



*PROGRAM AGENDA*

# 2024 ECU SPRING 5<sup>TH</sup> ANNUAL PHARMA CONFERENCE

*Presented in part by*



**MAY 21-22, 2024**  
**#ECUpharma**

**Wifi Username:**  
**PHARMA24@ECU.EDU**  
**Wifi Password:**  
**6NlTa4Vm**

# ECU SPRING 2024 PHARMA CONFERENCE | DAY 1

EVENT LOCATIONS: 2<sup>nd</sup> and 1<sup>st</sup> Floor of the ECU Student Center

● Ballroom A ● Ballrooms B&C ● 125 ● 249 ● 253 ● 347 - The Deck

9:15am - 9:45am	Check-In	Coffee and Donuts
9:45am - 10:15am	Day 1 Welcome	Jack Pender, ECU Eastern Region Pharma Center
10:15am - 11:00am	The State of Pharma in North Carolina 2024	Mark Phillips, NC Biotechnology Center
11:00am - 11:30am	Networking with Exhibitors	

## BREAKOUT SESSION 1 | 11:30am - 12:15pm

LAB - PHARMDAMENTALS	LAB - ADVANCED	MANUFACTURING - PHARMDAMENTALS	MANUFACTURING - ADVANCED
The Drug Development Process  PRESENTED BY: Jennifer Harrell, CMP Pharma, Inc. BALLROOM A	ICH Q2(R2) vs (R1): What Really Changed in Method Validation?  PRESENTED BY: Nathan Zelick, Alcami RM 125	Module 3: Explaining CMC Content in Product Applications  PRESENTED BY: Jessica Grant, United Therapeutics RM 249	Developing Strategies for High Potent API Processing for Oral Solid Dosage Forms  PRESENTED BY: Kyle Fugit, Catalent RM 253

12:15pm - 1:15pm Networking Lunch with Exhibitors Sponsored by: Flow Sciences

## BREAKOUT SESSION 2 | 1:15pm - 2:00pm

LAB - PHARMDAMENTALS	LAB - ADVANCED	MANUFACTURING - PHARMDAMENTALS	MANUFACTURING - ADVANCED
Finding Pharma Knowledge (Lab)  PRESENTED BY: Kimberly Lupo, Portrett Pharmaceuticals BALLROOM A	Nitrosamine Impurities  PRESENTED BY: Waleed Saleh, Catalent RM 125	Understanding Unit Operations in Oral Solid Dosage Form Development and Manufacturing  PRESENTED BY: Brad Gold, Piramal RM 249	Overview of Biologic Drug Modalities  PRESENTED BY: Wendy Haines, PharmEng Technology RM 253

2:00pm - 2:30pm Networking Break with Exhibitors Sponsored by: BA Sciences

## BREAKOUT SESSION 3 | 2:30pm - 3:15pm

LAB - PHARMDAMENTALS	LAB - ADVANCED	MANUFACTURING - PHARMDAMENTALS	MANUFACTURING - ADVANCED
Stability Programs 101  PRESENTED BY: John Glennon, Novo Nordisk BALLROOM A	USP <621> Allowable Changes Explained  PRESENTED BY: Catharine Layton, Waters Corp. RM 125	Finding Pharma Knowledge (Manufacturing)  PRESENTED BY: Michael DeHart, CMP Pharma RM 249	Formulating Sustainability  PRESENTED BY: Kristina Kannheiser, IMCD RM 253

3:15pm - 3:45pm Networking with Exhibitors Sponsored by: BA Sciences

3:45pm - 4:30pm Getting Involved - Professional Pharma Organizations Panel Discussion

4:30pm - 6:30pm Welcome Reception Sponsored by: CMP Pharma

# ECU SPRING 2024 PHARMA CONFERENCE | DAY 2

EVENT LOCATIONS: 2<sup>nd</sup> and 1<sup>st</sup> Floor of the ECU Student Center

● Ballroom A ● Ballrooms B&C ● 125 ● 249 ● 253 ● 347 - The Deck

9:15am - 9:45am	Check-In	Coffee and Donuts
9:45am - 10:00am	Day 2 Welcome	Jack Pender, ECU Eastern Region Pharma Center
10:00am - 10:45am	Investigational Approach	FDA Speaker Invited
10:45am - 11:15am	Networking with Exhibitors	Sponsored by: Environmental Specialties

## BREAKOUT SESSION 4 | 11:15am - 12:00pm

LAB - PHARMDAMENTALS	LAB - ADVANCED	MANUFACTURING - PHARMDAMENTALS	MANUFACTURING - ADVANCED
Fundamentals of Dissolution Testing  PRESENTED BY: Ken Boda, Agilent BALLROOM A	ICH Q14 Procedure Development  PRESENTED BY: Ryan Doxey, Kymanox RM 125	An Introduction To Biologics Manufacturing Processes  PRESENTED BY: Marc Bonner, Biogenic Technologies RM 249	COV Approaches in a Manufacturing Space  PRESENTED BY: Brittany Doyle and Carman Ezzard Sequence Inc. RM 253

12:00pm - 1:00pm Networking Lunch with Exhibitors Sponsored by: AdvanceTec, LLC

## BREAKOUT SESSION 5 | 1:00pm - 1:45pm

LAB - PHARMDAMENTALS	LAB - ADVANCED	MANUFACTURING - PHARMDAMENTALS	MANUFACTURING - ADVANCED
Biologic Drugs - Incorporating Current Reality with Future Promise  PRESENTED BY: Janet Davis, Independent Contributor BALLROOM A	Using Designed Experiments to Evaluate Parameter Ranges of Analytical Procedures  PRESENTED BY: Alisa Hunt- Lowery and Byron Winegerd, JMP Statistical Discovery RM 125	Application of Quality Risk Management for Commissioning and Qualification  PRESENTED BY: Stephanie White, Emergent BioSolutions RM 249	GMP Evolution: Transforming Ideas into Market Reality  PRESENTED BY: Victor Sanchez, PharmaBioServe RM 253

1:45pm - 2:15pm Networking with Exhibitors Sponsored by: Environmental Specialties

## BREAKOUT SESSION 6 | 2:15pm - 3:00pm

LAB - PHARMDAMENTALS	LAB - ADVANCED	MANUFACTURING - PHARMDAMENTALS	MANUFACTURING - ADVANCED
Understanding HPLC System Suitability: Arts and Crafts Session  PRESENTED BY: Jack Pender, ECU ERPC BALLROOM A	Chromatography of Large Molecules  PRESENTED BY: Nolan Dean, Thermo Fisher Scientific RM 125	Manufacturing of APIs Suitable for Use in Clinical Trials  PRESENTED BY: Chris Creighton, Sterling Pharma RM 249	Development and Manufacture of Inhalation Product  PRESENTED BY: Alan Watts Catalent RM 253

3:00pm - 3:15pm Networking Break with Exhibitors

3:15pm - 3:30pm Raffle Drawing Sponsored by: North Carolina Biotechnology Center

3:30pm - 4:15pm Panel Discussion Industry Veterans

4:15pm - 4:30pm Conference Wrap up and Discussion Jack Pender, ECU Eastern Region Pharma Center

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### Conference Exhibitors

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For Conference Evaluation

ADA Accommodations: Individuals requesting accommodations under the Americans with Disabilities Act (ADA) should contact the ADA coordinator at least 48 hours prior to the event at 252-737-1018 / ada-coordinator@ecu.edu.