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

**Tuesday, May 5, 2009**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:30 – 8:00</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>8:00 – 8:15</td>
<td>Welcome <em>(Review of Schedule)</em></td>
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<td>Charles R. Doarn, MBA (Administrative Director)</td>
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<td>Art Erdman, PhD (Director)</td>
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<td>8:15 – 8:30</td>
<td>Roundtable Introductions of Participants</td>
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<td>8:30 – 8:45</td>
<td>Opening Remarks</td>
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<td>Sandra Degen, PhD</td>
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<td>Vice President of Research</td>
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<td>University of Cincinnati</td>
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<td>Carlo Montemagno, PhD</td>
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<td>Dean, College of Engineering</td>
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<td>University of Cincinnati</td>
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<td>Acting Director, MIMTeC</td>
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<td>8:45 – 9:00</td>
<td>IAB Administrative Issues</td>
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<td>IAB Chair</td>
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<td>9:00 – 9:30</td>
<td>State of Center – A Year in Review</td>
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<td>Charles R. Doarn, MBA (Host)</td>
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<td>MIMTeC Administrative Director</td>
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<td>Art Erdman, PhD</td>
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<td>MIMTeC Director</td>
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<td>9:30 – 9:45</td>
<td>NSF Update</td>
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<td>Glenn H. Larsen</td>
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<td>Program Director, I/UCRC</td>
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<td>Division of Industrial Innovation and Partnerships (IIP)</td>
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<td>9:45 – 10:45</td>
<td>Summary of Current Research Projects</td>
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<td>Presentation/Review/Feedback of Existing Projects</td>
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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
11:00 – 11:30  **Summary of Current Research Projects**
Presentation/Review/Feedback of Existing Projects

11:30–12:15  Discussion
David Meyer, PhD
Center Evaluator

12:15 – 1:15  Lunch

1:15 – 3:30  UC/UMN Proposed Projects for the Coming Year
UC
MIMTeC_UC_09_01
Ultrasound-mediated dermal and transdermal drug delivery
T. Douglas Mast, PhD – Principal Investigator

UMN to be provided later!

David Meyers, PhD
Center Evaluator

3:30 – 3:45  Break (Setup Posters)

3:45 – 5:00  UC/UMN Proposed Projects for the Coming Year (Continued)
UMN to be provided later!

David Meyers, PhD
Center Evaluator

5:30 – 6:45  Poster Review (IAB Members only)

7:00 – 9:00  Dinner – Marriott Kingsgate Hotel and Conference Center

**Wednesday, May 6, 2009**

7:30 – 7:45  Continental Breakfast

7:45 – 7:55  Welcome and Summary
Charles R. Doarn, MBA (Host)
Art Erdman, PhD
Center Director
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)