

## NCLT Teacher Workshop in Nanoscale Science & Engineering

### Schedule of Activities

<b>Date/Room Location</b>	<b>Part 1 3:00-4:00 pm</b>	<b>Part 2 4:00-5:00 pm</b>	<b>Facilitators</b>
Tuesday <b>June 27</b> Part 1: Tech L324 Part 2: Tech L363	Nanoconcept Inventory Pre-Assessment and training	Research Talk: “Introduction to the Nanoscale” (Prof. Mark Hersam)	Nate Unterman, Marcel Grinic
Thursday <b>July 6</b> Part 1: Tech L363 Part 2: Tech L324	Research Talk: “Scanning Probe Microscopy” Prof. Venkat Chadrachekhar	Effectively communicating NSE concepts in the classroom using Multi-media presentations & models	Prof. Lincoln Lauhon Nate Unterman, example of SPM
Tuesday <b>July 11</b> MSE 2068	Intro. to Nano Module Curriculum Development Lab		Valerie Maynard Matthew Hsu
Tuesday <b>July 18</b> MSE 2068	Intro to Light Module Curriculum Development Lab		Matthew Hsu Valerie Maynard
Tuesday <b>July 25</b> Part 1: Tech L363 Part 2: Tech L324	Research Talk: “Light in the Nanoworld” Dr. Kayta Seal	Implementing Inquiry- Interpreting Data, Proposing Explanations, and Presenting findings * NanoEd Clearinghouse (Melinda Vogt)	Prof. Lincoln Lauhon
Tuesday <b>August 1</b> Part 1: Tech L363 Part 2: Tech L324	Research Talk: “Nanoelectro-mechanical systems for biosensing” Zi Xiao Pan	Peer review and feedback on NSE curricular projects	Prof. Lincoln Lauhon
Tuesday <b>August 8</b> Part 1: Tech L363 Part 2: Tech L324	Research Talk: “Nanopatterning” Prof. Teri Odom	Peer review and feedback on Presentations for “final projects”	Prof. Lincoln Lauhon