

Friday, April 1, 2016

4:10-5:00 PM

EPS 103

**From Microfluidics and MEMS to
Nanostructured and Bio-derived Materials:
What's New in Nanotechnology at Montana State University**

Professor David Dickensheets

MSU Department of Electrical and Computer Engineering

<http://www.coe.montana.edu/ee/davidd/>

<http://www.coe.montana.edu/ee/davidd/research.html>

<http://www.mmf.montana.edu/>

Abstract:

In September 2015, Montana State University was selected as one of 16 sites nationally that comprise the NSF National Nanotechnology Coordinated Infrastructure program, known as NNCI. In this talk I'll give an overview of the Montana Nanotechnology Facility, a.k.a. MONT, with a discussion of MSU's capabilities for nano- and micro-technology, both current and future. I'll also discuss how the NNCI network facilitates accessibility, both for external researchers coming here to MSU, and MSU researchers who need access to nanofabrication and nano-characterization tools and expertise at other institutions. I'll share several examples of ongoing nanotech projects at MSU, along with some of the education and outreach programs that are part of the MONT project. We'll reserve some time at the end of the seminar to discuss emerging or future capabilities you might like to see in our shared-use nanotechnology facilities.

Host: Rufus Cone

***** Refreshments served in the EPS second floor atrium at 3:45 *****