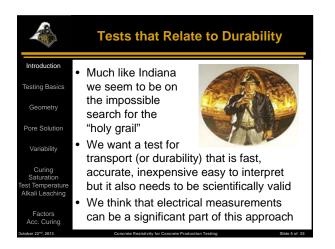
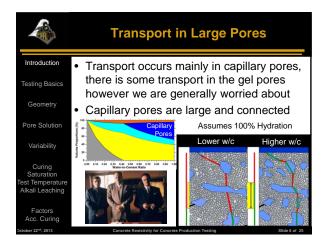
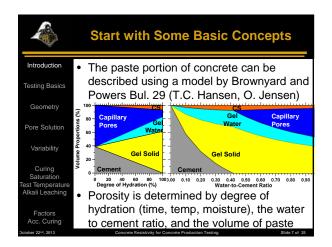


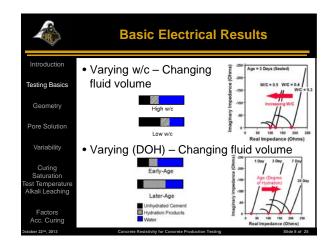


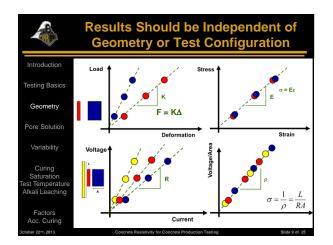
	Objectives of the Session
Introduction	Understand the role of electrical methods
Testing Basics	in performance-based standards and codes
Geometry	 Learn about ongoing research and future
Pore Solution	developments in condition assessment
Variability	
Curing Saturation Test Temperature Alkali Leaching	 Our group has used electrical properties to assess drying, property development, strength, freezing, fibers Our recent focus however is on standardization and
Factors Acc. Curing	relation to service life prediction
October 22nd, 2013	Concrete Resistivity for Concrete Production Testing Slide 4 of 25

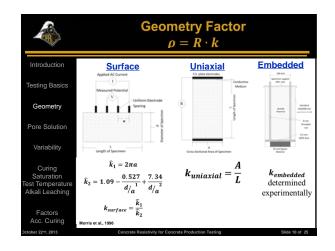


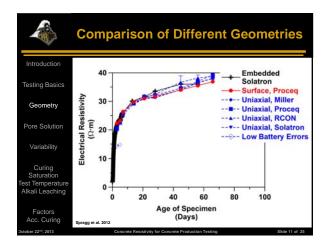


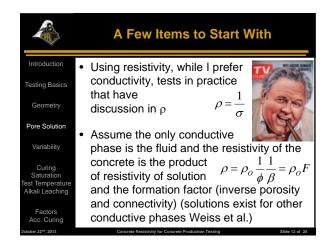




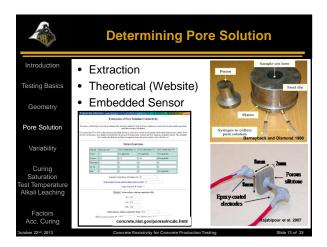


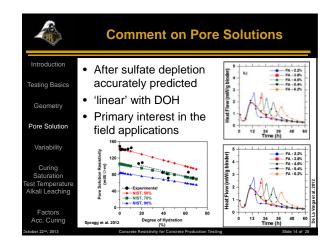


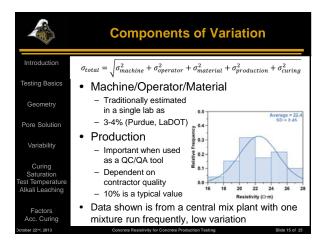


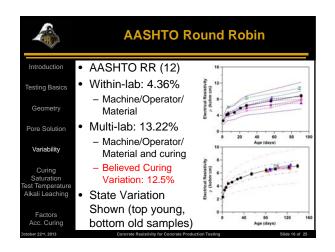


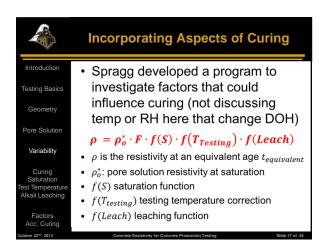
Concrete Durability

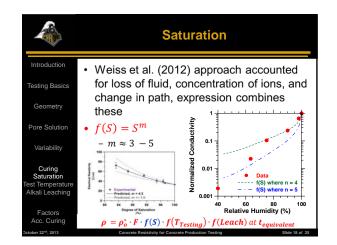


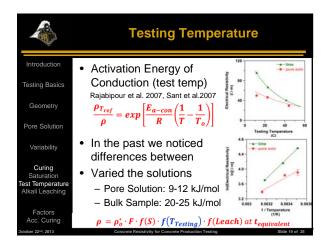


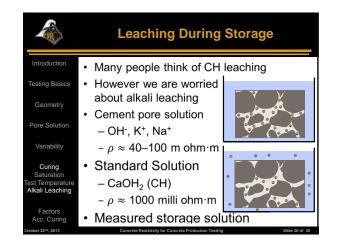


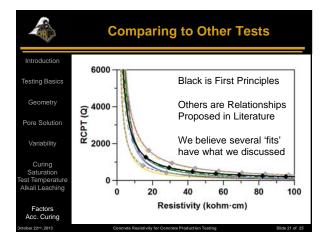


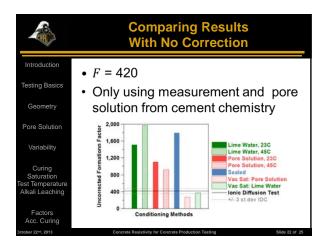


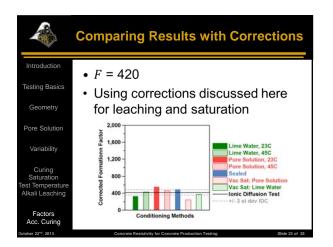


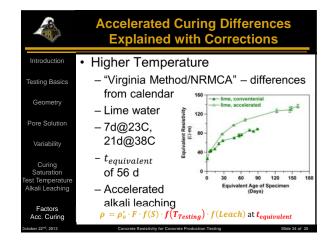












	Summary
Introduction Testing Basics	 Controlling water content and w/c is the first item to control for field testing
Geometry	 Testing geometry is important and needs to be accounted for (approach shown)
Pore Solution Variability	 Variation (test low, curing and storage appears to be part of this)
Curing Saturation Test Temperature Alkali Leaching	 Temperature, leaching and saturation all are important when considering sample storage especially for standard tests
Factors Acc. Curing	We are looking at 'sealed samples' in a current approach

