



# Imagine 2025 and Beyond - Taking Your Laboratories into the Future

## Precision Medicine, Digital Innovations, and the Evolving Healthcare Landscape

October 4, 2025 | The William and Ida Friday Center - Chapel Hill, NC

### AGENDA

7:15 – 8:00	Registration & Breakfast - Visit Exhibits			Lobby
8:00 – 8:05	Welcome to Imagine 2025: Taking Your Laboratories into the Future			Auditorium
	Ruth Lininger, MD			
8:05 – 8:35	<b>INNOVATION CORNER: How I Created an Interoperable National Database for Pharmacy; Reimagining The Future Of Lab Medicine with Smart Health Information Systems</b>			Auditorium
	Richard Dick, PhD			
8:35 – 9:35	<b>PATHOLOGY INFORMATICS ROUND TABLE: Leveraging Next Gen Laboratory Data to Drive Value Locally and Nationally, What is on the Horizon?</b>			Auditorium
	Ulysses Balis, MD & Richard Dick, PhD & John Hanna, MD & Thomas Seay, MFA, MBA & Scott Shone			
9:35 – 9:50	Break: Visit Vendors and Poster & Switch Rooms			Lobby
	AP/CP Track	Digital Innovations #1	Digital Innovations #2	Breakout 1
9:50 – 10:20	TRBC1-2 Use in Flow Cytometry for Assessment of T-cell Clonality <i>Giovanni Insuasti, MD</i>	Advances in Cytogenetics: Our Experience Implementing AI-Assisted Karyotyping in the Clinical Laboratory <i>Lynne S Rosenblum, PhD</i>	Developing Research Data Models that Drive Value <i>Kathy Swanson, RPh</i>	
10:20 – 10:30	Break: Visit Vendors and Poster & Switch Rooms			Lobby
10:30 – 11:00	Updates in Inflammatory Bowel Disease <i>Sean Gui, MD</i>	Population Health Screening for Kidney Disease: Creatinine, Cystatin C, and GFRs <i>John Toffaletti, PhD</i>	Developing a Model to Support Clinical Trials/Clinical Research Testing <i>Steven Cotton, PhD</i>	Breakout 2
11:00-11:10	Break: Visit Vendors and Poster & Switch Rooms			Lobby

More Information at:  
<https://www.southpiedmontahec.org/event/74971>





# Imagine 2025 and Beyond - Taking Your Laboratories into the Future

## Precision Medicine, Digital Innovations, and the Evolving Healthcare Landscape

11:10 – 12:10	<b>KEYNOTE 1: AI In the Future Of Laboratory Medicine</b>			<b>Auditorium</b>
	<i>Thomas Seay, MFA, MBA</i>			
12:10 – 1:00	<b>Lunch: Visit Vendors and Poster &amp; Switch Rooms</b>			<b>Lobby</b>
1:00 – 2:00	<b>KEYNOTE 2: Precision Laboratory Medicine</b>			<b>Auditorium</b>
	<i>Michael Olivier, PhD</i>			
2:00 – 3:00	<b>NATIONAL LAB LEADERSHIP PANEL: Creating the Future of Lab Medicine</b>			<b>Auditorium</b>
	<i>Greg Davis, MD &amp; Kyle Riding, PhD &amp; Thomas Seay, MFA, MBA &amp; Scott Shone, PhD &amp; Qihui “Jim” Zhai, MD</i>			
3:00 – 3:15	<b>Break: Visit Vendors and Poster &amp; Switch Rooms</b>			<b>Lobby</b>
	<b>AP/CP Track</b>	<b>Digital Innovations #1</b>	<b>Digital Innovations #2</b>	<b>Breakout 3</b>
3:15 – 4:15	<b>Biomarkers in Women’s Health: What’s New and Hot</b> <i>Amanda Strickland, MD</i> <i>Anne Bartels, MD</i>	<b>Digital innovations in Healthcare in the Generative AI Era; Opportunities and Challenges for Microbiology and Infectious Disease</b> <i>John Hanna, MD, CMIO</i>	<b>Role of Lab Professionals in Advancing Health Equity Using Social Determinants of Health Data</b> <i>Kyle Riding, PhD</i>	
4:15 – 4:25	<b>Break: Visit Vendors and Poster &amp; Switch Rooms</b>			<b>Lobby</b>
4:25 – 4:55	<b>Updates in the Neuroendocrine Tumors of the Lung</b> <i>Haodong Xu, MD, PhD</i>	<b>Using Digital Media for Advocacy and Awareness of Laboratory Professions</b> <i>Doryan Redding, MLS(ASCP)</i>	<b>Virtual Education Outreach to Teachers to Spread Awareness for Lab Professions</b> <i>Susan Taylor, MS, MLS(ASCP)<sup>CM</sup>, MBA</i>	<b>Breakout 4</b>
4:55 – 5:10	<b>Closing Remarks &amp; Awards</b>			<b>Auditorium</b>
	<i>Ruth Lininger, MD &amp; Phil Boyer, MD</i>			



## **Imagine 2025 and Beyond - Taking Your Laboratories into the Future**

Precision Medicine, Digital Innovations, and the Evolving Healthcare Landscape

### **FACULTY**

- **Ulysses Balis, MD** –University of Michigan
- **Anne Bartels, MD** –University of North Carolina Chapel Hill
- **Phillip Boyer, MD** – East Carolina University, Brody School of Medicine
- **Steven Cotton, PhD, DABCC** – University of North Carolina Chapel Hill
- **Gregory Davis, MD** –University of Alabama at Birmingham
- **Richard Dick, PhD** – InterOp Key, LLC
- **Sean Gui, MD** – Atrium Health Wake Forest University School of Medicine
- **John Hanna, MD** – East Carolina University
- **Giovanni Insuasti, MD** – Wake Forest University School of Medicine
- **Ruth Lininger, MD, MPH** – Wake Forest University School of Medicine
- **Michael Olivier, PhD** – Wake Forest University School of Medicine
- **Doryan Redding, MLS(ASCP)** – University of Virginia Health System
- **Kyle Riding, PhD, MLS(ASCP)** – University of New Hampshire
- **Lynne Rosenblum, PhD, FACMG** – Wake Forest University School of Medicine
- **Thomas Seay, MFA, MBA** – AI Catalyst
- **Scott Shone, PhD** – NC Department of Health and Human Services
- **Amanda Strickland, MD** – University of North Carolina at Chapel Hill
- **Kathy Swanson, MS, RPh** – Project Santa Fe Foundation
- **Susan Taylor, MS, MLS(ASCP), MBA** – University of North Carolina at Chapel Hill
- **John Toffaletti, PhD** – Duke University
- **Haodong Xu, MD, PhD** – Wake Forest University School of Medicine
- **Jim “Qihui” Zhai, MD, FCAP** – Louisiana State University Health Shreveport