

## WEEKLY CALENDAR

4 April 2006



Department of Physics and Astronomy  
202 Nicholson Hall  
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### Quantum Krispy Kreme Seminar

2:40PM / Wednesday, 5 April 2006 / Room 435 Nicholson

*[Coffee and Krispy Kreme Donuts Provided!]*

Robert Boyd, PhD  
University of Rochester

### Quantum Imaging: Enhanced Image Formation Using Entangled Photons

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### Material Science & Engineering Seminar

3:40PM / Wednesday, 5 April 2006 / Room E-130 Howe-Russell

Host: Dr. Barbara Dutro, Geology & Geophysics

Nita Sahai, PhD  
Department of Geology & Geophysics  
University of Wisconsin

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### General Seminar

3:40PM / Thursday, 6 April 2006 / Room 109 Nicholson

Host: Dr. Jonathan P. Dowling, PhD

*[Refreshments served at 3:15PM in Room 229 Nicholson]*

Robert Boyd, PhD  
University of Rochester

### Fundamentals and Applications of Slow Light

Research performed over the past several years has demonstrated new methods for controlling the velocity of propagation of pulses of light through material systems. Ultra slow velocities (tens of meters per second) and ultra fast velocities (including negative velocities) have been demonstrated. This talk will commence with an overview of this field and will include a discussion of some new ideas for applications of fast and slow light based on the use of room temperature solids.

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### Medical Physics Seminar

12:40PM / Friday, 7 April 2006 / Room 435 Nicholson

John Gibbons, PhD  
Adjunct Associate Professor, LSU Department of Physics & Astronomy  
Chief of Clinical Physics, Mary Bird Perkins Cancer Center

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