

Nebraska Physics & Astronomy Fall Summit
October 16, 2021
Jorgensen Hall, UNL City Campus



Hallway Booths (available all day, staffed for some of the day)	NASA Space Grant <i>Tammy Blobaum</i>	Pearson Publishing <i>Erin Ratliff</i>	MacMillan Publishing <i>Jeff Skillman</i>	Easy-to-Make Demos <i>Cliff Bettis</i>
		N-AAPT <i>Tom Brestel</i>	Astro Graphics <i>Misty Cao</i>	Nano Kits <i>Steve Wignall</i>
8:30 – 9 am	Registration			
9 – 9:10 am	Opening Welcome (JH 110) Jim Lewis, Director, Center for Science, Mathematics & Computer Education, UNL			
9:10 – 10:10 am	Presentation: “Exoplanet Science with the James Webb Space Telescope” Yoni Brande, University of Kansas (JH 110) Zoom: https://unl.zoom.us/j/98700686440 Password: Summit2021			
10:10–10:25 am	Updates on Local Projects and Business Items (JH 110)			
	Breakout Sessions			
10:30 – 11:00 am	NMSSI Panel <i>Jim Lewis & panelists Tammy Blobaum David Harwood Emily Petermann (JH 249)</i>	SHM and the Moons of Jupiter <i>Ethan Van Winkle (JH 245)</i>	Schlieren Imaging in the Classroom <i>Tom Brestel (JH 151)</i>	Getting JWST in Place <i>Rebecca Harbison Kevin Lee (JH 145)</i>
11:00 – 11:30 am		Strange New Planet! <i>Michael Edmundson (JH 247)</i>	iOLab <i>Patricia Soto Becerra Jeff Skillman (JH 251)</i>	Comparing HST and JWST <i>Kent Reinhard (JH 149)</i>
11:30 am – Noon	Big Astronomy: People, Places, Discoveries <i>Marina Bush (JH 110)</i>	Building and Testing Rockets <i>Deepika Menon (JH 145)</i>	Teaching Quantum Mechanics Quickly <i>Steve Wignall (JH 151)</i>	JWST and the Early Universe <i>Adam Davis (JH 245)</i>
Noon – 12:30 pm			Chegg and Academic Honesty <i>Keith Foreman (JH 249)</i>	The Physics of IceCube <i>Robert Tabb (JH 149)</i>
12:30 – 1:30 pm	Lunch Cather Dining Hall Lark Room (2 nd floor)			
1:30 – 2:25 pm	Presentation: “Harnessing the Power of the Cloud to make Teaching Better and More Efficient” Matt Vonk, University of Wisconsin-River Falls (JH 110) Chief Science Officer, Pivot Interactives SBC Zoom: https://unl.zoom.us/j/98700686440 Password: Summit2021			
	Longer Sessions			
2:30 – 4 pm	A Practical Approach to Active Learning Matt Vonk (JH 151)	Using Smartphones in the Astronomy Classroom Kevin Lee, Chris Siedell & Emily Welch (JH 249)	Physics & Art Robert Streubel (JH 251)	
4:00m – 4:30 pm	Evaluations, Door Prize Raffle (JH 110, must be present to win), Dismissal			
4:30 pm	N-AAPT Business Meeting (JH 145)			

