



# Breakthrough in Research and Education Workshop (BREW)

November 8, 2019

12:00 - 4:30 P.M.

Cheney Room, Engineering Hall

## Agenda

12:00 PM	<i>REGISTRATION, LUNCH SERVED</i>
12:15 PM	Welcome and MRSEC Overview <i>Paul Voyles</i>
12:20 PM	MRSEC Excellence in Open Science Competition <i>Dane Morgan</i>
12:30 PM	IRG 1 Research Highlights  "Understanding of Surface Diffusion and Contrasting with Bulk Diffusion Using Atomistic Simulations" <i>Ajay Annamareddy</i>  "Experimental Measurement of Surface Diffusion on Metallic Glass" <i>Chengrong Cao</i>
1:00 PM	IRG 2 Research Highlights <i>J. R. Schmidt</i>  "Modeling Crystallization of Polymorphic Materials with Enhanced Sampling Molecular Dynamics" <i>Tesia Janicki</i>  "Solid Phase Epitaxy of PrAlO <sub>3</sub> on SrTiO <sub>3</sub> " <i>Peng Zuo</i>  "Enabling <i>in situ</i> Synchrotron Nanobeam X-Ray Characterization of Complex Oxide SPE" <i>Samuel Marks</i>
1:30 PM	Seed Research Highlights  "Materials Systems for Controlling Extra- and Intracellular Assembly and Function" <i>Wendy Crone</i>  "Understanding Stability, Structures, and Two-Level Systems of Silica Glass from Molecular Dynamics Simulations" <i>Zheng Yu</i>
2:00 PM	<i>COFFEE BREAK</i>
2:15 PM	Education Workshop
4:30 PM	<i>ADJOURN</i>

*Wisconsin MRSEC strives to host inclusive and accessible events that enable all individuals, including individuals with disabilities, to engage fully. To request an accommodation or for inquiries about accessibility, please contact Kerri Phillips at [kphillips22@wisc.edu](mailto:kphillips22@wisc.edu) or (608) 516-8091.*