clint Rowe, University of Nebraska (JH 110) Zoom: https://unl.zoom.us/j/94016206750				
3:00 pm	Longer Sessions				
	Climate Change Modeling Mindi Searls (JH 151)	Inclusive Science Teaching Elizabeth Lewis & Noyce Master Teaching Fellows (JH 249)		Furthering Computational Goals with Spreadsheets Jennifer Delgado (JH 251)	
4:30 pm	Evaluations, Door Prize Raffle (JH 110, must be present to win), Dismissal				

