






**2017MiniBIOMAN Drug Product Manufacturing
July 11-13, 2017**

**Ivy Tech Community College-Bloomington
Indiana Center for the Life Sciences
501 N Profile Parkway
Bloomington, IN 47404**

Tuesday, July 11	Wednesday, July 12	Thursday, July 13
8:30 - 9:00 AM Breakfast, Networking Training Suite, ICLS	8:30 - 9:00 AM Breakfast, Networking Training Suite, ICLS	8:30 - 9:00 AM Breakfast, Networking Training Suite, ICLS
9:00 - 10:00 AM Keynote S102, ICLS "Formulation and Lyophilization of Injectable Drug Products" <i>Jeff Schwegman, PhD</i> <i>Founder & CEO</i> <i>AB-Biotechnologies</i> 	9:00 - 10:00 AM Keynote S102, ICLS "Primary and Secondary Drug Product Manufacturing" <i>Jo Anne Jacobs</i> <i>Director of Drug Product Tech</i> <i>Services, Cook Pharmica</i> 	9:00 AM – 11:00 AM Hands-On Workshop Inspection of Lyophilized Vials: Reconstitution Time, Osmolarity, and Residual Water Content Measurements
10:00 - 10:15 AM BREAK	10:00 - 10:15 AM BREAK	
10:15 AM - Noon Parenteral Drugs and Manufacturing Requirements S104, ICLS	10:15 AM - Noon Hands-On Workshop Aseptic Vial Filling & Sealing S104, ICLS	
Noon – 1:00 PM LUNCH S102	Noon – 1:00 PM LUNCH S102	11:30 – 12:30 PM LUNCH S102
1:30 - 4:00 PM Hands-On Workshop Parenteral Drug Formulation & Lyophilization) S104 & S108, ICLS	1:30 - 4:30 PM Hands-On Workshop Manual Drug Product Inspection Training S104, ICLS	1:00 - 3:00 PM Field Experience Day Singota Solutions 4320 W Zenith Dr. 47404  <i>**Please note: A dress code of closed-toe shoes and pants will be strictly enforced on all tours. Participants must also bring government-issued photo identification, such as a driver's license or passport.</i>

