

**OHIO 2013**  
**COLLABORATIVE LABORATORY**  
**CONFERENCE**



*MAY 8 – 10, 2013*  
*CROWNE PLAZA NORTH*  
*COLUMBUS, OHIO*



# You Are Invited

The Clinical Laboratory Conference Steering Committee, Program Committees, AACC-NE Ohio Section, ASCLS-Ohio and CLMA-First Ohio, Six Rivers and Western Lake Erie Chapters are pleased to extend an invitation to **YOU** to attend "**Ohio CLC 2013: An Exploration of 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**

Dustin Bunch, Co-Chair  
Melanie Giusti, Co-Chair  
Catherine Shaffner, Treasurer  
Pam Kin

Allen Nickels

Stacy Baker  
Jane Tester

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## **Vendors/Exhibit Committee**

Allen Nickels, Chair  
Paul Labbe

**Please bring this program brochure with you to the conference**

## Featured Speaker

### Welcome & Keynote Address

#### Working Together: Moving from Me to We



This year's keynote speaker is Nancy Riesz, MBA, MT(ASCP), ACC. She is President of Success Catalyst, a certified Woman Business Enterprise, which she founded in 1993. She has been teaching people how to better work together for 35+ years.

This interactive session shares specific skills and provides solutions for working better.... together. In today's world of rapid technological and social change, teamwork is not a luxury. It is a necessity. Yet, establishing teamwork in the laboratory is not always easy. It requires commitment, cooperation and effort, as well as a willingness to accept and appreciate the uniqueness of others. This presentation will explore ways to develop effective teams at work, to build team unity and strengthen team spirit and ultimately to work together...better with teammates.

## 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 9**                      **12:00 pm – 5:00 pm**

**Vendor Reception**                **5:00 pm – 7:00 pm**

**Friday, May 10**                      **9:30 am – 1:30 pm**

At various times during vendor exhibit 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

## OHIO 2013 COLLABORATIVE LABORATORY CONFERENCE

### An Exploration of Medical Laboratory Science

May 8 – May 10, 2013

#### Wednesday, May 8

12:30 – 5:00	<b>Registration</b>		
1:00 – 2:00	<b>W1</b> <b>Point of Care Testing</b> Edmunds Z. Reineks, MD,PhD	<b>W2</b> <b>Mass Spec and Automation in MICRO, you've got to be kidding!</b> Katharine Roman, MT(ASCP), SM, CIC(CBIC)	<b>W3</b> <b>Quality Planning with CMS' Individualized QC Plan</b> Sharon Ehrmeyer, PhD, MT (ASCP) <i>Sponsored by Abbott</i>
2:00 – 2:30	<b>Refreshment Break</b>		
2:30 – 3:30	<b>W4</b> <b>The Power of "Like": Social Media Marketing As A Tool For Laboratory Business Expansion</b> Scottia E. Miller, MT (ASCP)	<b>W5</b> <b>High Stakes Drug Testing in the Neonate</b> Steven W. Cotten, PhD, DABCC, NRCC	<b>W6</b> <b>Evaluation of AIDS Gene Therapy strategies by a group of High School and Community College Students in a Science enrichment program</b> Harry Kestler, PhD
3:45 – 4:45	<b>W7</b> <b>Laboratory Competency</b> Ruth Natali, MT (ASCP),SH	<b>W8</b> <b>How do we get Physicians to Order the Right Test?</b> Eugenio Zabaleta, PhD	<b>W9</b> <b>Where the data lives: Data Warehousing, Virtualization and "cloud" services in the modern Lab</b> Arkadiy Kheyfets, MS.Eng, PMP, CISSP, CCDA
5:00 – 7:00	<b>Dinner</b>		
7:00 – 9:00	<b>ASCLS-OH Board of Directors Meeting</b>		

## Program-at-a-Glance

Thursday, May 9

8:00 – 5:00	Registration			
8:00 – 8:30	Continental Breakfast			
8:30 – 9:30	<p style="text-align: center;"><b>T10</b>  <b>Lean Six Sigma:</b>  Eliminating the 3 D's (Delay, Defects, and Deviation) to Produce Better, Faster, More Profitable Results</p> <p style="text-align: center;">Denise M. O'Conner,  MT(ASCP)  <i>Sponsored by Siemens</i></p>	<p style="text-align: center;"><b>T11</b>  <b>Hemoglobin A1c for the diagnosis of diabetes</b></p> <p style="text-align: center;">Sihe Wang, PhD,  DABCC, FACB</p>	<p style="text-align: center;"><b>T12</b>  <b>Is the Current Lab Business Model at a Strategic Inflection Point?</b></p> <p style="text-align: center;">Khosrow Shotorbani, MBA,  MT(ASCP)  <i>Sponsored by ARUP Laboratories</i></p>	<p style="text-align: center;"><b>T13</b>  <b>Effective Educational Modalities in Clinical Allied Health Education</b></p> <p style="text-align: center;">Craig Clifford, MD, MS</p>
9:30 – 9:45	Refreshment Break			
9:45 – 10:45	<p style="text-align: center;"><b>Welcome &amp; Keynote Address T14: Working Together: Moving from Me to We</b></p> <p style="text-align: center;">Nancy J. Riesz, MBA, MT(ASCP), ACC</p>			
11:00 – 12:00	<p style="text-align: center;"><b>T15</b>  <b>No, really, what is this patient's blood type?!</b></p> <p style="text-align: center;">Suzanne Bakdash, MD,  MPH</p>	<p style="text-align: center;"><b>T16</b>  <b>Prenatal Screening 101</b></p> <p style="text-align: center;">Christine Wensel, MS,  CGC</p>	<p style="text-align: center;"><b>T17</b>  <b>Recurrent infections in an Adult or a Kid? It might be a PID! Clinical and Laboratory Update on Primary Immune Deficiencies</b></p> <p style="text-align: center;">Thomas S. Alexander,  PhD, D(ABMLI)</p>	<p style="text-align: center;"><b>T18</b>  <b>Pediatric Blood Sparing:</b>  An interdisciplinary quality improvement initiative to standardize and minimize blood sampling volumes and reduce pre-analytical testing errors</p> <p style="text-align: center;">Paula L. Forsythe, MSN, RN,  CNS</p>
12:00 – 1:30	Luncheon & Visit Vendors			
1:30 – 2:30	<p style="text-align: center;"><b>T19</b>  <b>Leadership in an emerging healthcare organization</b></p> <p style="text-align: center;">Jake Orville</p>	<p style="text-align: center;"><b>T20</b>  <b>You Say Apple, I say Orange, An Attempt to Standardize the Grading of Hematology Morphology</b></p> <p style="text-align: center;">Catherine Shaffner,  MLS(ASCP)SH</p>	<p style="text-align: center;"><b>T21</b>  <b>Health Care Reform Status Report – 3 years since PPACA signed into law</b></p> <p style="text-align: center;">Paul Labbe, MCLT</p>	<p style="text-align: center;"><b>T22</b>  <b>Moving on Up! Fast Track &amp; Career Paths for Phlebotomists</b></p> <p style="text-align: center;">Elaine Ewald &amp; Terrie McManes  <i>Sponsored by CompuNet Clinical Laboratories</i></p>
2:45 – 3:45	<p style="text-align: center;"><b>T23</b>  <b>How Reproductive Laboratories Differ from Clinical Laboratories</b></p> <p style="text-align: center;">Doris J. Baker, PhD, MT (ASCP), HCLD (ABB), Emb-Acad. (ACE)</p>	<p style="text-align: center;"><b>T24</b>  <b>Pediatric Phlebotomy</b></p> <p style="text-align: center;">Randy Gruhke BS, CPT, (NHA)  <i>Sponsored by Mayo Medical Laboratories</i></p>	<p style="text-align: center;"><b>T25</b>  <b>Are These Lab Values Accurate? Evaluating Laboratory Results with Specimen Quality</b></p> <p style="text-align: center;">Sandra VanVranken, MS,  MT(ASCP)SH</p>	<p style="text-align: center;"><b>T26</b>  <b>A tale of two algorithms: Laboratory diagnosis of HIV and Treponema pallidum infection.</b></p> <p style="text-align: center;">Mario J Marcon, PhD,  D(ABMM)</p>
3:45 - 4:00	Refreshment Break/Visit Vendors			
4:00 – 5:00	<p style="text-align: center;"><b>T27</b>  <b>What Next? I want or need a new job!</b></p> <p style="text-align: center;">James A. Rowe, MBA,  HT, MT (ASCP),FACHE</p>	<p style="text-align: center;"><b>T28</b>  <b>Critical Values: Cutoffs, Communication, and Impact on Care</b></p> <p style="text-align: center;">Christine Schmotzer, MD</p>	<p style="text-align: center;"><b>T29</b>  <b>Laboratory Monitoring of Heparin Therapy</b></p> <p style="text-align: center;">Kathy Shingler, MT(ASCP)  <i>Sponsored by Instrumentation Laboratory</i></p>	<p style="text-align: center;"><b>Organization Business Meeting (CLMA)</b></p>
5:00 – 7:00	Vendor Reception			

## Program-at-a-Glance

Friday, May 10

7:30 – 3:30	Registration			
7:30 – 8:30	ASCLS-OH Member Business Meeting			
8:00 – 8:30	Continental Breakfast/Networking			
8:30 – 9:30	<b>F30</b> <b>Reviewing and Revising Reference Intervals: Challenges and Options</b>  Amy L. Pyle, PhD, DABCC	<b>F31</b> <b>Rapid Identification of Blood Culture Isolates</b>  Ike Northern, MT, M(ASCP), MS	<b>F32</b> <b>Metabolic Acidosis &amp; Metabolic Alkalosis</b>  Michael D. Patterson, DO	<b>F33</b> <b>Clotting or Bleeding? A Case Study-Based Review of Hemostasis</b>  Charity Accurso, PhD MT(ASCP)
9:30 – 10:00	Refreshment Break/Visit Vendors			
10:00 – 11:00	<b>F34</b> <b>ASCP Board of Certification Examinations and Certification Maintenance Program</b>  Susan L. Wilkinson, EdD, MT(ASCP)SBB <sup>CM</sup>	<b>F35</b> <b>Controlling Genetic Test Send Out Volume</b>  Patty Taneja, M.S, CGC	<b>F36</b> <b>Trauma Packs &amp; Massive Transfusions, What to Do?</b>  Suzanne H. Butch, MA, MLS(ASCP) <sup>CM</sup> SBB <sup>CM</sup>	<b>F37</b> <b>Blood Gases – Let’s Get Clinical</b>  Erik Gallion, RCP/RRT
11:15 – 12:15	<b>F38</b> <b>Drug Screening for Pain Management</b>  Binit J. Shah, MD	<b>F39</b> <b>Molecular Genetics of Myeloproliferative Neoplasms and Myelodysplastic – New Discoveries Explain Old Observations</b>  J. Lynne Williams, PhD, MLS	<b>F40</b> <b>Develop a Business Case That Will Get Your Initiative Funded</b>  M. Susan Stegall, MBA, MHSA, MT(ASCP)	<b>F41</b> <b>A review of antimicrobial susceptibility testing methods</b>  Joel Mortensen, MLT (AMT), PhD <i>Sponsored by Meridian Bioscience</i>
12:15 – 1:30	Lunch/Vendor Exhibits			
1:30 – 2:30	<b>F42</b> <b>Laboratories in Developing Countries: A Cambodian Experience</b>  B. Laurel Elder, PhD	<b>F43</b> <b>Vaccination Is Not Immunization</b>  Kathy V. Waller, PhD, MLS	<b>F44</b> <b>What to do with the new technology and molecular methods in clinical microbiology?!</b> Joel Mortensen, MLT (AMT), PhD <i>Sponsored by Meridian Bioscience</i>	<b>F45</b> <b>Leukemia Case Studies: the Good, the Bad and the Ugly</b>  Roslyn McQueen, PhD, CCRC
2:30 – 2:45	Refreshment Break			
2:45 – 3:45	<b>F46</b> <b>iPath touch: The Value of Touch Imprints in Pathology</b>  Samir B. Kahwash, MD	<b>F47</b> <b>Project Management Made Easy plus Fundamentals</b>  M. Susan Stegall, MBA, MHSA, MT(ASCP)	<b>F48</b> <b>Interferon Gamma Release Assays (IGRAs) in the Diagnosis of Tuberculosis</b>  Richard B. Clark, PhD, D(ABMM) <i>Sponsored by Quest Diagnostics</i>	<b>F49</b> <b>Blood Product utilization &amp; Wastage</b>  Bob Reigle, MLS (ASCP)
2:30 – 5:00	Academic Challenge & Student Mixer			

# Session Abstracts 2013

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

## **W1 Point Of Care Testing (B)**

### **Edmunds Z. Reineks, MD, PhD**

Medical Director of Point of Care Testing and Automated Chemistry  
Cleveland Clinic

Several case studies in point of care testing will be presented to illustrate problems or issues related to this type of testing.

## **W2 Mass spec and automation in micro, you’ve got to be kidding! (I)**

### **Katharine Roman, MT(ASCP),SM, CIC(CBIC)**

Manager, Microbiology Laboratory  
University Hospitals Case Medical Center

An overview of what MALDI-TOF is, how MALDI-TOF fits into our current microbiology laboratory workflow and what future state microbiology laboratories will look like with MALDI-TOF plus total lab automation.....like a chemistry lab???

## **W3 Quality Planning with CMS’ Individualized QC Plan (B)**

### **Sharon Ehrmeyer, PhD, MT (ASCP)**

Professor, Pathology and Laboratory Medicine  
Director, Clinical Laboratory Science  
University of Wisconsin-Madison

In March, 2012, CMS announced its new QC policy, Individualized Quality Control Plans (IQCP), based on risk management concepts. IQCP will replace (2015?) the current EQC policy for sites using manufacturers’ built-in assessments. According to CMS, IQCP permits test sites to customize quality assessments to their test systems and testing situations. This presentation will discuss IQCP and its development process.

*Sponsored by Abbott*

## **W4 The Power of “Like”: Social Media Marketing As A Tool For Laboratory Business Expansion (B)**

### **Scottia E. Miller, MT (ASCP)**

Medical Technologist II  
The Christ Hospital

As the relatively new idea of social media begins to expand, it has become increasingly important for businesses to get on board. Social Media Networking is no longer only present in the home, but in the professional world as well. The Power of “Like” Session will introduce social media marketing from a laboratory perspective, and will include strategic tactics for success such as online recruitment tools, tracking your impact, going above and beyond the competition, establishing goals, and ways to effectively reach out to potential customers in the online world.

## **W5 High Stakes Drug Testing in the Neonate (B)**

### **Steven W. Cotten, PhD, DABCC, NRCC**

Assistant Professor Pathology  
Ohio State University Wexner Medical Center

Drug testing in newborns comes with analytical, therapeutic, and legal issues, and interpretation of results may be left to physicians, nurses, or social services workers. The unique analytical and legal caveats pose a variety of challenges and therapeutic issues for providers because laboratory results can potentially remove newborns from their biological parents.

## **W6 Evaluation of AIDS Gene Therapy strategies by a group of High School and Community College Students in a Science enrichment program. (B)**

### **Harry Kestler, PhD**

Professor of Microbiology  
Lorain County Community College

Seven years ago, a scientific learning community was developed around an HIV research project. Since then over 25 undergraduate students and over 20 high schools have participated. The students are looking into the nature of natural mutations of CCR5 a co-receptor

for HIV and mediator of inflammatory signals. The students constructed expression vectors for examining the effect of the alleles.

## **W7 Laboratory Competency (I)**

### **Ruth Natali, MT (ASCP), SH**

Core Lab Operations Manager  
University Hospitals Case Medical Center

This session will serve as a guide to fulfilling CAP Competency requirements. We will define the essential elements required to fulfill the CAP competency requirements and discuss ways to design “test systems” that fit your laboratory’s structure. Specific examples of successful methods to document all elements of competency assessment will be shared.

## **W8 How do we get physicians to order the right test? (B)**

### **Eugenio H. Zabaleta, PhD**

Clinical Chemist  
MedCentral Health System

Healthcare reform seeks to make expenditures more efficient and targeted, among other things. Through the implementation of Information Technology (IT) Health Care Institutions have the potential to improve laboratory test utilization, improve patient safety, decrease errors and reduce length of stay, all of which are metrics that can be used in assessing implementation of reforms.

## **W9 Where the data lives: Data Warehousing, Virtualization and “cloud” services in the modern Lab (I)**

### **Arkadiy Kheyfets, MS.Eng, PMP, CISSP, CCDA**

Director of IT  
Cleveland HeartLab Inc.

Outline of Information Systems layout in the modern mid-range clinical laboratory. Minimizing IT footprint and decreasing cost while increasing systems and services availability due to making smart choices. This presentation will cover which systems to virtualize, which systems and services to move to the cloud and how to make data flow secure and reliable in between.

## **T10 Lean Six Sigma: Eliminating the 3 D’s (Delay, Defects, and Deviation) to Produce Better, Faster, More Profitable Results (B)**

## **Denise M. O’Conner, MT(ASCP), Six Sigma Black Belt, Lean Healthcare Certified**

Senior Manager, Healthcare Solutions  
Siemens Healthcare Diagnostics, Inc.

Lean Six Sigma is becoming a necessity for survival in the healthcare industry. Pressure is constantly increasing to provide the highest quality results in a shorter time frame at the lowest possible cost. Gain an understanding of the fundamentals and tools of Lean Six Sigma, how these tools and principles are used to drastically reduce defects, delays and deviation, and how to sustain improvements once they are implemented.

*Sponsored by Siemens*

## **T11 Hemoglobin A1c for the diagnosis of diabetes (B)**

### **Sihe Wang, PhD, DABCC, FACB**

Head, Section of Clinical Biochemistry  
Cleveland Clinic

Though blood hemoglobin A1c has been accepted as a diagnostic test for diabetes there are issues with this biomarker that both the Laboratorians and clinicians need to be aware of. In this presentation, pros and cons of using HgbA1c for diagnosis of diabetes will be discussed. Current available methods of measuring HgbA1c will also be presented.

## **T12 Is the Current Lab Business Model at a Strategic Inflection Point? (B)**

### **Khosrow Shotorbani, MBA, MT(ASCP)**

Vice President, Director of Business Innovations  
ARUP Laboratories

Coordinating primary care services and facilitating collaboration across different providers and organizations are key objectives of patient-centered medical homes and accountable care organizations (ACOs) under healthcare reform. Understanding how these two models redefine the economic value of diagnostic testing where patient care is integrated and value is rewarded over volume helps bring into clearer focus a shifting paradigm for lab organizations, which will result in new industry winners and losers.

*Sponsored by ARUP Laboratories*



## **T13 Effective Educational Modalities in Clinical Allied Health Education (B)**

**Craig Clifford, MD, MS**

Clinical Medical Assisting Instructor  
Ohio School of Phlebotomy

The Ohio School of Phlebotomy's (OSP) clinical medical assisting instructor discusses the problems and solutions to educational differentials in diverse student populations. Enlisting the aid of an early education and development teacher an objective non-stratified paradigm is presented in order to equally engage the students from all educational backgrounds.

## **T14 KEYNOTE: Working Together: Moving from Me to We (B)**

**Nancy J Riesz, MBA, MT(ASCP), ACC**

President  
Success Catalyst

In today's world of rapid technological and social change, teamwork is not a luxury. It is a necessity. Yet, establishing teamwork in the laboratory is not always easy. It requires commitment, cooperation and effort, as well as a willingness to accept and appreciate the uniqueness of others. This inter-active session shares specific skills and provides solutions for working better.... together.

## **T15 No, really, what *is* this patient's blood type?! (I)**

**Suzanne Bakdash, MD, MPH**

Staff Physician, Sections of Transfusion Medicine and Hemostasis & Thrombosis  
Cleveland Clinic

ABO blood types are determined by identifying and comparing ABO antigens on a patient's red blood cells (forward typing) with antibodies in their plasma (reverse typing). Blood type discrepancies arise when the forward and reverse types don't match! This presentation will review the fundamentals of ABO blood type determination and discuss case examples of ABO typing discrepancies.

## **T16 Prenatal Screening 101 (B)**

**Christine Wensel, MS, CGC**

Genetic Counselor  
University Hospitals Case Medical Center – Center for Human Genetics Laboratory

Prenatal Screening has come a long way in 30 years. From maternal serum alpha fetoprotein (MSAFP) alone for neural tube defect screening only (NTD), the addition of analytes to screen for Down syndrome and now to the use of free fetal DNA in maternal plasma to screen for chromosome abnormalities, the prenatal screening world remains full of choices.

## **T17 Recurrent infections in an Adult or a Kid? It might be a PID! Clinical and Laboratory Update on Primary Immune Deficiencies (I)**

**Thomas S. Alexander, PhD, D(ABMLI)**

Immunologist  
Summa Health System

Over 150 primary immune deficiencies (PID) have been described. These diseases are associated with diagnostic dilemmas and confusing board questions. This talk describes the major classes of PIDs, the more common PIDs, and presents diagnostic algorithms, including newer molecular assays. Clinical case presentations will be used to highlight specific diseases.

## **T18 Pediatric Blood Sparing: An interdisciplinary quality improvement initiative to standardize and minimize blood sampling volumes and reduce pre-analytical testing errors. (I)**

**Paula L. Forsythe, MSN, RN, CNS**

Clinical Nurse Specialist for Neonatal Services  
Rainbow Babies and Children's Hospital, University Hospitals Case Medical Center

Pediatric Blood Sample Guidelines were standardized for more than 50 of the most frequent/essential pediatric blood tests, including blood bank specimens. Guidelines include appropriate tube selection and special handling requirements. This interdisciplinary, problem-solving approach resulted in improvement in the quality and safety of specimen collection, improved communication between disciplines, and reduced pre-analytical test errors.

## **T19 Leadership in an emerging healthcare organization (B)**

### **Jake Orville**

CEO  
Cleveland HeartLab, Inc.

How to engage and make an emotional connection with employees in a high growth, high paced environment.

## **T20 You Say Apple, I say Orange, An Attempt to Standardize the Grading of Hematology Morphology (I)**

### **Catherine Shaffner, MLS(ASCP)<sup>CM</sup>SH**

Education Coordinator  
ProMedica

Ideally, within a laboratory, standardized definitions and reporting format should be employed – but are they? How do you even attempt to ensure everyone calls an apple an apple? All major aspects of red cell morphology are reviewed in this richly illustrated interactive course that uses numerous photomicrographs to identify and heighten study of morphologic abnormalities in red cell size, shape, and color. This course is ideal for review by techs and students and use in continuing education and cross training.

## **T21 Health Care Reform Status Report – 3 years since PPACA signed into law (I)**

### **Paul Labbe, Masters in Clinical Laboratory Technology (MCLT)**

V.P. Hospital Solutions  
CompuNet Clinical Laboratories

Discussion/debate of the Patient Protection and Affordable Care Act (PPACA) and the changes and impact to the initial reform proposals along with the deletions, revisions to be expected from such a comprehensive package of reforms. The PPACA was signed into law on March 23, 2010 and the US Supreme Court upheld the constitutionality of most of the PPACA on June 28, 2012. Review of what is in place and what is still planned for implementation will be presented.

## **T22 Moving on Up! Fast Track & Career Paths for Phlebotomists (I)**

### **Elaine Ewald**

VP Specimen Collection & Processing  
CompuNet Clinical Laboratories

### **Terrie McManes**

Director Patient Services  
CompuNet Clinical Laboratories

This program will outline the use of Career Path and Fast Track to reward phlebotomists for achieving increasing skills levels and experience in both inpatient and outpatient setting.

*Sponsored by CompuNet Clinical Laboratories*

## **T23 How Reproductive Laboratories Differ from Clinical Laboratories (I)**

### **Doris J. Baker, PhD, MT (ASCP), HCLD (ABB), Emb-Acad. (ACE)**

Professor  
University of Kentucky

Discussion of the differences and similarities between reproductive laboratories and clinical laboratories. Topics include the andrology and embryology procedures performed, such as semen analysis, in vitro fertilization, gamete and embryo cryopreservation, numbers of each facility type, specific personnel requirements, and the regulatory/certification agencies involved.

## **T24 Pediatric Phlebotomy (I)**

### **Randy Gruhlke BS, CPT, (NHA)**

Associate Program Director – Phlebotomy Program,  
Mayo School of Health Sciences  
Education Specialist – Clinical Core Laboratory Services  
Mayo Clinic

This presentation will reveal the intricacies related to pediatric phlebotomy; included in the discussion, the relevance and effectiveness of communication with the pediatric patient, the role the parents play in pediatric phlebotomy, collection equipment choices, techniques, restraints and specimen concerns including collection volumes and the value of a dedicated pediatric phlebotomy staff.

*Sponsored by Mayo Medical Laboratories*

## **T25 Are These Lab Values Accurate? Evaluating Laboratory Results with Specimen Quality (I)**

**Sandra VanVranken, MS, MT(ASCP)SH**

Laboratories Compliance Manager  
The Ohio State University Wexner Medical University  
Center

This presentation reviews a variety of pre-analytical conditions that can lead to inaccurate laboratory results. The participants will discuss how problems with specimen quality directly correlate to extreme laboratory results. Many case studies in specimen quality will be discussed, along with typical laboratory results that are produced. Examples include; IV contaminated specimens, hemolyzed specimens, clotted specimens, improper temperatures for storage, effect of anticoagulation, etc.

## **T26 A tale of two algorithms: Laboratory diagnosis of HIV and Treponema pallidum infection. (I)**

**Mario J Marcon, PhD, D(ABMM),**

Director, Clinical/Molecular Microbiology, Virology,  
Immunoserology Labs  
Nationwide Children's Hospital  
Clinical Professor of Pediatrics and Pathology  
Ohio State University College of Medicine

Laboratory diagnosis of HIV and Treponema pallidum infections have traditionally relied on serologic "screening" assays followed by supplemental serologic tests to establish the diagnosis. Such traditional "2-step" algorithms generally call for performing a less complex test first followed by a more technologically complex test if the initial test is positive. Such an approach often leads to delays in reporting of final test results and thus may negatively impact patient care. Recent studies have supported the use of 4th generation antibody/antigen screening EIAs coupled with alternative serologic tests to replace Western blot for confirming HIV infection, as well as the use of nucleic acid amplification diagnostic tests. Similarly, a so-called "reverse algorithm" for T. pallidum infection, whereby a treponemal test is performed first to be followed by a nontreponemal test if positive, has been studied for the serologic diagnosis of syphilis. This presentation will provide an update to available current guidelines for diagnosis of HIV and T. pallidum infection.

## **T27 What Next? I want or need a new job! (B)**

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

Operations Manager  
AmeriPath (A Division of Quest)

Tips and experiences on the job search, the telephone interview, and even some thoughts on what to think about if you are placed on corrective action or let go from your job.

## **T28 Critical Values: Cutoffs, Communication, and Impact on Care (B)**

**Christine Schmotzer, MD**

Director of Clinical Chemistry  
University Hospitals Case Medical Center

Critical value communication is a key focus of The Joint Commission National Patient Safety Goals. This session will cover common critical values challenges including identification of resources for determining critical value cutoffs; comparison of models for communication and documentation of critical results (call centers, automated notification systems, or bench technologists); and current recommendations on benchmark notification times and repeating critical tests results.

## **T29 Laboratory Monitoring of Heparin Therapy (I)**

**Kathy Shingler, MT(ASCP)**

Clinical Hemostasis Specialist  
Instrumentation Laboratory

This session will discuss heparin anticoagulant therapy and the challenges the laboratory faces in determining a true therapeutic range and meeting guidelines. Various methods for establishing a range are discussed as well as the value for monitoring heparin using Anti-Xa. Monitoring with Anti-Xa has been shown that patients are within therapeutic range faster than monitoring with APTT. Discussion will take place as to how your lab can transition to this method of heparin monitoring.

***Sponsored by Instrumentation Laboratory***

### **F30 Reviewing and Revising Reference Intervals: Challenges and Options (B)**

**Amy L. Pyle, PhD, DABCC**

Assistant Director of Core Laboratory  
Nationwide Children's Hospital

Establishing and renewing reference intervals can be a challenge to laboratorians, so that many just blindly use existing or published ranges. There's a better way, though, and it can be accomplished without too much work. This talk will review the principles of establishing, verifying, and transferring reference intervals.

### **F31 Rapid Identification of Blood Culture Isolates (I)**

**Ike Northern, MT, M (ASCP), MS  
Microbiology**

Director of Infectious Disease Testing  
CompuNet Clinical Laboratories

Rapid identification of blood culture isolates can have a major impact on patient care, patient outcome, and length of hospital stay. There are numerous options for performing rapid identification on these isolates. This talk will discuss these options, taking into consideration the sensitivity, ease of use, and cost.

### **F32 Metabolic Acidosis & Metabolic Alkalosis (I)**

**Michael D. Patterson, DO**

Vice President, Chief Medical Officer  
MedCentral Health System

Although buffers in the body fluids help resist changes in the pH of body fluids, the respiratory system and the kidneys regulate the pH of the body fluids. Malfunctions of either the respiratory system or the kidneys can result in acidosis or alkalosis with life threatening consequences. This talk will explore the causes and effects of metabolic acidosis and alkalosis, as well as the body's compensation mechanisms

### **F33 Clotting or Bleeding? A Case Study-Based Review of Hemostasis (I)**

**Charity Accurso, PhD MT(ASCP)**

Interim Program Director, Medical Laboratory Science Program  
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.

### **F34 ASCP Board of Certification Examinations and Certification Maintenance Program (I)**

**Susan L. Wilkinson, EdD, MT(ASCP)SBB**

Interim Department Head, Analytical and Diagnostic Sciences, College of Allied Health Sciences, and Associate Professor Emerita  
University of Cincinnati

The ASCP Board of Certification criterion-referenced examination model and the computer adaptive testing strategy will be reviewed. Statistics for the MLT, MLS and DLM examinations will be reviewed over a 10-year period. These statistics will include: numbers of individuals who took the exam, percentages of those who successfully achieved certification, and the percentage of NAACLS 1st time test takers who successfully achieved certification. Various routes to take the MLT, MLS and DLM examinations will be reviewed and the Certification Maintenance Program will be described.

### **F35 Controlling Genetic Test Send Out Volume (I)**

**Patty Taneja, MS, CGC**

Supervisor  
Center for Human Genetics Laboratory - University Hospitals of Cleveland

Genetic testing is more available and more affordable than ever. No lab offers a comprehensive test menu, thus sending samples to other laboratories is a common practice. Paired with increasing issues with insurance coverage, a tug of war exists between appropriate ordering and resource allocation. This talk highlights the practices put into place to address this, and the lessons learned.

### **F36 Trauma Packs & Massive Transfusions, What to Do? (I)**

**Suzanne H. Butch, MA, MLS(ASCP)<sup>CM</sup>,  
SBB<sup>CM</sup>**

Administrative Manager, Blood Bank & Transfusion Service and Compliance Manager  
University of Michigan Hospitals & Health Centers

This session will review the benefits and challenges associated with protocols for trauma packs and massive transfusions for both large and smaller institutions.

### **F37 Blood Gases – Let’s Get Clinical (I)**

#### **Erik Gallion, RCP/RRT**

Manager Cardiac/Vascular and Pulmonary Services  
MedCentral Health System

Normal blood pH must be maintained within a narrow range of 7.35-7.45 to ensure the proper functioning of metabolic processes and the delivery of the right amount of oxygen to tissues. This talk will review acid-base disorders due to lung diseases or conditions that affect normal breathing, and cause changes in the CO<sub>2</sub> concentration.

### **F38 Drug Screening for Pain Management (I)**

#### **Binit J. Shah, MD**

Senior Instructor, Departments of Anesthesiology & Psychiatry  
University Hospitals Case Medical Center

Review of clinical indications and current guidelines for when a Urine Drug Screen would be indicated in a patient. A review of risk stratification and frequency of screening will be presented.

### **F39 Molecular Genetics of Myeloproliferative Neoplasms and Myelodysplastic – New Discoveries Explain Old Observations (I)**

#### **J. Lynne Williams, PhD, MLS**

Professor & Program Director, Biomedical Diagnostic & Therapeutic Sciences  
Oakland University

Improved molecular analyses over the past several years have resulted in the identification of new genes involved in myelodysplastic syndromes and myeloproliferative neoplasms. A better understanding of the molecular basis of these disorders is resulting in new therapeutic approaches.

### **F40 Develop a Business Case That Will Get Your Initiative Funded (I)**

#### **M. Susan Stegall, Certified Management Consultant, MBA, MHSA, MT(ASCP)**

Owner & CEO  
M. S. Stegall & Associates, LLC

In this era of Accountable Care, Hospital providers will be facing significant revenue shrinkage from all payers. As revenue dries up, so does internal funding for new capital initiatives. Internal competition for scarce capital dollars will be fierce. This session will teach you how to develop compelling business cases and present them to senior leadership to obtain required funding.

### **F41 A review of antimicrobial susceptibility testing methods (I)**

#### **Joel Mortensen, MLT (AMT), PhD**

Director, Diagnostic Infectious Diseases Testing Laboratories  
Cincinnati Children's Hospital  
Professor, Department of Pathology and Laboratory Medicine  
University of Cincinnati

One area of clinical microbiology has more impact on the care of our patients, yet may get the least attention. In the era of fewer new antibiotics and more antibiotic resistance, every medical technologist needs to understand the basics of the methods used today. Each method or system has its own strengths and weaknesses - which one is the right one? This session will review the methods and kinds of results in this critical area of microbiology.

*Sponsored by Meridian Bioscience*

### **F42 Laboratories in Developing Countries: A Cambodian Experience (B)**

#### **B. Laurel Elder, PhD**

Associate Professor  
Pathology Department, Boonshoft School of Medicine,  
Wright State University

Cambodia has faced tremendous challenges, including genocide and civil unrest, as it strives to develop a health care infrastructure. Laboratories in Cambodia are just now beginning to develop into facilities that will support patient care. This talk will share one microbiologist's three-month experience helping to train microbiologists in Cambodia as a volunteer with the Diagnostic Microbiology Development Program.

### **F43 Vaccination Is Not Immunization (I)**

#### **Kathy V. Waller, PhD, MLS(ASCP)**

Associate Professor  
The Ohio State University

Whether or not to vaccinate one's child is a critical decision a parent must make. Newborns and babies have not yet developed the neurological system, yet may be subjected to 22 vaccines by 6 months of age and 68 total vaccines by 12 years. In this session, participants will discuss the risks and benefits of vaccines.

### **F44 What to do with the new technology and molecular methods in clinical microbiology?! (I)**

#### **Joel Mortensen, MLT (AMT), PhD**

Director, Diagnostic Infectious Diseases Testing Laboratories  
Cincinnati Children's Hospital  
Professor, Department of Pathology and Laboratory Medicine  
University of Cincinnati

We are on the cusp of the biggest change in clinical microbiology since Louis Pasteur declared that life did not arise spontaneously! There are more technologies and methodologies coming down the microbe road than at any time before.....but which ones will add value to the care of patients and which ones can we afford?

*Sponsored by Meridian Bioscience*

### **F45 Leukemia Case Studies: the Good, the Bad and the Ugly (I)**

#### **Roslyn McQueen, PhD, CCRC**

Certified Clinical Research Coordinator  
Hurley Medical Center

A number of leukemia cases will be introduced and discussed as to 1) morphologic presentation 2) laboratory data and 3) final diagnosis. Open discussion is encouraged.

### **F46 iPath touch: The Value of Touch Imprints in Pathology (I)**

#### **Samir B. Kahwash, MD**

Vice Chair for Education, Department of Pathology  
Nationwide Children's Hospital

This presentation will focus on the value and utilization of touch imprint interpretation in Clinical and Surgical Pathology.

### **F47 Project Management Made Easy plus Fundamentals (B)**

#### **M. Susan Stegall, Certified Management Consultant, MBA, MHSA, MT(ASCP)**

Owner & CEO

M. S. Stegall & Associates, LLC

When managing a project, every day of delay is costly. Issues become barriers to implementations. Scope expansion delays implementation and destroys a project's return on investment. Effective project management supports your organization and enables the people within to orchestrate a multitude of initiatives in a professional and realistic manner. Project management, when done right, enables progress--responsibility, accountability, and success.

### **F48 Interferon Gamma Release Assays (IGRAs) in the Diagnosis of Tuberculosis (I)**

#### **Richard B. Clark, PhD, D(ABMM)**

Scientific Director of Microbiology/Virology  
Quest Diagnostics Nichols Institute, Chantilly

This presentation will review the role of Interferon Gamma Release Assays (IGRAs) in detecting both latent and clinical disease due to Mycobacterium tuberculosis. Included will be a discussion as to the sensitivity and specificity of these assays (Quantiferon and T-Spot) in detecting TB infections. Recommendations as to when to use the IGRAs will be discussed.

*Sponsored by Quest Diagnostics*

### **F49 Blood Product utilization & Wastage (B)**

#### **Bob Reigle, MLS (ASCP)**

Transfusion Services Supervisor

MedCentral Health System - Mansfield Hospital

Transfusion of blood products, including whole blood, red blood cells, platelets, plasma and cryoprecipitate, is an essential part of patient care. Although there are many clinical practice guidelines for blood product usage, the lack of strong evidence supporting specific practices often leads to overuse of blood products. With millions of blood products transfused each year in the United States, improving utilization and decreased wastage it is a critical aspect of transfusion medicine.

## Ohio Clinical Laboratory Collaborative 2013 Sponsoring Organizations



### *American Association of Clinical Chemistry (AACC)*

#### **North Eastern Ohio AACC Leadership**

**Eugenio Zabaleta, PhD, Chair**

-MedCentral Health System

**Lisa Kubit, Past Chair, Program Chair**

-Cleveland HeartLab, Inc.

**David Anderson, PhD, Treasurer**

-Cleveland State University

**Christine Schmotzer, MD, Chair Elect**

-UH Case Medical Center

**Sihe Wang, PhD, Delegate**

-Cleveland Clinic

**Dustin Bunch, Continuing  
Education/Website Coordinator**

-Cleveland Clinic

**Anne Bordner Blank, Secretary**

-Cleveland Clinic

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](http://www.labtestsonline.org)) has won several awards and hosts more than 700,000 visitors per month. For information on AACC visit [www.aacc.org](http://www.aacc.org).

**Northeast Ohio AACC Leadership can be found at:**

[http://www.aacc.org/members/committees/local\\_section/Pages/LSNEO.aspx](http://www.aacc.org/members/committees/local_section/Pages/LSNEO.aspx)

## Ohio Clinical Laboratory Collaborative 2013 Sponsoring Organizations

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



#### **ASCLS- Ohio Leadership**

**Stacy Baker, Interim President**

-Galloway, Ohio

**Shannon Kern, Recording Secretary**

-Proctorville, Ohio

**Catherine Shaffner, Treasurer**

-Perrysburg, Ohio

**Laura Hook, Senior Director**

-Canal Winchester, Ohio

**Melanie Giusti, Senior Director**

-Florence, Kentucky

**Greg Attenweiler, Senior Director**

-Dayton, Ohio

**Sheila Ng, Junior Director**

-Toledo, Ohio

**Linda Graeter, Junior Director**

-Waynesville, Ohio

Founded in 1933, ASCLS is made up of and governed by practitioners in clinical laboratory science. ASCLS-OH'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. clinical laboratory scientists, clinical laboratory technicians, histotechnologists, histotechnicians, generalists, specialists, managers/supervisors, phlebotomists and others. Please join us at the ASCLS-OH Membership Booth to learn more about ASCLS and ASCLS-OH or visit our websites- [www.ascls.org](http://www.ascls.org) and [www.ascls-ohio.org](http://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 8<sup>th</sup> at 7pm) and the Member Business Meeting (which will be held on Friday May 10<sup>th</sup> at 7:30am).



# Ohio Clinical Laboratory Collaborative 2013 Sponsoring Organizations

## *Clinical Laboratory Management Association (CLMA)*



### **First Ohio Chapter Leadership**

**Allen Nickels, President**  
**Louise Headley, Past President**  
**Katherine Jacob, Treasurer**  
**Rosanne Kelley, Secretary**

**Board of Directors:**  
**Clive Hamlin**  
**Pat Webster**  
**Jean Komraus**  
**Ed Lorson**

### **Six Rivers Chapter Leadership**

**Jane Tester, President**  
**Emily Adams, President-Elect**  
**Kathy Good, Past President**  
**Lena Alvis, Secretary**  
**Wanda Broerman, Treasurer**

**Board of Directors:**  
**Mary Beth Kasper**  
**Richard Kuertz**  
**Jennifer Douglas**  
**Jenny Murray**

### **Western Lake Erie Chapter Leadership**

**Pamela Kin, President**  
**Tom Bierley, President-Elect**  
**Mary Slaughter, Secretary**  
**Joan Benya, Treasurer**

**Board of Directors:**  
**Rhonda Perry, Past President**  
**Brad Stotz**  
**Karen Bodeman**  
**Bonnie Van Schoik**

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/3cgcvr>

If you are planning to attend the conference, you are strongly **encouraged to register before the April 26<sup>th</sup> postmark deadline** in order to take advantage of the lower early registration fees. After April 26th, 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 Areas Hours

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

<b>Wednesday, May 8</b>	<b>12:30 pm – 5:00 pm</b>
<b>Thursday, May 9</b>	<b>8:00 am – 5:30 pm</b>
<b>Friday, May 10</b>	<b>7:30 am – 3:30 pm</b>

## 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

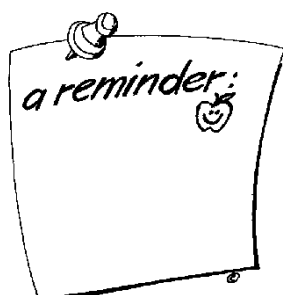
A name badge must be worn by all conference attendees for admission to all sessions, the Student Academic Challenge, and all breaks and food/social functions.

## Documentation of Continuing Education

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.

## Dietary/Special Accommodations

If you have special needs that require accommodation (including dietary allergies and vegetarian), contact Laura Hook at [mlt\\_laura@yahoo.com](mailto:mlt_laura@yahoo.com) to make appropriate arrangements. Forty-eight (48) hour advanced notice is needed to fulfill most requests.



**SAVE THE DATE!**

**OHIO 2014 COLLABORATIVE LABORATORY CONFERENCE**

**May 7<sup>th</sup> – 9<sup>th</sup>**

**Columbus, OH**

# Special Events

## Join Us for a Greet, Eat and Meet Night

Wednesday, May 8 5:00pm – 7:00pm

The Ohio 2013 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 make certain to check the Wednesday dinner on your registration so that we may plan for your meal.**

## Vendor Exhibits and Reception

Thursday, May 9 Exhibits starting at 12:00pm. Reception- 5:00 pm – 7:00 pm

Friday, May 10 Exhibits 9:30 am – 1:30 pm

## Social Event- Fun at the Lanes

Thursday, May 9 8:00pm

Join us Thursday after the vendor reception for our social event outside of the CLC conference. We will be going to the Columbus Square Bowling Palace at 8:00 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 approximately \$3.50/person/game. This price includes shoe rental.

## Student Academic Challenge

Friday, May 10 2:30 – 5:00 p.m.

The ASCLS Academic Challenge committee is looking for excited, enthusiastic MLT/MLS students to join in participating in the 10<sup>th</sup> 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.

As last year's winner, Southwest General will be defending their title at the competition this year. 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 educational FUN!

## Charity Opportunity – Canned Food Drive

All days at Registration area

Mid-Ohio Food Bank- non-perishable food and monetary donations will be accepted on-site or visit the link below and select the CLC 2013 button:

[http://fooddrive.midohiofoodbank.org/site/TR/FundraisingEvent/General?px=1044441&pg=personal&fr\\_id=1140](http://fooddrive.midohiofoodbank.org/site/TR/FundraisingEvent/General?px=1044441&pg=personal&fr_id=1140)

# Vendors

The Collaborative Laboratory Conference for 2013 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 systems, all at the same time.

Each year these vendors help sponsor the Clinical 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 include:

- ARUP Laboratories
- Beckman Coulter
- BD
- Instrumentation Laboratories
- LabCorp
- M.S. Stegall & Associates
- Ortho-Clinical Diagnostics Inc.
- Roche
- RROS iScrHoc Healthcare
- Siemens Diagnostics
- Siemens Water
- Sysmex
- W.E.L. Instrument Company
- And many others

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 2013 Collaborative  
Laboratory Conference!**



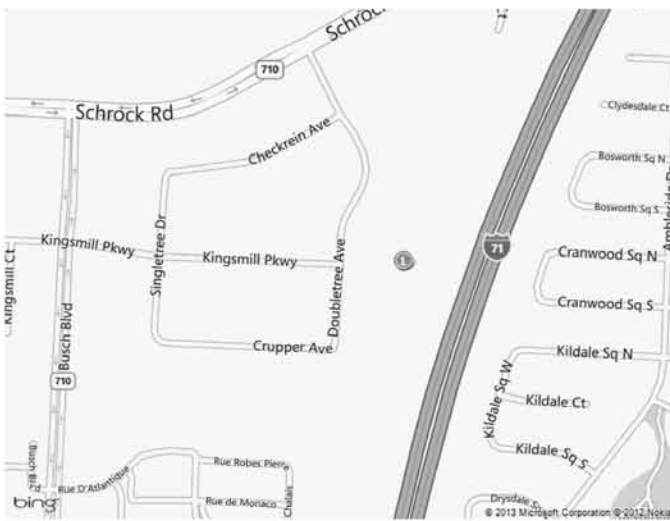
# Accommodations & Directions

## Ohio CLC 2013: An Exploration of Medical Laboratory Science

Guest rooms have been reserved at the Crowne Plaza for the nights of Tuesday May 7th to Thursday, May 9th with a special rate of \$89.00 per night, plus applicable taxes (king bed or double beds) for conference attendees. These group rates are available until April 26th or they run out of rooms so be sure and book early!

To book a room at the Crowne Plaza - call the Crowne Plaza at 1-614-885-1885. State when making your reservation that you are attending the Ohio Collaborative Laboratory Conference (CLC) and note that the group code is **CBL** (group code must be used when making reservations).

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



### **FROM CLEVELAND AND POINTS NORTH EAST:**

*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 Pkway. 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 Cleveland. At Exit 101A take ramp left for I-71 North to Cleveland. At exit 117 take ramp right and follow signs for OH-161. Turn left onto OH-161W/E Dublin Granville Rd. Turn right onto OH-710 North/ Busch Blvd. Turn right onto Kingsmill Pkway. 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-161W/E Dublin Granville Rd.** Turn right onto OH-710 North/ Busch Blvd. Turn right onto Kingsmill Pkway. Arrive at 6500 Doubletree Ave.*

# Registration Instructions

## General Registration

**On-line registration and credit card payment.** Check out the website at <http://www.cvent.com/d/3cqcvr>.

The conference registration fee includes admission to scientific sessions, refreshment breaks, lunch, dinner and the vendor sponsor tables. Lunch requires a ticket that will be provided in your onsite registration packet. *Dinner Wednesday night will also be included with a full registration or Wednesday only registration.* Please be sure to mark whether or not you plan to attend on your registration form. 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 dietary restrictions or vegetarian needs, please contact Laura Hook at [mlt\\_laura@yahoo.com](mailto:mlt_laura@yahoo.com) prior to the conference to ensure adequate time for a lunch to be prepared.

## Attention: Members of AACC, 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 (AACC – Northeast Ohio 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 of the institutional badges is \$250 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](mailto: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 on-line or if mailed, postmarked on or before April 26, 2013. 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 26, 2013. A session may be cancelled if there is insufficient interest from registrants.

## Questions / Need More Information?

Melanie Giusti, Co-Chair: [melanie.giusti@uc.edu](mailto:melanie.giusti@uc.edu)

Allen Nickels: [nickelsa@summahealth.org](mailto:nickelsa@summahealth.org)

Dustin Bunch, Co-Chair: [bunchd@ccf.org](mailto:bunchd@ccf.org)

Stacy Baker: [stacylacy2@columbus.rr.com](mailto:stacylacy2@columbus.rr.com)

Catherine Shaffner: [catherine.shaffner@promedica.org](mailto:catherine.shaffner@promedica.org)

Jane Tester: [jane.l.test@questdiagnostics.com](mailto:jane.l.test@questdiagnostics.com)

Pam Kin: [pamela\\_kin@mhsnr.org](mailto:pamela_kin@mhsnr.org)

Eugenio Zabaleta: [ezabaleta@medcentral.org](mailto:ezabaleta@medcentral.org)

# Registration Form

# Ohio 2013 Collaborative Laboratory Conference

See our website for online registration at: <http://www.cvent.com/d/3cgcvr>

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, NEO-Member # \_\_\_\_\_

AACC, NEO-Student # \_\_\_\_\_

ASCLS-Ohio # \_\_\_\_\_

Professional # \_\_\_\_\_

Student # \_\_\_\_\_

CLMA-1<sup>st</sup> Ohio N/A

CLMA-WLE N/A

CLMA-Six Rivers N/A

Registration Fees:	Postmark by April 26	After April 26	
<b>Full Registration (Wed, Thurs, Fri)</b>			
Member	\$170.00	\$220.00	\$ _____
Nonmember	\$245.00	\$295.00	\$ _____
Student Member	\$70.00	\$120.00	\$ _____
Student Nonmember	\$100.00	\$150.00	\$ _____
Institutional, First Badge	\$250.00	\$300.00	\$ _____
Institutional, Each Additional Badge	\$175.00	\$225.00	\$ _____
# Additional Badges = _____			
Wednesday Collaboration Dinner Please let us know if you plan to attend	<input type="checkbox"/> YES, I will attend	<input type="checkbox"/> NO, I will not attend	Wed Dinner included in full or Wed. registration
<b>Wednesday Only</b>			
Member	\$75.00	\$100.00	\$ _____
Nonmember	\$105.00	\$130.00	\$ _____
Student Member	\$35.00	\$60.00	\$ _____
Student Nonmember	\$45.00	\$70.00	\$ _____
<b>Thursday only <input type="checkbox"/> or Friday only <input type="checkbox"/></b>			
(Please <input checked="" type="checkbox"/> 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 \$ \_\_\_\_\_

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
Friday									
F30	F31	F32	F33	F34	F35	F36	F37	F38	F39
F40	F41	F42	F43	F44	F45	F46	F47	F48	F49
ASCLS-Ohio Member Meeting (Friday) <input type="checkbox"/> Yes <input type="checkbox"/> No									
Academic Challenge <input type="checkbox"/> Yes									

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