



NSTA 2010 Philadelphia  
Learn About the Poles: Attend a Polar Related Session



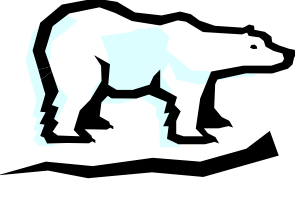
### Thursday, March 18

8:00-9:00	<b>Polar Activities Share-a-Thon: Polar Bears to Penguins—There's Something for Everyone</b> , Liberty C, Sheraton Philadelphia City Center Hotel (Session 1963, Pennycook)	
9:30-10:00	<b>Using Real-Time Communication Technology to Connect Students with Real Science Research</b> , Freedom H, Sheraton Philadelphia City Center (Session 1515/1; Timm & Warburton)	
10:00-10:30	<b>Cultivating Teacher-Researcher Relationships for Professional Development and Improvements in Science Education</b> , Freedom H, Sheraton Philadelphia City Center (Session 1515/2; Warburton & Timm)	
11:00-12:00		
12:30-1:30	<b>Living and Working at the Bottom of Earth</b> , Freedom H, Sheraton Philadelphia City Center Hotel (Casey O'Hara, Jim Madsen)	
2:00-3:00	<b>Mohawk Guy Teams Up to Connect the Poles to the Tropics</b> , Freedom H, Sheraton Philadelphia City Center Hotel (Session 657; King, King, Bowser)	<b>Arctic Climate Modeling Project, Independence B</b> , Sheraton Philadelphia City Center Hotel (Berry-Bertram, Walton, Findlay)
3:30-4:30	<b>Arctic Impact: Meteors, Sediments, and Climate Change</b> , Freedom H, Sheraton Philadelphia City Center Hotel (Session 1599, Tim Martin)	

### Friday, March 19

7:00-8:30	<b>M-5: High School Breakfast – From Climate Change Research in the Arctic to Authentic Research in the Classroom</b> , Sheraton Philadelphia Center Hotel, Logans I. Ticketed Event. Missy Holzer Presenting.	
8:00-9:00	<b>Geoscience Rocks! Discover the Excitement of Geoscience Research in Antarctica</b> , Freedom H, Sheraton Philadelphia City Center Hotel (Session 674, Trummel)	<b>Polar Bears to Penguins</b> , Independence C, Sheraton Philadelphia City Center Hotel (O'Neill)
9:30-10:30	<b>Engaging Students with Rich Media to Study Climate Literacy</b> , Philadelphia South, Sheraton Philadelphia City Center Hotel (Quinones, Fries-Gaither)	<b>Antarctica's Climate Secrets: A Suite of Resources for Teaching Climate Change Literacy</b> , Freedom H, Sheraton Philadelphia City Center (Session 950, Trummel, Petersen, Brown, Huffman).
11:00-12:00	<b>NOAA Climate Symposium Session: Whither Arctic Sea Ice? An Earth Exploration Toolbook Chapter on the Climate's Canary in a Coal Mine</b> , Franklin 11, Philadelphia Marriott (Meier)	<b>NESTA Session: Oceans &amp; Atmosphere Share-a-Thon</b> , Sheraton Philadelphia City Center, Liberty A & B (Lots of polar teachers and researchers here!)
12:30-1:30	<b>Bringing the Icy Ends of the Earth Right into Your Classroom!</b> , Hall D/Room 6, Pennsylvania Convention Center (Session? Presenter?)	
2:00-3:00	<b>Build an Interdisciplinary Polar Science Unit with Beyond Penguins and Polar Bears</b> , Hall D/Room 6, Pennsylvania Convention Center (Fries-Gaither)	<b>Bringing the Real World of Ocean Science to Your Classroom"</b> ; Sheraton Philadelphia City Center Hotel, Room: Independence B (Session 970; Bob King, Tina King, Sharon Cooper, Jennifer Collins)
3:30-4:30	<b>Beyond Penguins and Polar Bears, and NSF-IPY 'zine</b> , Hall D/Room 17, Pennsylvania Convention Center (Landis)	

## Saturday March 20

8:00-9:00	<b>Climate Change and Birds – It’s Not Just Penguins Anymore!</b> Sheraton Philadelphia City Center Hotel, Liberty C (Fee, Levedahl)	
9:00-10:00	<b>COSEE Session: COSEE Alaska: Ways of Knowing Ocean Climate Change,</b> Sheraton Philadelphia City Center Hotel, Independence C (Marilyn Sigman)	
9:30-10:30	<b>UMass STEM Polar Connections: Using Polar Studies for Cross-Disciplinary Investigations in the Middle and High School Classroom,</b> Philadelphia South, Sheraton Philadelphia City Center Hotel	<b>NESTA Session: Earth System Science and the Environment Share-a-Thon,</b> Sheraton Philadelphia City Center Hotel, Liberty A & B (Lots of polar teachers and researchers will be here!)
11:00-12:00		
12:30-1:30		
2:00-3:00		
5:00-6:00	<b>Climate Change in the Chemistry Classroom,</b> Philadelphia Marriott, 303 (Kathy Gorski)	