

# **UW MRSEC BREW**

## **“Breakthrough Research and Education Workshop”**

**Friday, September 21, 2012**

**Room 1610 of Engineering Hall**

### Agenda

**1:00pm-3:00pm Research Breakthroughs – Engineering Hall, Room 1610**

**1:00pm-1:40pm IRG1**

Dane Morgan "The Challenge of Bi in GaAs - Getting Big Atoms into Small Places"

Luke Maust - "Metamorphic Buffer Layers as Virtual Substrates for Materials Integration"

**1:40pm-2:20pm IRG2**

Paul Evans - "Surprises at Donor/Semiconductor Interfaces"

Irena Knezevic - "Modeling Charge and Exciton Transport in Carbon Photovoltaic Materials"

**2:20pm-3:00pm IRG3**

Oleg Lavrentovich - "Blue Phases of Liquid Crystals"

Doug Weibel - "Bacteria as Inspiration for Soft Materials Design Strategies Based on Curvature Strain"

**3:00pm-5:00pm Education Workshop – Engineering Hall, Room 1610**

**5:00pm-6:30pm Poster Session-Reception- Lobby of Engineering Hall**

**6:30pm-7:30pm Dinner, Union South**

Keynote Speaker, Professor David Nelson, Department of Biochemistry

"Wisconsin Hunger Fighters: The Discovery of Vitamins".