

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>	N-AAPT <i>Tom Brestel</i>	Pearson Publishing <i>Erin Ratliff</i>	Nano Kits <i>Steve Wignall</i>	Easy-to-Make Demos <i>Cliff Bettis</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)			
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</i> <i>Emily Peterman</i> <i>Tammy Blobaum</i> (JH 249)	SHM and the Moons of Jupiter <i>Ethan Van Winkle</i> (JH 245)	Schlieren Imaging in the Classroom <i>Tom Brestel</i> (JH 151)	Comparing HST and JWST <i>Kent Reinhard</i> (JH 145)
11:00 – 11:30 am		Strange New Planet! <i>Michael Edmundson</i> (JH 247)	Working with Big Data <i>Todd Leif</i> (JH 251)	JWST and Forming Planetary Systems <i>Rebecca Harbison</i> (JH 149)
11:30 am – Noon	Big Astronomy: People, Places, Discoveries <i>Marina Bush</i> (JH 110)	Building and Testing Rockets <i>Deepika Menon</i> (JH 145)	Teaching Quantum Mechanics Quickly <i>Steve Wignall</i> (JH 151)	JWST and the Early Universe <i>Adam Davis</i> (JH 245)
Noon – 12:30 pm			Chegg and Academic Honesty <i>Keith Foreman</i> (JH 249)	The Physics of IceCube <i>Robert Tabb</i> (JH 149)
12:30 – 1:30 pm	Lunch New Lunch Plan TBD			
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			
Longer Sessions				
2:30 – 4 pm	A Practical Approach to Active Learning Matt Vonk (JH 151)	Using Smartphones in the Astronomy Classroom Emily Welch & Chris Siedell (JH 249)	Physics & Art Robert Streubel (JH 251)	
4:00m – 4:30 pm	Evaluations, Door Prize Raffle (must be present to win), Dismissal			
4:30 pm	N-AAPT Business Meeting (JH 145)			

