



BME Research Fall 2005

Date: Saturday, October 15th

Location: NORD 310

Research Posters will be located in the NORD lobby

Oral Presentations will be held in the NORD Auditorium

Participants: Biomedical Engineering Primary and Associated Faculty, BME Students, Alumni

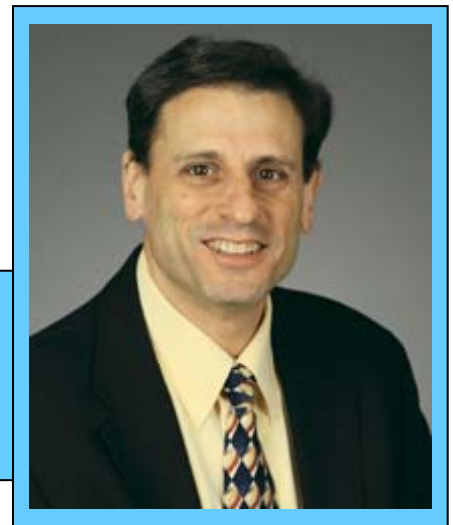
The BME Research Showcase is organized to give BME students an opportunity to present their research locally and to bring BME faculty together.

Preliminary Schedule:

12:00: Poster and Lunch

1:00: Welcome: Dr. Patrick Crago, Chair, Biomedical Engineering

1:10: Invited Speaker: Intruccion by Dr. Gerry Saidel
**Dr. Ken Lutchen, Chair, Biomedical
Engineering, Boston University, Case Aluminus**
"Multi-Scale Image-Functional Modeling in the Lung"



2:00: Student presentations (4)

Coby Larsen: "Endothelial cell adhesion and growth on biomimetic peptide fluorosurfactants".
Biomedical Engineering Case Western Reserve University and Cleveland Clinic. Advvisors:
C. Kottke_Marchant, and R. Marchant

Svjetlana Miocinovic: "Theoretical Design of Selective Deep Brain Stimulation Parameters for
the Subthalamic Nucleus", BME, Cleveland Clinic. Advisor: C. McIntyre

Jackie Jones: "Modulation of Inflammatory Cell/Biomaterial Interactions by Surface
Modification" Biomedical Engineering, Case Western Reserve University. Advisor: J. Anderson

Olivier Salvado: "Computer-Aided Diagnosis of Atherosclerosis with Magnetic Resonance
Imaging" Biomedical Engineering, Case Western Reserve University. Advisor: D. Wilson

3:00: Posters and refreshments

4:00: Awards Presentation

Organizing committee: Dr. D. M. Durand, and members of the graduate student organization (GSA) :Kara Buehrer , Krista Wheelerr; Coordination: Audio-visual, catering and student competition: Claudette Brown,; Photography: GSA; Publications: GSA
RSVP to Yolanda Cunningham to attend this meeting (Email: ywc3@case.edu; Telephone: 216 368 4094)