

Astronomy Education Workshop #15
 October 6, 2012
 Jorgensen Hall, UNL City Campus



8:30 – 9 a.m.	Continental Breakfast & Registration		
9:00 – 10:00 a.m.	Keynote Address “Ten Years of Watching the Sky with Students” Jeff Wilkerson, Luther College (JH 110)		
10:00 – 10:20 a.m.	Next Generation Science Standards Kevin Lee (JH 110)		
10:30 – 11 a.m.	Breakouts		
	Baseball’s Distant Road Games <i>Brian Thomas, WU</i> (JH 245)	Targeting the reasoning processes behind students’ misconceptions <i>Marilyne Stains, UNL</i> (JH 249)	Surveying Astronomy Simulations Kevin Lee, UNL (JH 247)
11 – 11:30 a.m.	Outreach with Squishy Circuits <i>Marina Bradaric, UNL & Steve Wignall, Seward HS</i> (JH 111)	New Lecture Tutorials On Cosmology <i>Lee Powell, UNK</i> (JH 151)	Discussion: Teaching the Higgs Boson <i>Dan Claes, UNL</i> (JH 245)
11:30 – Noon	Frames of Reference and the Foucault Pendulum <i>Cliff Bettis, UNL</i> (JH 145)	Star Clusters as Astrophysical Laboratories <i>Jeff Wilkerson, LC</i> (JH247)	Discussion: An Educator’s Refresher on Faster-Than-Light Travel <i>Adam Davis, WSC</i> (JH 249)
Noon – 1 p.m.	Lunch - Selleck Hall President’s Room		
1 – 1:45 p.m.	Presentation		
	“Simulating Supernovae & Gamma-Ray Bursts” Brian Thomas, Washburn University (JH 110)		
1:45 – 3:15 p.m.	Workshops		
	Sweet Labs in Chemistry, Physics and Optics with Candy Glass <i>Todd Leif & Michael Nydeggers, CCCC</i> (JH 111)	Self-Assembly of Nanostructures & Lab Tour <i>Axel Enders, UNL</i> (JH 151)	
3:20 p.m.	Door-Prize Raffle & Dismissal (JH 110)		
3:30 p.m.	Solar Observing with Astronomy Majors (Patio)		

