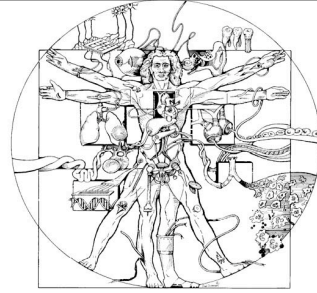


# **Biomedical Engineering Seminar**

**Monday, September 28, 2009**

**2:00 – 4:00 pm**

**Keating 103**



## **BME Data Blitz**

Biomedical Engineering Graduate Interdisciplinary Program  
University of Arizona

What is ‘Biomedical Engineering’? Due to the rapid growth and evolution of this new discipline, a popular working definition of Biomedical Engineering is “whatever biomedical engineers are currently doing”! In this context, the BME Data Blitz will provide short summaries of current biomedical engineering research in the BME GIDP (this speaker list is not necessarily in order of presentation):

- Joel Cuello, Ph.D., Associate Professor of Agricultural & Biosystems Engineering  
“Novel Biosensors”
- John Szivek, Ph.D., Professor of Orthopaedic Surgery  
“A Biomimetic Joint Specific 'Sensate' Scaffold Measures Loading in Joints; One Example of Research In the O.R.L. ”
- Maria Altbach, Ph.D., Associate Professor of Radiology  
“Parametric MRI”
- Ali Bilgin, Ph.D., Assistant Professor of Biomedical Engineering  
“Compressive Imaging”
- Heddwen Brooks, Associate Professor, Department of Physiology  
“Diabetes, Menopause and Stress in the Kidney”
- Pierre Deymier, Ph.D., Professor and Director of School of Sustainable Engineered Systems  
“Science and Engineering of Living Matter”
- Erika Eggers, Ph.D., Assistant Professor of Physiology and Biomedical Engineering  
“Tuning of retinal inhibition by interneuron connections”
- Arthur Gmitro, Ph.D., Professor of Radiology and Optical Sciences  
“Optical and MRI Microscopy”
- John Konhilas, Ph.D., Assistant Professor, Department of Physiology  
“Sex, energy use and how it impacts cardiac function”
- Timothy W. Secomb, Ph.D., Professor of Physiology  
“Theoretical modeling of the microcirculation”

Each summary will be followed by a brief Question & Answer period between the speaker and audience members. This interactive format will provide many opportunities to strengthen networks between faculty members and students in order to develop interdisciplinary research collaborations.

*Host: Marty Pagel, Ph.D. (404-7049)*

*Persons with a disability may request a reasonable accommodation by contacting the Disability Resource Center at 621-3268 (V/TTY). Requests should be made as early as possible to allow time to arrange the accommodation.*