



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	INNOVATION CORNER: How I Created an Interoperable National Database for Pharmacy; Reimagining The Future Of Lab Medicine with Smart Health Information Systems			Auditorium
	Richard Dick, PhD			
8:35 – 9:35	PATHOLOGY INFORMATICS ROUND TABLE: Leveraging Next Gen Laboratory Data to Drive Value Locally and Nationally, What is on the Horizon?			Auditorium
	Ulysses Balis, MD & Richard Dick, PhD & John Hanna, MD & Thomas Seay, MFA, MBA & Scott Shone, PhD & W. Ed Hammond, PhD			
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: 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>	The Path Forward for Serum Creatinine, Cystatin C, and eGFRs for Assessing Chronic Kidney Disease <i>John Toffaletti, PhD</i>	Developing a Model to Support Clinical Trials/Clinical Research Testing <i>Steven Cotten, PhD, DABCC</i>	Breakout 2
11:00-11:10	Break: Visit Vendors and Poster & Switch Rooms			Lobby

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





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



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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 Cotten, PhD, DABCC** – University of North Carolina Chapel Hill
- **Gregory Davis, MD** –University of Alabama at Birmingham
- **Richard Dick, PhD** – InteropKey, LLC
- **Sean Gui, MD** – Atrium Health Wake Forest University School of Medicine
- **W. Ed Hammond, PhD, FACMI** – Duke University
- **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 B. Riding, PhD, MLS(ASCP)^{CM}** – University of New Hampshire
- **Lynne Rosenblum, PhD, FACMG** – Wake Forest University School of Medicine
- **Thomas Seay, MFA, MBA** – AI Catalyst and The Health Management Academy
- **Scott Shone, PhD** – NC Department of Health and Human Services
- **Kathy Swanson, MS, RPh** – Project Santa Fe Foundation
- **Susan Taylor, MS, MLS(ASCP)^{CM}, MBA** – University of North Carolina at Chapel Hill
- **John Toffaletti, PhD** – Duke University
- **Haodong Xu, MD, PhD** – Wake Forest University School of Medicine
- **Qihui “Jim” Zhai, MD, FCAP** – Louisiana State University Health Shreveport



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KEYNOTES & NATIONAL LAB LEADERSHIP FACULTY



Ulysses Balis, MD

Associate CMIO, Division Director,
Pathology Informatics
University of Michigan



Gregory Davis, MD

ASCP President Elect
Professor and Division Director,
Forensic Pathology
University of Alabama at Birmingham



Richard Dick, PhD

Author, *The Computer Based
Patient Record*,
Founder
InteropKey, LLC



John Hanna, MD

Associate CMIO, Digital Health &
Research Analytics
East Carolina University Health



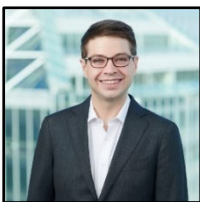
Michael Olivier, PhD

Director, Center for Precision
Medicine, Professor, Department of
Internal Medicine - Section on
Molecular Medicine
*Wake Forest University
School of Medicine*



Kyle B. Riding, PhD, MLS(ASCP)^{CM}

ASCLS President
University of New Hampshire



Thomas Seay, MFA, MBA

Executive Director
*AI Catalyst
The Health Management Academy*



Scott Shone, PhD

Director
NC State Lab of Public Health
President Elect
*Association of Public Health
Laboratories NC Department of Health
and Human Services*



Qihui "Jim" Zhai, MD, FCAP

President, 2025-2027
College of American Pathologists
Professor & Chair of Pathology and
Translations Pathology, Chief of
Pathology
*Ochsner Louisiana State
University Health*