

## CNSI NanoScience Lab Calendar

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00	Registration				
8:30	Orientation				
9:00	Introduction to the Nanoscale	Homework Review			
9:30	Nanoscience Hands-On Experiments (This list is tentative and subject to change)				
	Measurement at the Nanoscale (Nanoscale Structures and Measurement Techniques)	Plasmonics (Nanoscale behavior with light)	Biotoxicity (Silver Nanoparticles and Applications)	Photolithography (Photolithography and the Top-Down Approach to Micro- and Nanofabrication)	Supercapacitors (Energy Storage)
12:00	Lunch and Networking Activities				
1:00	Speaker: TBD	Speaker: TBD	Guest Seminar Speaker: TBD	Speaker: TBD	Prepare for Presentations
2:00	Demonstration Lab (This list is tentative and subject to change)				Final Presentations
	1. Nano-Pico Characterization Lab 2. Diffraction challenge / guess the object! 3. Science game time!	1. UV-Vis + plasmonics worksheet 2. embedding in "glass" with PDMS 3. Scanning electron microscope	1. Transmission electron microscope 2. Advanced light microscopes 3. Yeast + gold	1. Cleanroom 2. Cyanotype 3. Challenge worksheet	
4:00	Review Discussion and Homework Assignment				
4:30					Closing Reception
5:00	End of Day				