



**Schedule for BIOMAN 2010**  
**Ivy Technical Community College, Bloomington, IN**  
**July 12-15, 2010**

<b>Monday, July 12, 2010</b>	<b>Tuesday, July 13, 2010</b>	<b>Wednesday, July 14, 2010</b>	<b>Thursday, July 15, 2010</b>
8:00 - 9:00 am <b>Breakfast and Networking</b> <i>Lamkin Hall (Main Campus)</i>	8:00 - 9:00 am <b>Breakfast and Networking</b> <i>Lamkin Hall (Main Campus)</i>	8:00 - 9:00am <b>Breakfast and Networking</b> <i>ICLS Training Suite</i>	8:00 - 9:00am <b>Breakfast and Networking</b> <i>Lamkin Hall (Main Campus)</i>
9:00 - 10:00 am <b>Keynote</b> “Medical Devices: Magical Mystery Tour” David Chadwick Ph.D., Regulatory Scientist at Cook Medical <i>Lamkin Hall (Main Campus)</i>	9:00 - 10:00 am <b>Keynote</b> “Principles and Applications of Lyophilization to Biotechnology”, Michael J. Akers, Ph.D. Baxter BioPharma Solutions <i>Lamkin Hall (Main Campus)</i>	9:00 am - noon <b>Hands-On Workshop</b> AKTA System and Software, Cook Pharmica <i>S104 (ICLS)</i> <b>OR</b> <b>Hands-On Workshop</b> Microbiology Tool Kit, Linda Rehfuss, Kevin Lampe and Sheila Byrne, MCCC <i>S107 (ICLS)</i>	9:00 - 10:00am <b>Keynote</b> “Cell line Development for Biomanufacturing” Aaron Pilling Ph.D. Senior Scientist at Cook Pharmica <i>Lamkin Hall (Main Campus)</i>
10:00 - 10:15am BREAK	10:00 am - 1:00 pm Break and Vendor Show	10:00 - 10:15am BREAK	10:00 - 10:15am BREAK

<p>10:15 am - noon</p> <p><b>Panel</b></p> <p>How to Write an NSF ATE Grant and other NSF Opportunities, Celeste Carter, NSF ATE Program Lead</p> <p><i>S102 (ICLS)</i></p> <p><b>OR</b></p> <p><b>Hands-On Workshop</b></p> <p>Greening Your Curriculum: The Development of A Plant Tissue Culture Class Joelene K Smith-Drake, Dow AgroSciences</p> <p><i>S109(ICLS)</i></p> <p><b>OR</b></p> <p><b>Hands-On Workshop</b></p> <p>ELISAs Barbara Bielska, Northampton CC</p> <p><i>S104(ICLS)</i></p>	<p>– Biomanufacturing Equipment and Supplies Vendors)</p> <p><b>LUNCH</b></p> <p><i>ICLS Training Suite</i></p>	<p><b>OR</b></p> <p><b>Hands-On Workshop</b></p> <p>Statistical Issues in Biomanufacturing (Lot Acceptance and Clinical Trials), Mike Fino</p> <p><i>S102 (ICLS)</i></p>	<p>10:15 – noon</p> <p><b>Panel</b></p> <p>What’s BAM?</p> <p>Sengyong Lee, Sarah Cote, Todd Murphy</p> <p><i>S102 (ICLS)</i></p> <p><b>OR</b></p> <p><b>Hands-On Workshop</b></p> <p>AKTA Column Chromatography, Cook Pharmica</p> <p><i>S104 (ICLS)</i></p> <p><b>OR</b></p> <p><b>Hands-On</b></p> <p>Virtual Chromatography Yakov Cherner ATeLearning</p> <p><i>S101 (ICLS)</i></p>
<p>Noon - 1 pm</p> <p><b>LUNCH</b></p> <p><i>ICLS Training Suite</i></p>		<p>Noon - 1 pm</p> <p><b>LUNCH</b></p> <p><i>ICLS Training Suite</i></p>	<p>Noon - 1 pm</p> <p><b>LUNCH</b></p> <p><i>ICLS Training Suite</i></p>
<p>1:30 - 4:30 pm</p> <p><b>Hands-On Workshop</b></p> <p>The Economics of Bringing a Drug to Market, Collins Jones, Montgomery College</p> <p><i>S102 (ICLS)</i></p> <p><b>OR</b></p> <p><b>Hands-On Workshop</b></p> <p>Regulatory Workshop #1 “Introduction to the Regulatory Affairs and</p>	<p>1:30 - 4:30 pm</p> <p><b>Hands-On Workshop</b></p> <p>Regulatory Workshop #2 “A case study: HPV vaccine clinical trials”</p> <p><i>S101 (ICLS)</i></p> <p><b>OR</b></p> <p><b>Hands-On Workshop</b></p> <p><i>Pichia pastoris</i> – HSA (Downstream)</p> <p><i>S104 (ICLS)</i></p>	<p>1:00 - 5:00 pm</p> <p><b>Field Experience Day</b></p> <p>Baxter biopharma solutions and Cook Pharmica</p> <p><b>OR</b></p> <p>Largest Coral Reef in Indiana</p>	<p>1:30 - 4:30 pm</p> <p><b>Hands-On Workshop</b></p> <p>Regulatory Workshop #3 “Risk management why it is important?”</p> <p><i>S101 (ICLS)</i></p> <p><b>OR</b></p> <p><b>Hands-On Workshop</b></p> <p><i>Pichia pastoris</i> – HSA (QC Biochemistry)</p> <p><i>S104 (ICLS)</i></p>

the FDA /scavenger hunt” <i>S101(ICLS)</i> <b>OR</b> <b>Hands-On Workshop</b> <i>Pichia pastoris</i> - HSA (Upstream) <i>S108 (ICLS)</i>	<b>OR</b> <b>Hands-On Workshop</b> The Toothpick Factory Marilyn Barger, FLATE <i>S107 (ICLS)</i>		<b>OR</b> <b>Hands-On Workshop</b> Making Biofuels, Sherri Andrews, Bio-Rad <i>S107 (ICLS)</i>
6:00 pm Dinner on your own	6:00 pm Dinner and reception <i>Oliver Winery</i>	6:00 pm Dinner on your own	Home

### Local Transportation

Pick up at hotel – transport to Main Campus (M, T and R) or ICLS (W): 8:45 AM

Pickup at main campus – transport to ICLS (M, T and R): Shuttles from 9:00 AM – 10:10 AM

Pickup at ICLS – transport to hotel (all days): 4:30 PM

Pickup at hotel – transport to Oliver Winery (T): 5:30 PM

Pick-up at Oliver Winery – transport to hotel (T): On-call (when we are done, we will contact the driver to come pick up)

Wednesday field trips:

*Trip One: Local Biomanufacturing Companies*

1:00 – pick up from ICLS, transport to Cook Pharmica

3:00 – Pick up from Cook Pharmica, transport to Baxter

4:30 – Pick up from Baxter, transport to hotel

*Trip Two: Largest Coral Reef in Indiana*

1:10 – pick up from ICLS, transport to Terra Haute

Return to hotel upon completion, 5 PM at latest