

Nebraska Physics & Astronomy Fall Summit
October 07, 2023
Jorgensen Hall, UNL City Campus



8:30 am	Registration/Parking				
9:00 am	Opening Welcome (JH 110) Katherine Ankersen, UNL Executive Vice Chancellor for Academic Affairs				
	Presentation: “Our Place In Space!: Skynet-based Labs for Undergraduate Students” Daniel Reichart, University of North Carolina at Chapel Hill (JH 110)				
10:00 am	Continental Breakfast, Hallway Booths, Poster Session, & Socializing				
Cengage Publishing <i>Mackenzie Lahmann</i>	Nano Demos <i>Steve Wignall</i> <i>Jody Sangster</i>	Eclipse Tools <i>Evan Rich</i> <i>Shams Hassiki,</i> <i>Alex Michalak</i>	Morrill Hall <i>Rachel Scheet</i>	Physics Demos <i>Larry Browning</i>	Cultivate ACCESS <i>an initiative from</i> <i>Growable, IANR</i> <i>Science Literacy</i> <i>Nia Kaufmann</i>
NASA Nebraska Space Grant <i>Tammy Blobaum</i> <i>Elizabeth Dunn</i>	N-AAPT <i>Tom Brestel</i>	Funsized Physics <i>Shireen Adenwalla</i> <i>Jocelyn Bosley</i> <i>Xiaoshan Xu</i> <i>Taylor Billington</i>	AAPT Physics Photo Contest <i>Todd Leif</i>	Teaching Physics Concepts <i>Rebecca Udby</i>	IceCube <i>Pawan Giri</i> <i>Martin Liu</i>
Smartphone Sims <i>Simone Hill</i> <i>Deepika Menon</i> <i>Manda Williamson</i>	Formative Assessment <i>Sukaina Al-Hamedi</i> <i>Clara Carper</i>	Branched Oak Observatory <i>Michael Sibbersen</i>	UNL Physics <i>Herman Batelaan</i>		
Breakout Sessions					
11:00 am	Teaching Star Motions with Simulations <i>Kent Reinhard</i> (JH 151)	Neutrino Telescopes <i>Robert Tabb</i> <i>Pawan Giri</i> (JH 145)	Modeling Instruction: A Physics Overview <i>Todd Leif</i> (JH 245)	Cheap Physics Demos <i>Adam Davis</i> (JH 251)	
11:30 am	Teaching Star Motions with the Planetarium <i>Todd Young</i> (JH 249)	Teaching Plate Tectonics <i>Mindi Searls</i> (JH 149)	The Psychology of Making Predictions <i>Manda Williamson</i> (JH 247)		
Noon	Spectroscopic Binaries <i>Kevin Lee</i> <i>Evan Rich</i> (JH 151)	Quantum Kits <i>Steve Wignall</i> <i>Jody Sangster</i> (JH 145)	Acceleration of an Atwood Rocket <i>Tom Brestel</i> (JH 245)	Electric Crystal <i>Xiaoshan Xu</i> (JH 251)	
12:30 pm	Labeling Tasks in HTML5 <i>Chris Siedell</i> <i>Clara Carper</i> (JH 249)	Physics for Life Sciences <i>Keith Foreman</i> <i>Joshua Beck</i> (JH 111)	Building Solar Telescopes <i>Larry Browning</i> (JH 247)		
1:00 pm	Lunch Cather Dining Hall Lark Room (2 nd floor)				
2:00 pm	Presentation: “Repurposing Nebraska’s Cold War Infrastructure for Warm War Climate Science” David Harwood, University of Nebraska (JH 110)				
3:00 pm	Longer Sessions				
	Modeling Instruction: An Example from Astronomy <i>Ethan Van Winkle, Emma Schneider</i> (JH 151)	Putting Skynet to Work for You! Daniel Reichart (JH 249)		Augmented Reality <i>Herman Batelaan</i> <i>Kees Uiterwaal</i> (JH 247)	
4:30 pm	Evaluations, Door Prize Raffle (JH 110, must be present to win), Dismissal				

