### Spring 2008

**Noontime Engineering Research Seminars**

**WHEN:** Tuesdays from 12:00 to 1:00 p.m.

**WHERE:** 3540 Engineering Building (Seminar Room)

Pizza and pop will be provided; you are welcome to bring a lunch.

For more information: Dr. Peggy Wade, wadem@egr.msu.edu

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#### Date Topic Speaker

**Jan 15, 2008**

- NSF Career Proposals - Tips and Strategies
  - Dr. Leo Kempel, Associate Dean for Special Initiatives

**Jan 22**

- Fitch H. Beach Student Award Presentations
  - Sudeshna Pat, BE
  - Shahram Pouya, ME
  - Robert Stedtfeld, CEE

**Jan 29**

- Fitch H. Beach Student Award Presentations
  - Zheng Chan, EE
  - Kirthik Nandakumar, CSE
  - Xuara Yang, CHEMS

**Feb 1st-FRIDAY**

- "Evaluation of Whole-Field Thin-Film Stress And Strain By The Aberration Function"
  - Wen-Chung Wang, National Tsing Hua University, Taiwan

**Feb 5**

- International Proposal Resources
  - Mary Anne Walker, Director Office of International Development

**Feb 12**

- CANCELED

**Feb 19**

- Minority, Diversity and K-12 Programs in Engineering (think "Broader Impact")
  - P. Phane, B. O'Kelly, T. Wolff, T. Caldwell

**Feb 26**

- "Human Subjects Research Approvals: When Approvals are Needed" (educational surveys, getting fingerprint from subjects, doing anatomical analysis of subjects...)
  - Kristin Burt, Office of Regulatory Affairs

**Mar 4**

- "Evaluation of Whole-Field Thin-Film Stress And Strain By The Aberration Function"
  - Wei-Chung Wang, National Tsing Hua University, Taiwan

**Mar 11**

- Presentation of Fitch Beach Graduate Student Awards and Career Planning Presentation
  - Dr. Matt Helm, MSU Grad School

**Mar 18**

- "Electron Microscopy of Polymers"
  - Jeff Jansen, Amer. Society of Microscopy

**Mar 25**

- No Seminar

**Apr 1**

- "Organic Materials Interests at AFOSR"
  - Dr. Charles Lee, AFOSR

**Apr 8**

- Office of Naval Research University Laboratory Initiative (ULI) Program
  - Dr. Maria Medeiros, Program Manager

**Apr 15**

- "New International BSE Technologies"
  - Mike Polaner, Director MSU7

**Apr 22**

- "Research Support from OVRGOS: New Offices and Opportunities"
  - Dr. Eastele McGeorge and Lori Hudson, Office of VP for Research and Graduate Studies

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#### FALL 2007

**DATE** | **TOPIC** | **SPEAKER**

**Aug 31** | NSF Opportunities in Controls | Dr. Suhada Jayasuriya, NSF

**Sep 25** | Overview of the College's Research and Graduate Studies Programs | Dean Satish Udpa

**Oct 5**

- Applications of Experimental Mechanics to Civil Aircraft Development, Design, Manufacture and Maintenance
  - Dr. Richard Burguete, Airbus, UK

**Oct 9**

- Video Conferencing and Online Presentations with Adobe Connect Meeting
  - Bert David, DECS

**Oct 16**

- New faculty research overviews
  - Dr. Jeff Sakamoto, CHEMS "Advanced Thermoelectric and Battery Technologies for Space and Terrestrial Applications"; Dr. George Zhu, ME "Closed Loop Combustion Control for IC Engines"

**Oct 23**

- Graduate Real Life - Literature search basics
  - Dr. Ron Rosenberg, Dr. Leo Kempel

**Oct 30**

- Biotechnology and the Bioeconomy
  - Dr. Steven Pueppke, Michigan Ag Experiment Station Director

**Nov 6**

- Semester Effort Reports - What everyone needs to know.
  - Ian Brum, Director Contracts and Grants

**Nov 13**

- Electronic Tools for the Classroom and Beyond
  - Dr. Jon Stichken and Bert David

**Nov 20**

- Nanotechnology: A Short History and Selected Applications
  - Dr. Harold Weinstock, Program Manager Physics and Electronics, AFOSR

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**ARCHIVES FROM PREVIOUS NOONTEME SEMINARS**