

May 6-8, 2015



**Ohio
Collaborative
Laboratory
Conference**

An *Investigation* in
Medical Laboratory Science

Crowne Plaza North Columbus, OH

CLMA 
CLINICAL LABORATORY MANAGEMENT ASSOCIATION



AACC | Better health through
laboratory medicine.

You Are Invited

The Collaborative Laboratory Conference Steering Committee, Program Committees, AACC-NE Ohio Section, AACC-Ohio Valley Section, ASCLS-Ohio and CLMA-First Ohio, Six Rivers and Western Lake Erie Chapters are pleased to extend an invitation to **YOU** to attend **"2015 Ohio CLC: An Investigation in Medical Laboratory Science."** Because the quality of your continuing education can directly affect your professional development and achievements, this educational conference is designed by **YOU** for **YOU**, the clinical laboratory professional.

Who Should Attend: All clinical laboratory practitioners, educators, students, supervisors, managers, directors, and phlebotomists.

Benefits of Attending:

- ❖ Review current technologies and learn new techniques
- ❖ Formulate ideas for further development
- ❖ Gain insights into future laboratory practice
- ❖ Network with your professional colleagues
- ❖ Enhance your career potential
- ❖ **Relax . . Learn . . Share . . Have Fun!**

Registration Includes:

Full Registration:

- ✓ Attendance at all conference sessions
- ✓ Lunch plus morning and afternoon refreshment breaks
- ✓ Wednesday evening dinner

Daily Registration:

- ✓ All sessions, refreshment breaks and lunch either day

CLC Steering Committee

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Please bring this program brochure with you to the conference

Featured Speaker

Welcome & Keynote Address

Investigation: Leadership YOU Beth Flynn, M.S.

The Ohio State University Leadership Center



We are very happy to welcome this year's Welcome and Keynote Speaker Beth Flynn

Beth is an enthusiastic educator, facilitator, and trainer. With an emphasis on interactive learning, her strengths-based workshops focus on attitude, creativity, motivation and leadership styles. Beth's programs receive rave reviews, but the best compliment she receives is that organizations invite her back to conduct additional trainings.

As a member of The Ohio State University Leadership Center team, Beth draws upon her knowledge and experience to help organizations improve employee's performance. Beth holds a master's degree in Community and Human Resource Development from The Ohio State University in Columbus, Ohio and a bachelor's degree in Business Administration from the College of Mount St. Joseph in Cincinnati, Ohio.

Vendor Exhibits & Reception

During the conference, you will have a great opportunity to enhance your learning experience by "Visiting the Vendors" to see and hear about all the newest laboratory instrumentation and testing products.

Thursday, May 7 12:00 pm – 4:00 pm; Vendor Reception 5:00 pm – 7:00 pm
Friday, May 8 9:30 am – 12:00 pm

At various times during vendor reception hours, there will be door prize drawings – but you must be present to win. Be sure to include some time to visit with our vendors / sponsors during the conference. The CLC organizations are extremely grateful for the generosity from our laboratory industry vendor friends that allow us to provide affordable continuing education to Ohio's laboratory professionals. A complete listing of vendor exhibitors and sponsors will be provided to all conference attendees.

Program at a Glance

2015 OHIO COLLABORATIVE LABORATORY CONFERENCE

An Investigation of Medical Laboratory Science

May 6 – May 8, 2015

Wednesday, May 6

12:30 – 5:00	Registration		
1:00 – 2:00	<p>W1 Go with the Flow: Flow Cytometry for the Diagnosis of Lymphoproliferative Disorders</p> <p>Rose Beck, MD, PhD</p>	<p>W2 Is Moneyball just for Sports - the Use of Analytics in Clinical Laboratory Practice</p> <p>Robert A. Middleberg, PhD, DABCC, FABFT</p> <p><i>Sponsored by NMS Labs</i></p>	<p>W3 Blood Gas Interpretation: Basic Guidelines for Beginners</p> <p>Shane Keene, DHSc, MBA, RRT-NPS, CPFT, RPSGT, FAARC</p>
2:00 – 2:30	Refreshment Break		
2:30 – 3:30	<p>W4 How Different is Pediatric Hematology</p> <p>Samir B. Kahwash, MD</p>	<p>W5 Clostridium Difficile: Testing and Treatment</p> <p>Ike Northern, MT, SM (ASCP)</p>	<p>W6 Building a Culture of Accountability to Drive Performance</p> <p>Denise M. O'Conner, BA, MT(ASCP)</p>
3:45 – 4:45	<p>W7 The Potential and Limitations of Next-Generation Sequencing for Oncology</p> <p>Joshua Coleman, MD</p>	<p>W8 Pro's and Con's of the Reverse Syphilis Algorithm</p> <p>Ike Northern, MT, SM (ASCP)</p>	<p>W9 Laboratory Test Utilization Proven Interventions</p> <p>Donna D. Cooper, MS, MBA</p>
5:00 – 7:00	Dinner		
7:00 – 9:00	ASCLS-OH Board of Directors Meeting		

Thursday, May 7

8:00 – 5:00	Registration			
8:00 – 8:30	Continental Breakfast			
8:30 – 9:30	<p style="text-align: center;">T10 Am I Really Leading?</p> <p>Catherine Shaffner, MOL, MLS(ASCP)^{CM}SH</p>	<p style="text-align: center;">T11 Which Result is Right? Resolving Discrepancies in Electrolyte and Blood Gas Results</p> <p>Christine Schmotzer, MD</p>	<p style="text-align: center;">T12 Update on Myelodysplastic Syndromes</p> <p>Roslyn McQueen, PhD, CCRC, ASCP(SH)</p>	<p style="text-align: center;">T13 Health Care Reform – Status Check for Individuals and Clinical Laboratories</p> <p>Paul Labbe</p>
9:30 – 9:45	Refreshment Break			
9:45 – 10:45	<p>T14: Welcome & Keynote Address Investigation: Leadership You Beth Flynn, MS</p>			
11:00 – 12:00	<p style="text-align: center;">T15 An A+ Approach for Collaboration - Creating Acceptance, Appreciation and Awareness for the Laboratory in a Large Medical Center</p> <p>Sandra VanVranken, MS, MT(ASCP)SH</p>	<p style="text-align: center;">T16 Update & Guidelines for HPV Testing</p> <p>Joan-Miquel Balada-Llasat, PharmD, PhD, D(ABMM)</p>	<p style="text-align: center;">T17 Delta Checks: Not Just for Specimen Misidentification</p> <p>James J. Miller, PhD, DABCC</p>	<p style="text-align: center;">T18 Assessment of Clinical Skills: How Do YOU Know What Your Students Know?</p> <p>Laura Geiger, MBA, MT(ASCP) and Tricia Leggett, DHEd, RT(R)(QM)</p>
12:00 – 1:30	Luncheon & Visit Vendors			
1:30 – 2:30	<p style="text-align: center;">T19 Investigation: Leadership YOU: The Sequel</p> <p>Beth Flynn, MS</p>	<p style="text-align: center;">T20 Autoverification of Chemistry Results</p> <p>Sihe Wang, PhD and Nancy Werts</p>	<p style="text-align: center;">T21 Immunotherapy-New attempts to harness the immune system for targeted therapies</p> <p>J. Lynne Williams, PhD, MT(ASCP)</p>	<p style="text-align: center;">T22 Massive Transfusions-Life in the Fast Lane</p> <p>Amanda Wright, MLS (ASCP) and Courtnie Croskey, MLS (ASCP)</p>
2:45 – 3:45	<p style="text-align: center;">T23 The Impact of Laboratory Culture on Productivity and Patient Safety</p> <p>Jaime Noguez, PhD</p>	<p style="text-align: center;">T24 Body Fluid Validation in the Clinical Lab</p> <p>Steven W. Cotten, PhD</p>	<p style="text-align: center;">T25 Applications of Molecular Pathology to Oncology</p> <p>Weiqliang Zhao, MD, PhD</p>	<p style="text-align: center;">T26 Plasma Cell Biomarkers – Screening, Diagnosis, and Monitoring of Monoclonal Gammopathies by Serum Free Light Chains</p> <p>Deborah J. Kuhn, PhD</p>
3:45 - 4:00	Refreshment Break/Visit Vendors			
4:00 – 5:00	<p style="text-align: center;">T27 Compassionate Leadership Amidst Cost Repositioning</p> <p>Rosanne Kelley, FACHE, MBA, MT</p>	<p style="text-align: center;">T28 Getting That New Job: A Guide to Applying, Interviewing and Negotiating</p> <p>Catherine Shaffner, MOL, MLS(ASCP)^{CM}SH and Joe M. El-Khoury, PhD, DABCC, FACB</p>	<p style="text-align: center;">T29 Diabetes: Is Renal Disease Avoidable?</p> <p>Linda S. Gorman, PhD</p>	<p style="text-align: center;">T30 The Mighty Mast Cell: Friend or Foe?</p> <p>Leona W. Ayers, MD</p>
5:00 – 7:00	Vendor Reception			

Friday, May 8

8:00 – 3:00	Registration			
8:00 – 8:30	Continental Breakfast/Networking			F31
8:30 – 9:30	<p style="text-align: center;">F32 Innovative Problem Solving</p> <p>Bonnie Messinger CPHQ, CMQ/OE (ASQ), Six Sigma Black Belt</p> <p style="text-align: center;"><i>Sponsored by ARUP</i></p>	<p style="text-align: center;">F33 OSHA, EPA, DOT, CAP – OH my!</p> <p style="text-align: center;">Robert Harding</p>	<p style="text-align: center;">F34 Chemistry Review: What Comes After An Abnormal Result?</p> <p style="text-align: center;">Linda S. Gorman, PhD</p>	<p>ASCLS-Ohio Member Business Meeting</p> <p style="text-align: center;">8:00 – 9:30</p>
9:30 – 9:45	Refreshment Break/Visit Vendors			
9:45 – 10:45	<p style="text-align: center;">F35 Extreme Point of Care Testing: New Settings and Applications</p> <p>Edmunds Z. Reineks, MD, PhD</p>	<p style="text-align: center;">F36 Blood, Sweat and Tears: Do you really want to be a leader?</p> <p>James (Jim) A. Rowe, HT, MT (ASCP), MBA, FACHE</p>	<p style="text-align: center;">F37 Clotting of Bleeding? A Case Study Review of Hemostasis</p> <p>Charity Accurso, PhD, MT(ASCP)</p>	<p style="text-align: center;">F38 Error Proofing for the laboratory</p> <p>Bonnie Messinger CPHQ, CMQ/OE (ASQ), Six Sigma Black Belt</p> <p style="text-align: center;"><i>Sponsored by ARUP</i></p>
10:45 – 12:30	<p>Vendor Exhibits (10:45 – Noon)</p> <p>Lunch (11:30 – 12:30)</p>			
12:30 – 1:30	<p style="text-align: center;">F39 Hemolytic Disease of the Fetus and Newborn</p> <p>Hollie M. Reeves, DO</p>	<p style="text-align: center;">F40 Diagnosing Diabetes with HbA1c in Sickle Trait Patients</p> <p>Chesinta Voma, PhD, MT(ASCP)^{CM}</p>	<p style="text-align: center;">F41 Preparing for the BOC Exam - A Brief Review and Action Plan</p> <p>Charity Accurso, PhD, MT(ASCP)</p>	<p style="text-align: center;">F42 Pre-analytical Variation: Challenges and Solutions</p> <p>Joe M. El-Khoury, PhD, DABCC, FACB</p>
1:45 – 2:45	<p style="text-align: center;">F43 Creating Laboratory Value: Strategies to Make Your Hospital Lab an Economic Engine</p> <p>Michael A. Kachure</p>	<p style="text-align: center;">F44 Transfusion Reactions: Identification, Management, and Prevention</p> <p>Matthew Montgomery, MD</p>	<p style="text-align: center;">F45 Under the Hematology Microscope: Peripheral Blood Smear Review</p> <p>Catherine Shaffner, MOL, MLS(ASCP)^{CM}SH</p>	<p style="text-align: center;">F46 Men and Testosterone</p> <p>Dustin Bunch</p>
2:45 – 3:00	Refreshment Break			
3:00 – 4:00	<p style="text-align: center;">F47 Extraordinary Results: Defining the Point of Inflection in Your Laboratory</p> <p>Michael A. Kachure</p>	<p style="text-align: center;">F48 Demystifying Metabolic Diseases: Amino Acidopathies</p> <p>Amy L Pyle-Eilola, PhD, DABCC</p>	<p style="text-align: center;">F49 Mechanisms in Clinical Chemistry</p> <p>Craig Clifford, MD, MS</p>	<p style="text-align: center;">F50 Capillary Zone Electrophoresis: Principle and Methods for Protein Separation and Cases Interpretations</p> <p>Vincent Ricchiuti, PhD</p>
2:45 – 5:00	Academic Challenge & Student Mixer			

Session Abstracts 2015

Please note that the “level of instruction” is designated as Basic (B), Intermediate (I) or Advanced (A) following the title for each session.

W1. Go with the Flow: Flow Cytometry for the Diagnosis of Lymphoproliferative Disorders (B)

Rose Beck, MD, PhD

Clinical Assistant Professor

University Hospitals of Cleveland Case Medical Center

This presentation will include a brief overview of clinical flow cytometry basics and a discussion of the usefulness of this technique for the diagnosis of lymphoproliferative disorders, including lymphoid leukemias and lymphoma. Disease-specific markers, methods for detecting clonal lymphoid populations, and diagnostic pitfalls will be discussed.

W2. Is Moneyball Just for Sports? - Analytics in Clinical Laboratory Practice (B)

Robert A. Middleberg, PhD, DABCC, FABFT

Laboratory Director

NMS Labs

The term “Moneyball” derives from the use of statistical practice to put together a better team, as opposed to relying on intuition and plain sight observation.

Sponsored by NMS Labs

W3. Blood Gas Interpretation: Basic Guidelines for Beginners (I)

Shane Keene, DHSc, MBA, RRT-NPS, CPFT, RPSGT, FAARC

Department Head

University of Cincinnati

This topic is designed to help students understand basic blood gas interpretation. It will also provide educators with a tool to help teach basic interpretation to their students.

W4. How different is Pediatric Hematology? (I)

Samir B. Kahwash, MD

Vice Chair, Department of Pathology & Director, Hematology Laboratory Services
Nationwide Children’s Hospital

The presentation will describe the unique aspects of pediatric hematology and hematopathology.

W5. Clostridium difficile: Testing and Treatment (B)

Ike Northern, MT, SM (ASCP)

Director of Infectious Disease Testing

CompuNet Clinical Lab

In recent years, new methods for detection of *C. difficile* have been developed. In addition, there are now new treatment options for these patients. In this session, testing and treatment options for *C. difficile* infection will be discussed.

W6. Building a Culture of Accountability to Drive Performance (B)

Denise M. O’Conner, BA, MT(ASCP)

Senior Manager, Healthcare Consulting Solutions

Siemens Healthcare Diagnostics, Inc.

Accountability is a challenge for all leaders, but it is an important factor for success. This session will provide an understanding of what it takes to lead an accountable organization as well as how to create and sustain a culture of accountability to drive performance.

W7. The Potential and Limitations of Next-Generation Sequencing for Oncology (I)

Joshua Coleman, MD

Assistant Professor of Pathology-Clinical

The Ohio State University

This talk will convey an overview of the basic steps in sample preparation and analysis for next-generation sequencing of genomic DNA, especially as applicable to clinical oncology. A discussion of select cases will demonstrate pre-analytic and analytic considerations, highlighting both the promise of this exciting technology and its limitations.

W8. Pro’s and Con’s of the Reverse Syphilis Algorithm (B)

Ike Northern, MT, SM (ASCP)

Director of Infectious Disease Testing

CompuNet Clinical Lab

Some laboratories have switched from a traditional 2-step algorithm to a newer reverse algorithm. In this session, the advantages and disadvantages of this new testing protocol will be discussed.

W9. Laboratory Test Utilization Proven Interventions (I)

Donna D. Cooper, MS, MBA

Manager of Laboratory Client Services and Test Utilization

Cleveland Clinic

Attendees will understand why laboratory test utilization is an increasingly important strategy for controlling healthcare costs. Five proven interventions for avoiding unnecessary tests will be discussed in detail. How to establish a test utilization committee and set achievable goals for the first year will be reviewed.

T10. Am I Really Leading? (I)

Catherine Shaffner, MOL, MLS (ASCP)^{CM}SH

Education Coordinator
ProMedica

Most people are familiar with the Chinese proverb “A journey of a thousand miles must begin with a single step.” So too must the journey toward leadership and extraordinary results. To determine that first step (and every step thereafter) we have to ask the right question. “What’s the one thing I can do such that by doing it everything else will be easier or unnecessary?” This presentation will be rich in gems of, defeat the myths and lies and leave you with a goal determining what that one thing might be that will take all of us down the leadership pathway.

T11. Which Result is Right? Resolving Discrepancies in Electrolyte and Blood Gas Results (I)

Christine Schmotzer, MD

Associate Division Chief for Clinical Pathology and Director of Clinical Chemistry
University Hospitals Case Medical Center

Clinical Chemistry laboratory methods are designed to give accurate results in the majority of patients. At times, patients have unusual clinical situations, which exploit the limitations of laboratory methods and present with discrepant results. This session will provide case examples in which the laboratory method performs exactly as designed, yet could still contribute to misinterpretation of results.

T12. Update on Myelodysplastic Syndromes (I)

Roslyn McQueen, PhD, CCRC, ASCP(SH)

Certified Clinical Research Coordinator
Hurley Medical Center

Myelodysplastic syndromes (MDS) are a heterogeneous group of clonal stem cell hematologic malignancies characterized by cytopenias as a result of ineffective hematopoiesis and a propensity to progress to acute myeloid leukemias. The pathological hallmark of MDS is dysplasia. Diagnosis of MDS relies on findings from peripheral blood counts, examination of bone marrow morphology and evaluation of cytogenetic profiles from chromosomal aberrations. This lecture will focus on hematologic changes observed in MDS using the 2008 WHO criteria for classification and evaluation of patients into one of five MDS categories. It will describe initial and confirmatory laboratory assessments in patients with suspected MDS.

T13. Health Care Reform – Status Check for Individuals and Clinical Laboratories (I)

Paul Labbe

Chief Information Officer
CompuNet Clinical Laboratories

Even though the Patient Protection and Affordable Care Act has been the law of the land since March of 2010, the modifications, changes and debate continues. Four years into the implementation of this significant legislation, has it achieved the original objectives, and what are the intended (and unintended) out-comes. This presentation will give an overview of the history leading up to the enactment of PPACA, how it has affected the national and regional health care statistics, and some future projections and impact to the clinical laboratories into the future.

T14. KEYNOTE: Investigation: Leadership YOU (B)

Beth Flynn, MS

Leadership Consultant and Trainer
The Ohio State University Leadership Center

Are you exceptional? Every person has gifts to share with others, which brings a purpose to their life. What is your life's purpose and your gifts? How are you sharing these gifts? Dr. Seuss, “Today you are You, that is truer than true. There is no one alive who is Youer than You.” Are you being youer than you?

T15. An A+ approach for Collaboration - Creating Acceptance, Appreciation and Awareness for the Laboratory in a Large Medical Center (B)

Sandra VanVranken, MS, MT(ASCP)SH

Director, Laboratory Compliance
The Ohio State University Wexner Medical Center

Operating a Clinical Laboratory in a large medical center can be very challenging! Clinical laboratory personnel face multitudes of obstacles – ranging from calling critical results, implementing policies, tracking diplomas, and explaining the true meaning of Stat. This presentation will discuss the challenges that face technologists and tools for overcoming these barriers. Topics that will be included: committees the laboratory should be involved, techniques for explaining laboratory regulations to nursing and hospital administration, how to gain support for the laboratory, and communication avenues to pursue. Ideas and success stories from the attendees will also be welcomed.

T16. Update & Guidelines for HPV Testing (I)

Joan-Miquel Balada-Llasat, PharmD, PhD, D(ABMM)

Associate Director, Clinical Microbiology. Assistant Professor, Clinical Pathology
The Ohio State University Wexner Medical Center

The presentation will focus on reviewing new testing methodologies for HPV and US guidelines

T17. Delta Checks: Not Just for Specimen Misidentification (I)

James J. Miller, PhD, DABCC

Professor of Pathology and Laboratory Medicine
University of Louisville

Delta checks are commonly used to detect specimen misidentification. Improved specimen labeling, barcoding and primary tube sampling have reduced the frequency of misidentified samples and some have advocated for the elimination of delta checks. However, misidentification does still occur and delta checks are also useful for detecting specimen integrity problems and to monitor for clinically significant changes.

T18. Assessment of Clinical Skills: How Do YOU Know What Your Students Know? (I)

Laura Geiger, MBA, MT(ASCP)

MLT Program Director/Assistant Professor
Zane State College

Tricia Leggett, DHEd., RT(R)(QM)

Director of Institutional Effectiveness and Planning
Zane State College

This presentation will provide laboratory science educators and clinical instructors an appreciation for objectivity and inter-rater reliability in student clinical performance evaluations. Explanations of how the data from these evaluations may be used in the development of an assessment plan for laboratory science programs are provided. An overview of basic assessment terminology, data analysis and action plans will be discussed.

T19. Investigation: Leadership YOU: The Sequel (B)

Beth Flynn, MS

Leadership Consultant and Trainer
The Ohio State University Leadership Center

The advice to know yourself is thousands of years old. But knowing yourself and your unique gifts, at the deepest level is not easy. Your life is constantly evolving through learning more about life from your experiences. This session will allow you to learn more about how to discover your gifts.

T20. Autoverification of Chemistry Results (I)

Sihe Wang, PhD

Medical Director and Section Head, Clinical Biochemistry
Cleveland Clinic

Nancy Werts

Chemistry Supervisor/ Middleware
Cleveland Clinic-Fairview Hospital

This presentation will introduce you to the basic concept of autoverification of clinical chemistry results. The key principles of rule generation will be discussed in details. Examples of setting up an autoverification program and the benefits from implementing such a program will also be presented.

T21. Immunotherapy - New Attempts to Harness the Immune System for Targeted Therapies (I)

J. Lynne Williams, PhD, MT(ASCP)

Professor & Program Director
Oakland University

The possibility of harnessing a patient's own immune system to fight cancer has intrigued researchers and clinicians for decades. Exciting new advances in the field of immunology have increased the likelihood that this may become a reality. The exciting field of cancer immunotherapy is on the brink of realistic and effective cancer treatment options.

T22. Massive Transfusions-Life in the Fast Lane (I)

Amanda Wright, MLS (ASCP)

Quality Management Specialist
ProMedica Health System

Courtne Croskey, MLS (ASCP)

Medical Laboratory Scientist-Transfusion Services
ProMedica Health System

A Massive Transfusion Protocol is an invaluable tool to help coordinate resources to assess and treat a trauma patient undergoing acute blood loss. However, *Life in the Fast Lane* is anything but smooth sailing! Real life challenges and solutions will be presented in this session on Massive Transfusion Protocol.

T23. The Impact of Laboratory Culture on Productivity and Patient Safety (B)

Jaime Noguez, PhD

Assistant Director of Chemistry Laboratories
University Hospitals Case Medical Center

Laboratory culture plays an important role in productivity and patient safety. Therefore, establishing a healthy and sustainable laboratory culture is a crucial component for the success of a healthcare organization. This lecture will discuss the impact of laboratory culture on productivity and patient safety as well as effective approaches for assessing/changing workplace climate

T24. Body Fluid Validation in the Clinical Laboratory (B)

Steven W. Cotten, PhD

Assistant Professor in Pathology, Associate Director of Chemistry and Toxicology
Ohio State University

The presentation will detail strategies to meet the CAP requirements for validation of body fluid chemistry assays for the clinical laboratory.

T25. Applications of Molecular Pathology to Oncology (A)

Weiqliang Zhao, MD, PhD

Associate Professor of Pathology, Director of Pathology Core Facility
The Ohio University Wexner Medical Center

Individualized management has been increasingly used in Oncology, from diagnosis to prediction for therapy. The molecule targeting therapy essentially relies on finding of the biomarkers present in the tumor cells. In this talk, we will discuss the scope of molecular assays applied in solid tumor, from testing point mutations to quantitatively measuring epigenetic changes of genes.

T26. Plasma Cell Biomarkers – Screening, Diagnosis, and Monitoring of Monoclonal Gammopathies by Serum Free Light Chains (I)

Deborah J. Kuhn, PhD

Director of Scientific Affairs
The Binding Site, Inc.

Serum free light chains (sFLC) and intact immunoglobulins are plasma cell biomarkers. These biomarkers are used for evaluating plasma cell activity in monoclonal gammopathies and can provide information into the screening, diagnosis, and monitoring of MG. Prognostication and risk stratification is continually improving with the addition of these biomarkers to the armamentarium.

T27. Compassionate Leadership Amidst Cost Repositioning (B)

Rosanne Kelley, FACHE, MBA, MT

Administrator, Regional and Family Health Center Laboratories
Cleveland Clinic

The Healthcare climate today has necessitated inevitable and sometimes painful changes. Many facilities have gone through, or are in the process of reorganizations, staff reductions, and test menu consolidation. Leaders are responsible for the financial and operational decisions, but one of the most important aspects of their job is to remember there are people behind the decisions: people who are worried about their jobs, the future, and their families. Staff are more likely to listen and trust if the leader is sincere. It is important as a compassionate leader to make well thought out decisions, and ensure open and honest communication. A good leader remembers when they were in the role of bench level staff and what their feelings and reactions would have been.

T28. Getting That New Job: A Guide to Applying, Interviewing and Negotiating (B)

Catherine Shaffner, MOL, MLS (ASCP)^{CM}SH

Education Coordinator
ProMedica

Joe M. El-Khoury, PhD, DABCC, FACB

Assistant Professor of Laboratory Medicine
Assistant Director of Clinical Chemistry Laboratory
Yale University School of Medicine

This presentation will cover the basics for job seekers from locating jobs and applying, to interviewing and negotiating. Senior students and individuals looking for new jobs will benefit the most from attending this presentation.

T29. Diabetes: Is Renal Disease Avoidable? (I)

Linda S. Gorman, PhD

Associate Professor
University of Kentucky

Diabetes affects millions of people and makes up a large percentage of the patient population that we serve as medical laboratory professionals. In this presentation we

will look at the two types of diabetic disease, the existing laboratory markers we use to monitor diabetes, and ways to avoid End-stage Renal Disease in diabetes. Medications used to control diabetes and their secondary health issues will be part of our discussion. Participating in this presentation will allow you to look at how your facility might improve diabetic quality of care.

T30. The Mighty Mast Cell: Friend or Foe? (I)

Leona W. Ayers, MD, Certified American Board of Pathology

Emeritus Professor, Emeritus Academy
The Ohio State University

MCs are evolutionarily ancient cells from 450-500 million years ago found in all vertebrate tissues. MCs are adjacent to endothelial cells (ECs) with direct access to blood-borne antigens and pathogens including viruses. MC secretory granules contain potent preformed mediators histamine, heparin, tryptase and chymase, proteoglycans and cytokines that can be released into the tissue/bloodstream to cure (friend) or kill (foe).

F31. ASCLS-Ohio Member Business Meeting

8:00 – 9:30 NOT for P.A.C.E. credits.

F32. Innovative Problem Solving (B)

Bonnie Messinger CPHQ, CMQ/OE (ASQ), Six Sigma Black Belt

Process Improvement Manager, Improvement Engineering
ARUP Laboratories, Inc

Problem solving has traditionally focused on constraining human behaviors to optimize system performance, but inhibiting behavior has the unwanted side effect of inhibiting innovation as well. “Innovative Problem Solving” will explore methods for solving problems with creativity while accounting for human limitations. Methods for stimulating new ideas while maintaining order and stability in the laboratory setting will be explored.

Sponsored by ARUP

F33. “OSHA, EPA, DOT, CAP – Oh my!” – Clinical Laboratory Safety Management (B)

Robert Harding

Safety Manager
CompuNet Clinical Laboratories

Is your Environment, Health, & Safety program meeting the regulatory guidelines as anticipated by regulatory agencies? What does OSHA, EPA, DOT, CAP, and others truly expect. This session is intended to provide managers, experienced laboratorians, and students an overview of laboratory regulations, the reasons why they exist, and what are auditors looking for.

F34. Chemistry Review: What Comes After An Abnormal Result? (I)

Linda S. Gorman, PhD

Associate Professor

University of Kentucky

Clinical Chemistry reviews try to hit the high points to help those who need to review content connect with the major topics and points of interest. Using case study data, we will review clinical chemistry topics like lipid profiles, electrolytes (not blood gases), hormone findings, and drugs of abuse. This review will not include diabetes or blood gases as they are covered by other speakers at this meeting. Participants looking for a review of clinical chemistry plus students in clinical chemistry will benefit from this presentation.

F35. Extreme Point of Care Testing: New Settings and Applications (B)

Edmunds Z. Reineks, MD, PhD

Medical Director, Point of Care Testing
Cleveland Clinic

The changing healthcare environment demands adaptability to optimize patient care. At Cleveland Clinic, part of that adaptability has required increased use of point of care testing in previously non-existent care settings. The process of applying point of care testing in these novel settings will be described.

F36. Blood, Sweat & Tears: Do You Really Want To Be A Leader? (I)

James A. Rowe, HT, MT (ASCP), MBA, FACHE

Laboratory Director
St. John Medical Center

Making the transition from a manager to a leader involves a paradigm shift in focus, attitude and process. Managers can lead, but leaders go beyond managing. Leaders take risks, leaders fail and succeed. Leaders are not afraid to sweat, to give blood or even shed a tear to get where they desire to go!

F37. Clotting of Bleeding? A Case Study Review of Hemostasis (I)

Charity Accurso, PhD, MT(ASCP)

Assistant Professor – Educator, MLS Program Director
University of Cincinnati

This session will be a case study-based review of Hemostasis. Through the review of a series of case studies, we will review normal and abnormal physiology of hemostasis, as well as the diagnostic strategies for diagnosis.

F38. Error-proofing the Laboratory (B)

Bonnie Messinger CPHQ, CMQ/OE (ASQ), Six Sigma Black Belt

Process Improvement Manager, Improvement Engineering
ARUP Laboratories, Inc

“Error-proofing the Laboratory” discusses the principle sources of error in the laboratory and explores methods for reducing the error potential from each source. Practical applications of error-proofing theory will be presented along with real-world examples. Using common-sense, innovative design and enabling cultures,

laboratory professionals can reduce the potential for error and provide a safer

healthcare environment.

Sponsored by ARUP

F39. Hemolytic Disease of the Fetus and Newborn (B)

Hollie M. Reeves, DO

Assistant Medical Director of Transfusion Medicine
University Hospitals Case Medical Center

Hemolytic disease of the fetus and newborn (HDFN) is the destruction of the red blood cells of a fetus or neonate by antibodies produced by the mother. Many advances have been made over the years in testing and management of HDFN. This session will discuss the pathogenesis, diagnosis and management of HDFN with case examples provided.

F40. Diagnosing Diabetes with HbA1c in Sickle Trait Patients (I)

Chesinta Voma, PhD, MT(ASCP)^{CM}

Clinical Fellow
University of Louisville

HbA1c is increasingly used to diagnose diabetes. African Americans have a higher prevalence of Sickle Cell Trait (SCT) and type-2 diabetes (T2D) combined. Because their RBC life span is shorter, they are under-diagnosed with the current HbA1c cut-off. A more sensitive HbA1c cut-off for the diagnosis T2D in SCT subjects is required.

F41. Preparing for the BOC Exam - A Brief Review and Action Plan (I)

Charity Accurso, PhD, MT(ASCP)

Assistant Professor – Educator, MLS Program Director
University of Cincinnati

Preparing for the national examination can be a daunting task, but a little preparation will ensure that you are ready for the big day. This session will provide you with self-assessment techniques, study strategies and plans to put into place in the months prior to your examination day.

F42. Pre-analytical Variation: Challenges and Solutions (B)

Joe M. El-Khoury, PhD, DABCC, FACHB

Assistant Professor of Laboratory Medicine
Assistant Director of Clinical Chemistry Laboratory
Yale University School of Medicine

Pre-analytical variation is the leading source of errors in laboratory medicine. This presentation will provide a basic understanding of pre-analytical variation, its sources and real cases from the clinical chemistry laboratory. Attendees will also be provided with references and helpful tools for dealing with pre-analytical variation in their own laboratory.

F43. Creating Laboratory Value: Strategies to Make Your Hospital Lab an Economic Engine (I)

Michael A. Kachure

VP, Business Development
Chi Solutions, Inc.

Today's healthcare environment is forcing hospitals and health systems to seek opportunities to reduce costs and develop new revenue streams. The clinical laboratory presents opportunities for both. Strategies exist that allow leadership to do more with less and significantly have a positive impact on overall operating margin. We will overview the laboratory landscape, demonstrate potential financial impact, and offer strategies to provide a cost benefit.

F44. Transfusion Reactions: Identification, Management, and Prevention (I)

Matthew Montgomery, MD

Assistant Medical Director
Hoxworth Blood Center, University of Cincinnati

This presentation will focus on the pathophysiological and immunologic background of transfusion reactions, as well as the signs and symptoms of the most common reactions as well as their immediate management and laboratory investigation. Focus will also be given to prevention of reactions, especially in regards to proper labeling and administration practices.

F45. Under the Hematology Microscope: Peripheral Blood Smear Review (I)

Catherine Shaffner, MOL, MLS (ASCP)^{CM} SH

Education Coordinator
ProMedica

This presentation will review the proper examination of a peripheral blood smear including area to review, differentiation of white blood cells, red cell and platelet morphology. Red and white blood cell morphology commonly found in the peripheral blood will be detailed, via case presentations.

F46. Men and Testosterone (I)

Dustin R Bunch

Sr. Research Technologist
Cleveland Clinic

Secondary hypogonadism is a growing health issue for the US male population due to increases in contributing comorbidities such as metabolic syndrome, diabetes, and obesity. This talk will describe the metabolism and regulation of testosterone, tests used to identify secondary hypogonadism, diseases or medications associated with secondary hypogonadism, and recommendations for treatments.

F47. Extraordinary Results: Defining the Point of Inflection in Your Laboratory (I)

Michael A. Kachure

VP, Business Development
Chi Solutions, Inc.

Decreasing reimbursement rates and healthcare reform are creating a point of inflection for clinical laboratories. As patients become savvy, pricing strategies become more important as hospitals and health systems fight to

maintain market share. The days of hospitals experiencing a premium reimbursement for lab services may be coming to an end. But when? We will explore timing as we approach this inflection point.

F48. Demystifying Metabolic Diseases: Amino Acidopathies (B)

Amy L Pyle-Eilola, PhD, DABCC

Assistant Director, Core Laboratory
Nationwide Children's Hospital

This presentation will summarize presentation and symptoms of the most common amino acidopathies, as well as the mechanisms of diagnosis.

F49. Mechanisms in Clinical Chemistry (I)

Craig Clifford, MD, MS

Curriculum Supervisor
Ohio School of Phlebotomy

Intermediate treatment of the chemical/molecular mechanisms behind many common laboratory tests especially with regard to molecular orbital theory and the energetic processes that drive them will be discussed.

F50. Capillary Zone Electrophoresis: Principle and Methods for Protein Separation and Cases Interpretations (B)

Vincent Ricchiuti, PhD

Director, Clinical Chemistry and Toxicology
University of Cincinnati Medical Center

Electrophoresis is the process of separating and characterizing proteins in an applied electric field. Being able to look at individual proteins through electrophoresis enables doctors and scientists to determine specific genetic properties, abnormalities or disease conditions. During this session we will discuss the pros and cons of capillary zone electrophoresis versus agarose gel electrophoresis in the identification of monoclonal gammopathy such as multiple myeloma diagnosis, Waldenstrom macroglobulinemia and other cell disgrasias diseases.

2015 Ohio Collaborative Laboratory Conference

Sponsoring Organizations



*American Association of Clinical Chemistry
(AACC)*

Northeast Ohio Section Leadership

Christine Schmotzer, MD, Chair

Anne Bordner Blank, Chair-Elect

Deborah H. Sun, PhD, Secretary

David Anderson, PhD, Treasurer

Eugenio Zabaleta, PhD, Past Chair

Lisa Kubit, Program Chair

Sihe Wang, PhD, Delegate

Dustin Bunch, Internet Coordinator

Jaime Noguez, PhD Continuing Education

Ohio Valley Section Leadership

Vincent Ricchuti, PhD, Chair

Amy Pyle-Eilola, PhD, Chair-Elect

David Thornton, PhD, Secretary

Steven Cotten, PhD, Treasurer

With nearly 10,000 members, AACC is the largest international society of research oriented clinical laboratory professionals, physicians, research scientists and others in the field of clinical laboratory medicine. Founded in 1948, the society is headquartered in Washington, DC. AACC members come from a variety of employment settings: hospital labs (50%), industry (26%) and independent labs (24%). 30% of the membership is international. 23 local area sections and 13 specialty divisions focus on laboratory medicine subspecialties such as Point of Care, Pediatric Maternal Fetal, and Molecular Diagnostics, to name a few.

AACC's annual meeting and exposition is often held jointly with ASCLS and is the largest in the field of laboratory medicine attracting nearly 20,000 participants and 600 exhibitors. AACC is a major publisher of books and five major periodicals on clinical laboratory science. ***Clinical Chemistry*** is an international peer reviewed journal and is the most cited journal in the field. ***Clinical Laboratory News*** offers breaking news stories with feature articles and viewpoints from leading clinical laboratory scientists. ***Clinical Laboratory Strategies*** addresses the essentials of laboratory management and mastering change in laboratory practice. In addition to the AACC member website, a joint venture with ASCLS, Lab Tests Online (www.labtestsonline.org) has won several awards and hosts more than 700,000 visitors per month. For information on AACC visit www.aacc.org.



**American Society for Clinical Laboratory Science – Ohio
(ASCLS-Ohio)**

ASCLS- Ohio Leadership

Melanie Giusti, President

Shannon Kern, Past President

Greg Attenweiler, Senior Director

Meighan Sharp, Recording Secretary

Linda Graeter, Junior Director

Catherine Shaffner, Treasurer

Lisa Kubit, Junior Director

Marcia Lee, Senior Director

Aimee Stranyak, New Professional

Laura Hook, Senior Director

Brittany Holdheide, Student Director

Founded in 1933, ASCLS is made up of and governed by practitioners in clinical laboratory science. ASCLS-Ohio's mission is to promote the profession of clinical laboratory science in Ohio and provide beneficial services to those who practice it.

Besides serving on the board of directors, committees or scientific assemblies for ASCLS-OH, members may also choose to work with ASCLS national committees. ASCLS publishes a bimonthly journal, *Clinical Laboratory Science*, along with a monthly national newsletter, *ASCLS Today*. ASCLS-OH publishes a newsletter, *Ohio CLS Today*.

All laboratorians are invited to be members of ASCLS e.g. students, medical laboratory scientists, medical laboratory technicians, histotechnologists, histotechnicians, generalists, specialists, managers/supervisors, phlebotomists and others. Please join us at the ASCLS-OH Membership Booth or find a member at the meeting to learn more about ASCLS and ASCLS-OH, or visit our websites- www.ascls.org and www.ascls-ohio.org.

All ASCLS members including students are encouraged to join the ASCLS-Ohio leadership during the conference at the Board of Directors meeting (which will be held on Wednesday, May 6th at 7 pm) and the Member Business Meeting (which will be held on Friday, May 8th at 8 am).

Clinical Laboratory Management Association (CLMA)



First Ohio Chapter Leadership

Allen Nickels, President
Katherine Jacob, Treasurer
Rosanne Kelley, Secretary

Six Rivers Chapter Leadership

Emily Adams, President	Board of Directors
Katrina St. Clair, President-Elect	Amanda Clark
Jenny Murray, Secretary	Mary Beth Kasper
Jennifer Douglas, Treasurer	Lacy Koogler
	Ed Nartowicz

Western Lake Erie Chapter Leadership

Tom Bierley , President	Board of Directors
Al Rizzo, President-Elect	Pamela Kin, Past President
Rhonda Perry, Secretary	Karen Bodeman
Joan Benya, Treasurer	Mary Slaughter
	Bonnie VanSchoik

CLMA is an international organization whose membership is responsible for laboratories and clinical services in hospitals, healthcare networks, group practices and independent settings. The First Ohio, Six Rivers and Western Lake Erie Chapters of CLMA are professional organizations dedicated to excellence in clinical services; to enhancing professional, managerial and leadership skills; to promoting efficient, productive and high quality operations; advocating on behalf of quality patient care and chapter membership.

These Chapters provide education, regulatory information and networking opportunities. CLMA provides e-mails with the latest regulatory updates and industry trends as well as newsletters and journals to its members.

This organization is an invaluable asset for current and future laboratory leaders.

First Ohio-CLMA Leadership can be found at <http://www.clma.org/group/FOC>

Western Lake Erie-CLMA Leadership found at <http://www.clma.org/group/WLEC>

Six Rivers-CLMA Leadership can be found at <http://www.clma.org/group/SRC>

General Information

Register Early

Online registration: Visit our website at: <http://www.cvent.com/d/64qyt5>

If you are planning to attend the conference, you are strongly encouraged to register before the April 24 postmark deadline in order to take advantage of the lower early registration fees. After April 24, all registrants must pay the regular/onsite fees. Please see the complete instructions for registration adjacent to the registration form for more information.

Conference Registration

On-site registration and registration check-in will be held at the Crowne Plaza Columbus North during the following days and times:

Wednesday, May 6	12:30 pm – 5:00 pm
Thursday, May 7	8:00 am – 5:00 pm
Friday, May 8	8:00 am – 3:00 pm

Continental Breakfast

Plan to join your colleagues at the complimentary Continental Breakfast on Thursday and Friday mornings from 8:00 am- 8:30 am.

Name Badges

A name badge must be worn by all conference attendees for admission to all sessions, the Student Academic Challenge, and all breaks and food/social functions.

Continuing Education Credits

ASCLS-Ohio is an approved provider of continuing education programs by the American Society for Clinical Laboratory Science (ASCLS) P.A.C.E. ® Program. This conference offers a wide range of educational opportunities to meet your continuing education requirements. A "Certificate of Attendance" will be validated for all sessions attended.

Special Accommodations

If you have special needs that require accommodation, including any dietary restrictions (ie: vegetarian) or food allergies, please contact Laura Hook at mlt_laura@yahoo.com to make appropriate arrangements. Forty-eight (48) hour advanced notice is needed to fulfill most requests.

Special Events

Join Us for a Greet, Eat and Meet Night Wednesday, May 6 5:00 pm – 7:00 pm

The 2015 Ohio Collaborative Laboratory Conference steering committee, co-chairs, and all members invite you to a social event to kick off this special conference. The Wednesday night dinner will be included with all full registrations. This is an opportunity to catch up with friends and colleagues, make new ones, and relax before the conference swings into full gear on Thursday. **Please be sure to check the Wednesday dinner option on your registration to join us. A ticket will be included in your registration packet.**

Social Event – Thursday, May 7 7:00 pm Trivia 9:00 pm Fun at the Lanes

Join us Thursday after the vendor reception for a social event Lab Trivia event in the hotel. Then, we will be going to the Columbus Square Bowling Palace at 9:00 pm for a night of bowling. Meet

members of the sponsoring organizations and delve into the opportunities of the profession while kicking back with some gutter balls and friendly banter. The cost will be \$4.00/person/game. This price includes shoe rental. Shuttle vans will start leaving at 8:30.

Student Academic Challenge Friday, May 8 2:45 pm – 5:00 pm

The ASCLS Academic Challenge committee is looking for excited, enthusiastic MLT and MLS students to participate in the 12th annual Academic Challenge (AKA: Student Bowl). To organize your team you will need three members and one or two alternates. Team members must be registered participants for the meeting in order to qualify being on a team.

The deadline for registering your team is rapidly approaching, so get your team organized, and come join students from all around the state for an afternoon of competition and educational fun!

Vendors

The 2015 Ohio Collaborative Laboratory Conference will have many vendors present again, to show us what's new in our field. There will be demonstration vans parked outside with some of the latest Chemistry, Hematology and Immunoassay instruments. The exhibit hall will give you the opportunity to talk to numerous representatives from the different companies, so you can compare the pros and cons of different products and systems, all at the same time.

Each year these vendors help sponsor the Ohio Collaborative Laboratory Conference. They play a significant role in sponsoring speakers, breaks, and lunches, helping to make it possible for us to put on the caliber of conference we do each year. Please take time during the conference to visit with them, learn about new laboratory products, make great connections and thank them for their support.

Vendors that we will be seeing as of printing of the brochure include:

- Abbott
- Agilent Technologies
- American Proficiency Inst.
- Becton Dickenson
- Cleveland Clinic Laboratory
- Hardy Diagnostics
- Hettich Lab Technology
- Instrument Laboratory – Blood Gas
- Instrument Laboratory – Coagulation
- LabCorp
- Meridian Bioscience
- Muskingum University
- Radiometer
- Sebia
- Sysmex
- Trinity Biotech
- And many others

Please see our website for updated vendor information. We are looking forward to our annual Vendor Reception, where we can have a cocktail and appetizers with them and be able to do some serious networking.

The sponsoring organizations would like to thank you for your support.

Welcome to the 2015 Ohio Collaborative Laboratory Conference.



Charity Opportunity – All days at Registration area

Mid-Ohio Food Bank: donations received will go to Operation Feed. This organization provides assistance to low income families in Columbus. Canned food supplies or donations are welcomed.

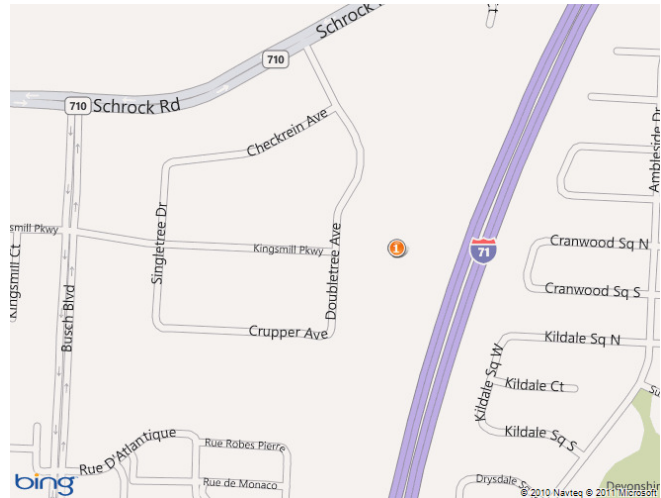
Accommodations & Directions

2015 Ohio CLC: An Investigation in Medical Laboratory Science

Guest rooms have been reserved at the Crowne Plaza for the nights of Tuesday, May 6 to Thursday, May 8 with a special rate of \$93.00 per night, plus applicable taxes (king bed or double beds) for conference attendees. These group rates are available until April 15 or they run out of rooms so be sure and book early!

To book a room at the Crowne Plaza, call 1-614-885-1885 or visit the website: <http://www.ihg.com/crowneplaza/hotels/us/en/reservation>. When making your reservation, make sure to mention that you are attending the Ohio Collaborative Laboratory Conference (CLC) and note that the group code is **LAB** (group code must be used when making reservations).

Crowne Plaza North, Columbus
6500 Doubletree Ave
Columbus, Ohio 43229
(614) 885-1885



FROM CLEVELAND AND POINTS NORTH EAST:

Take I-71 South to Exit 117. Take the right and follow signs for OH-161. Turn right onto OH-710 North/ Busch Blvd. Turn right onto Kingsmill Parkway. Arrive at 6500 Doubletree Ave.

FROM CINCINNATI:

Take I-71 North toward Columbus. Take the ramp right for I-70 East/ I-71 North toward Wheeling. At Exit 101A take ramp left for I-71 North to Cleveland. At exit 117 take the right and follow signs for OH-161. Turn right onto OH-710 North/ Busch Blvd. Turn right onto Kingsmill Parkway. Arrive at 6500 Doubletree Ave.

FROM THE WEST:

Take I-70 East toward Columbus. Keep left onto I-670 East. At exit 5B take ramp left for I-71 North toward Cleveland. Keep left onto I-71 South. At exit 117 take the right and follow signs for OH-161. Turn left onto OH-161/W/E Dublin Granville Rd. Turn right onto OH-710 North/ Busch Blvd. Turn right onto Kingsmill Parkway. Arrive at 6500 Doubletree Ave.

Registration Instructions

General Registration

Online registration and credit card payment. Check out the website at <http://www.cvent.com/d/64qyt5>. The conference registration fee includes admission to scientific sessions, refreshment breaks, lunch, Wednesday dinner and the vendor sponsor tables. Please be sure to mark whether or not you plan to attend the Wednesday Dinner on your registration form. All meals require a ticket that will be provided in your onsite registration packet. It is very important to note on the registration form what sessions you expect to be attending to ensure adequate seating. Do not select more than one session scheduled at the same time. Some sessions will be limited to a maximum seating of 30 people.

Dietary / Special Accommodations

If you have any special needs, including dietary restrictions or vegetarian needs, please contact Laura Hook at mlt_laura@yahoo.com prior to the conference to ensure adequate time for a lunch to be prepared.

Attention: Members of AACCC, ASCLS, CLMA

When completing the conference registration form, please check the appropriate member box(es) – and provide your member number for each. This will ensure that your status as a member of one (or more) of the collaboration organizations (AACCC – Northeast Ohio Section, Ohio Valley Section, ASCLS-Ohio, CLMA–First Ohio, Six Rivers, or Western Lake Erie Chapter) is recognized and member registration fees will apply. Your current membership status in the organization(s) selected will be verified.

Institutional Registration

Badges may be purchased to enable several employees from an institution to attend selected sessions during the conference without each person needing to register for a single day. The price for an institutional badge is \$265 for the first badge and \$175 for each additional badge purchased by the early registration deadline. The badges may be transferred as desired to allow maximum participation. One lunch ticket will be provided on Thursday and Friday for each badge purchased. Please provide the name of a contact individual for any questions concerning the institutional registration and to obtain a listing of those individuals who will be using the badges and the sessions they will be attending. To assist with the scheduling of staff who will be attending the conference (and to submit with the registration form or via email), please contact Rosanne Kelley at rkelly@ccf.org to request an electronic copy of the “Institutional Badge Users Session Selection Worksheet”.

Sorry, no on-site registration is available for institutional badges.

Early Registration

Early registration MUST be entered online or if mailed, postmarked on or before April 24, 2015. After this date, the higher on-site fees apply.

Refund / Cancellation Policies

Full registration fees will be refunded only if a written request is postmarked on or before April 24, 2015. A session may be cancelled if there is insufficient interest from registrants.

Questions / Need More Information?

Melanie Giusti, Chair: melanie.giusti@uc.edu

Allen Nickels: nickelsa@summahealth.org

Jane Tester: Jane.L.Tester@questdiagnostics.com

Vincent Ricchiuti: Vincent.Ricchiuti@UCHealth.com

Pam Kin: pamela_kin@mercy.com

Lisa Kubit: lkubit@clevelandheartlab.com

Catherine Shaffner: Treasurer catherine.shaffner@promedica.org

Registration Form

2015 Ohio Collaborative Laboratory Conference

You can also register online at: <http://www.cvent.com/d/64qvt5>

Name _____

Institution _____

Mailing Address _____

City / State / Zip Code _____

Phone: (Day) _____ (Evening) _____

Email Address: _____

Are you a member of AACC, ASCLS, or CLMA N Y

Are you a student? N Y

MEMBERSHIP: Check all that apply (include member #)

AACC # _____

Student # _____

ASCLS-Ohio # _____

Professional # _____

Student # _____

CLMA-1st Ohio # _____

CLMA-WLE # _____

CLMA-Six Rivers # _____

Registration Fees:	Postmark by April 24	After April 24	
Full Registration (Wed, Thurs, Fri)			
Member	\$170.00	\$220.00	\$ _____
Nonmember	\$245.00	\$295.00	\$ _____
Student Member	\$70.00	\$120.00	\$ _____
Student Nonmember	\$100.00	\$150.00	\$ _____
Institutional Badge	Please email ohioclc@gmail.com for registration information, additional instructions, and pricing.		
Please let us know if you plan to attend the Wednesday Collaboration Dinner	<input type="checkbox"/> YES, I will attend	<input type="checkbox"/> NO, I will not attend	Wed dinner included Full and Wednesday Only Registrations
Wednesday Only			
Member	\$75.00	\$100.00	\$ _____
Nonmember	\$105.00	\$130.00	\$ _____
Student Member	\$35.00	\$60.00	\$ _____
Student Nonmember	\$45.00	\$70.00	\$ _____
Thursday only <input type="checkbox"/> or Friday only <input type="checkbox"/>			
(Please ✓ day(s) attending – fees are each day)			
Member	\$90.00	\$130.00	\$ _____
Nonmember	\$125.00	\$165.00	\$ _____
Student Member	\$35.00	\$60.00	\$ _____
Student Nonmember	\$55.00	\$80.00	\$ _____

TOTAL \$ _____

Payment: by check by credit card

Card: VISA Master Card Am Express

Card Number: _____

Expiration Date: _____

Mail Check payable to: ASCLS-Ohio – CLC 2015

Mail registration form and payment to:

ASCLS-Ohio – CLC 2015

c/o Catherine Shaffner

10204 N Shannon Hills Ln

Perrysburg, Ohio 43551-2691

Please CIRCLE the sessions you plan to attend:										
Wednesday										
W1	W2	W3	W4	W5	W6	W7	W8	W9		
Thursday										
T10	T11	T12	T13	T14	T15	T16	T17	T18	T19	
T20	T21	T22	T23	T24	T25	T26	T27	T28	T29	
T30										
Friday										
F31	F32	F33	F34	F35	F36	F37	F38	F39	F40	
F41	F42	F43	F44	F45	F46	F47	F48	F49	F50	
Academic Challenge <input type="checkbox"/> Yes										

2015 Ohio Collaborative Laboratory Conference

Pam Kin
45 St. Lawrence Drive
Tiffin, OH 44883

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