

**Responsive Nanomaterials Slam Agenda  
April 10, 2019**

| <b>Time</b>      | <b>Name</b>   | <b>Affiliation</b>                 | <b>Title</b>   |
|------------------|---|------------------------------------|--|
| <b>12:30</b>     | <b>LUNCH, COFFEE, DONUTS</b>  |                                    |  |
| 12:45-12:50      | Bagheri, Yousef   | Chemistry, UMass                   | Quantitative understanding of lipid-mediated DNA probe modification on mammalian cell membranes  |
| 12:50-12:55      | Derr, Nathan  | Biological Sciences, Smith College | Templating molecular transport using cytoskeletal motors and volumetric DNA origami wireframes and spherical shells                                |
| 12:55-1:00       | Dutta, Kingshuk   | Chemistry, UMass                   | Designing Polymeric Nanomaterials for the Delivery of Biologics  |
| 1:00-1:05        | He, Lili  | Food Science, UMass                | Raman imaging for chemical mapping of multi-components   |
| 1:05-1:10        | Joshi, Bishnu   | Chemistry, UMass                   | Tumor microenvironment responsive linkers and cell based delivery vehicles   |
| 1:10-1:15        | Liu, Hongxu   | Chemistry, UMass                   | Fixed or escaping: a fluorescent observation of temperature-sensitive supramolecular assemblies  |
| 1:15-1:20        | Perry, Sarah  | Chemical Engineering, UMass        | Bioinspired Polyelectrolyte Complexes  |
| 1:20-1:25        | Schiffman, Jessica  | Chemical Engineering, UMass        | Nanofibers, Nanotopographies, and more?  |
| 1:25-1:30        | Todd Emrick   | Polymer Science and Eng., UMass    | Materials Repair with Droplets   |
| 1:30-1:35        | Zuraw-Weston, Sarah   | Physics, UMass                     | The role of nanoparticle binding in the deformation of lipid membranes;<br>Toward a stimuli responsive, high surface area, reconfigurable material |
| 1:35-1:40        | Santore, Maria  | Polymer Science and Eng., UMass    | Impact of Flow on Rod Adhesion and Orientation   |
| <b>1:40-2:00</b> | <b>Coffee Break</b>   |                                    |  |
| <b>2:00-2:50</b> | <b>Break-Out Session:<br/>Opportunities for Collaboration and Funding</b> |                                    |  |