
Spring Industrial Advisory Board Meeting Agenda (DRAFT)
University of Cincinnati
Kingsgate Marriott
May 5-6, 2009

Tuesday, May 5, 2009

- 7:30 – 8:00 Registration and Continental Breakfast
- 8:00 – 8:15 Welcome (*Review of Schedule*)
Charles R. Doarn, MBA (Administrative Director)
Art Erdman, PhD (Director)
- 8:15 – 8:30 Roundtable Introductions of Participants
- 8:30 – 8:45 Opening Remarks
- Sandra Degen, PhD
 Vice President of Research
 University of Cincinnati
- Carlo Montemagno, PhD
 Dean, College of Engineering
 University of Cincinnati
 Acting Director, MIMTeC
- 8:45 – 9:00 IAB Administrative Issues
 IAB Chair
- 9:00 – 9:30 State of Center – A Year in Review
Charles R. Doarn, MBA (Host)
MIMTeC Administrative Director
- Art Erdman, PhD
 MIMTeC Director
- 9:30 – 9:45 NSF Update
Glenn H. Larsen
Program Director, I/UCRC
Division of Industrial Innovation and Partnerships (IIP)
- 9:45 – 10:45 **Summary of Current Research Projects**
Presentation/Review/Feedback of Existing Projects

University of Minnesota

MIMTeC_UMN_08_01

New Tactile MEMS Sensors for Endoscopic End-Effectors
Rajesh Rajamani, PhD – Principal Investigator

MIMTeC_UMN_07_01

Neurophysiology of the Lower Urinary Tract
Gerald W. Timm, PhD and Arthur G. Erdman, PhD – Co – Principal Investigators

MIMTeC_UMN_07_02

Design of MRI Compatible Instrumentation for Guided Interventions
Arthur G. Erdman, PhD – Principal Investigator

MIMTeC_UMN_07_03

Battery-Less Wireless Sensors for MIS and Other Biomedical Applications
Rajesh Rajamani, PhD – Principal Investigators

University of Cincinnati

MIMTeC_UC_07_02

Image-based deformation analysis of soft tissues: internal organs
Doug Mast, PhD – Principal Investigator
(Req Continuation)

MIMTeC_UC_08_02

Modeling surgical effector outputs as a function of operator psychomotor inputs: Toward rational design of the human-device interface in catheter-based interventions.
Mary Beth Privitera, MDes – Principal Investigator
(Req Continuation)

MIMTeC_UC_07_01 (Close Out) (Report only)

Ultrasonic temperature mapping for design verification of thermal devices
T. Douglas Mast, PhD – Principal Investigator

MIMTeC_UC_07_03 (Close Out) (Report only)

In Vitro Photo-elastic Model of Arterial Aneurysms with Wall Stress Sensing Capability
Bala Haridas, PhD / Jandro Abot, PhD – Principal Investigator

10:45– 11:00

Break

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| 8:00 – 10:15 | IAB Closed Session (IAB Members Only)
Life Forms Review (requires laptop!)
‘Review of Current projects’
David Meyers, PhD
Moderator |
| 10:15 – 10:30 | Break |
| 10:30 – 11:15 | IAB Closed Session (Review New Proposals)
‘Funding decisions on New Projects’
David Meyers, PhD
Center Evaluator |
| 11:15 – 11:45 | IAB Summary and Feedback
Cushing Hamlen, PhD
IAB Chair
David Meyers, PhD
Center Evaluator |
| 11:45 – 12:20 | Administrative Issues
Charles R. Doarn, MBA
Administrative Director, UC MIMTeC |
| 12:20 – 12:30 | Closing Comments |
| 12:30 | Adjourn (Boxed lunches provided) |