CNSI NanoScience Lab Session - Summer 2020

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00	Registration				
8:30	Orientation				
9:00	Introduction to the Nanoscale	**Homework Review**			
9:30	**Nanoscience Hands-On Experiment**				
	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	**Guest Seminar**				
	Speaker: TBD	Speaker: TBD	Speaker: TBD	Speaker: TBD	Prepare for Presentations
2:00	**Demonstration Lab**				**Final Presentations**
	1. Nano-Pico Characterization Lab (Adam S.) 2. Diffraction challenge / guess the object! (Director's conf. room) 3. Science game time!	1. UV-Vis + plasmonics worksheet 2. embedding in "glass" with PDMS 3. Scanning electron microscope (Ty, Young Hall)	1. Transmission electron microscope (Rich S.) 2. Advanced light microscopes (Matt and Laurent) 3. Yeast + gold	1. Cleanroom (Lorna) 2. Cyanotype 3. Challenge worksheet	
4:00	**Review Discussion and Homework Assignment**				
4:30					Closing Reception
5:00	End of Day				