

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 Manda Williamson</i>	Nano/Quantum Demos <i>Steve Wignall</i>	NMSSI Program <i>Lindsay Augustyn</i>	Morrill Hall <i>Rachel Scheet</i>	Physics Demos <i>Larry Browning</i>	IceCube <i>Robert Tabb Pawan Giri</i>
NASA Nebraska Space Grant <i>Elizabeth Dunn</i>	N-AAPT <i>TBD</i>	Using ISS videos in your Teaching <i>Mike Edmundson</i>	TBD <i>Todd Leif</i>	Conceptual Physics <i>Rebecca Udby</i>	10:30-11:00 Digitalis Show Jack Northrup
Breakout Sessions					
11:00 am	Experiences In Flipping <i>Kirill Belashchenko Michael Sibbersen (JH 151)</i>	Detecting Neutrinos <i>Pawan Giri Robert Tabb (JH 145)</i>	Smartphone Interactions <i>Barney McCoy (JH 245)</i>	NGSS in Action: Zipline Engineering <i>Deepika Menon (JH 251)</i>	
11:30 am	Randomization in Web Assessment <i>Francine Mace (JH 249)</i>	Earth-Like Planets <i>Emily Petermann Mike Edmundson (JH 149)</i>	Cultivating Attention <i>Manda Williamson (JH 247)</i>	11:30-12:00 Digitalis Show Jack Northrup	
Noon	Online Homework: Access and Barriers <i>Brian Couch (JH 151)</i>	Teaching Physics in a Biomedical Context <i>Steve Ducharme (JH 145)</i>	Disengaged Students <i>Kate Marley (JH 245)</i>	Applications of High-Altitude Ballooning <i>Derrick Nero (JH 251)</i>	
12:30 pm	Sorting Tasks in HTML5 <i>Chris Siedell Sukaina Al-Hamedi (JH 249)</i>	Lab Activities in IPLS <i>Keith Foreman Joshua Beck (JH 137)</i>	AR Using Hololenses <i>Herman Batelaan (JH 247)</i>	Building Solar Telescopes <i>Larry Browning (JH 149)</i>	
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 <i>Mindi Searls Cambelle Johnson (JH 151)</i>	Inclusive Science Teaching <i>Elizabeth Lewis & Noyce Master Teaching Fellows (JH 249)</i>	Furthering Computational Goals with Spreadsheets <i>Jennifer Delgado (JH 251)</i>		
4:30 pm	Evaluations, Door Prize Raffle (JH 110, must be present to win), Dismissal				

