

## Northeast Ohio Section - 2011 Annual Report

Prepared by Lisa Kubit, MBA, and Christine Schmotzer, M.D.

### Local Section Officers 2011:

Past Chair: Sihe Wang, Ph.D.

Chair: Lisa Kubit, MBA, MT (ASCP)

Chair elect: Eugenio Zabaleta, Ph.D.

Treasurer: David J. Anderson, Ph.D.

Delegate: Eugenio Zabaleta, Ph.D.

Continuing Education: Brenda Nicholes, Ph.D.

Secretary/Webmaster: Christine Schmotzer, M.D.

### Meetings:

Date	Type	Event	Speakers	Sponsors	Topic	Attendance
3/24/2011	Teleconference	Executive meeting	n/a	n/a	Plan spring conference	5
4/18/11	Teleconference	CLC Scholarship decisions	n/a	n/a	Determine winners for CLC conference scholarships	3
5/11/2011 – 5/13/2011	Conference with ASCLS, CLMA-WLE, and CLMA First Chapter of Ohio	Ohio Collaborative Laboratory Conference* (Spring conference)	See program attached	See attached	See attached	227 (not including institutional badges)
6/30/2011	Teleconference	Executive meeting	n/a	n/a	Discuss outcome of spring conference and start planning fall conference	3
8/16/2011	Teleconference	Executive meeting	n/a	n/a	Plan fall conference	4
9/15/2011	Conference	Fall conference	Andrea M. Rose, Ph.D., M.B.A.	Roche, Siemens, Quest Diagnostics, Cleveland Clinic Laboratories, and Trinity Biotech.	“New guidelines & recommendations in diabetes testing.”	54
10/11/2011	In person	Executive meeting	n/a	n/a	“Discuss elections, introduce prospective board members. Met with representative from Cleveland Medical Mart, new chair upcoming plans for 2012-2013	7
12/15/2011	In person	Executive meeting	n/a	n/a	Review year, welcome upcoming new board members, start planning spring conference	TBD

\*Gave sponsorship to 5 students to attend the conference (either were or became student members of AACC)

**Northeast Ohio Section - 2011 Annual Report**  
Prepared by Lisa Kubit, MBA, and Christine Schmotzer, M.D.



**Northeast Ohio Section**

*Presents Fall Meeting: September 15, 2011*

**“New guidelines & recommendations in diabetes testing.”**

**Speaker: Andrea M. Rose, Ph.D., M.B.A.**



**Highlights include:**

- New CAP proficiency testing requirements
- A1c-Derived Average Glucose study and related controversy
- Using HbA1c in diabetes screening and diagnosis
- The methodological differences in HbA1c testing and their impact

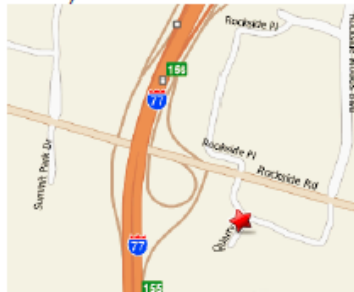
**Agenda:**

Bar & mingling with colleagues 5:30 -6:00 pm  
Buffet dinner 6:00-7:00  
Speaker 7:00-8:00pm

**Location:**

Doubletree Hotel Cleveland South  
6200 Quarry Lane  
Independence, Ohio

**Directions:**  
From I- 77, exit onto Rockside Road.  
Go East 0.2 miles and turn right  
(South) onto Quarry Lane (by Bob  
Evans)



**Join your fellow clinical chemists and laboratory professionals for an exciting evening of updates on laboratory testing for diabetes.**

**Space constraints limit attendance to the first 49 respondents:**

*No fee for the ♦ seminar, ♦ continuing education credits or ♦ dinner because of the generous sponsorship of Roche, Siemens, Quest Diagnostics, Cleveland Clinic Reference Laboratory, and Trinity Biotech. To reserve your dinner, email “I will attend” to Lisa Kubit, Local Section Chair, [northeastohioaacc@yahoo.com](mailto:northeastohioaacc@yahoo.com) by September 9th*

**American Association for Clinical Chemistry**

**Northeast Ohio Section [www.aacc.org](http://www.aacc.org)**

# ColLABorate: Highlighting Quality Patient Care



***Ohio 2011  
Collaborative Laboratory Conference***

**May 11-13, 2011**

***Holiday Inn  
Strongsville, Ohio***



# You Are Invited!!

The Clinical Laboratory Conference Steering Committee, Program Committees, AACC-NE Ohio Section, ASCLS-Ohio and CLMA-First Ohio and Western Lake Erie Chapters are pleased to extend an invitation to **YOU** to attend “**CoLABorate: Highlighting Quality Patient Care.**” 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. With 49 sessions from which to choose, take advantage of this outstanding opportunity to join with your colleagues from across Ohio in updating your knowledge and skills.

**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
- ❖ Get “hands-on” experience with laboratory instruments
- ❖ Network with your professional colleagues
- ❖ Enhance your career potential
- ❖ **Relax . . . Learn . . . Share . . . Have Fun!**

**Registration Includes:**

**Full Registration:**

- ✓ Attendance at all conference sessions (Wednesday-Friday)
- ✓ Morning and afternoon refreshment breaks
- ✓ Lunch (Thursday and Friday)

**Daily Registration** (Thursday or Friday):

- ✓ All sessions, refreshment breaks and lunch either day

## **CLC Steering Committee**

Catherine Shaffner, Chair  
Christine Schmotzer  
Rhonda Perry  
Kathy Waller

## **CLC Co-Chairs**

Kay Hanna  
Lisa Kubit  
Louise Headley

## **Program Sub-committee**

Melanie Giusti, Chair  
Stacy Baker  
Eugenio Zabaleta

## **Financial Agreement Sub-committee**

Marybeth Hartke  
Katherine Jacob  
Louise Headley  
Lisa Kubit  
Catherine Shaffner

## **Promotion & Publicity Sub-committee**

Greg Attenweiler, Chair  
Pamela Kin

## **Facilities/Social/Hospitality Sub-committee**

Shannon Kern, Chair  
Thomas Bierley

## **Vendors/Exhibit Sub-committee**

Allen Nickels, Chair  
Greg Attenweiler  
Ed Lorson

## **Registration Sub-committee**

Roseanne Kelley, Chair  
Marybeth Hartke  
Annie Shifley

## **Cvent Website**

Lisa Kubit, Chair

## **PACE credits**

Kathy Heinz  
Jenny Disbro

Please bring this program brochure with you to the conference

# Featured Speakers

## **Welcome & Keynote Address - Collaboration Celebration presented by Beth Flynn, MS**



Celebrate collaborating? Yes, let's celebrate the art of collaborating and what's right in our profession. When we effectively collaborate we get awesome results – relationships are strengthened, trust is built, and productivity increases - and that is worth celebrating.

Beth Flynn is an enthusiastic educator, facilitator, and trainer. With an emphasis on interactive learning, her researched-based programs 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 employees' 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.

She is famous for her weekly e-mail message, Leadership Moments, which is distributed globally to over 2,000 leaders. Beth currently lives in Chillicothe, Ohio.

## **Christine Presley to Present to Phlebotomy Symposium Attendees**

Christine Presley is the Phlebotomy School Technical Supervisor at The Medical Center of Central Georgia in Macon. She received her Bachelor of Science degree in Medical Technology in 1974 and has a total of 30 years of laboratory experience with a total of 12 years supervisory experience. She has been at The Medical Center of Central Georgia for 17 years and has been running The Phlebotomy School for the last 11 years.

She also taught phlebotomy at Florida Community College in Jacksonville, Florida for 2 years. In 1981, she attended Jacksonville University in Florida and began her teaching career, gaining 7 years experience teaching middle school students. By teaching phlebotomy, she has combined her Medical Technology career with her love of teaching.

In 2008, she began serving as an expert witness for phlebotomy related injury lawsuits and has given numerous depositions and also has trial experience.

# Program-at-a-Glance

## ColLABorate: Highlighting Quality Patient Care Ohio 2011 Collaborative Laboratory Conference (CLC) May 11-13, 2011

Wednesday, May 11

12:00-5:00	<b>Registration</b>		
1:00-2:00	<p>W1 <b>The Basics of Microbiology</b> Erhardt Bell, B.A.</p>	<p>W2 <b>Genetic Testing in Venous Thromboembolic Disease: Does it Really Matter Clinically</b> Spero Cataland, M.D.</p>	<p>W3 <b>Laboratory Business Opportunites/Challenges 2011-2016</b> Brad Peffley, BBA, MHA</p>
2:00 – 2:30	<b>Refreshment Break</b>		
2:45-3:45	<p>W4 <b>How a Lab Test Comes to Market</b> Lisa Kubit, MBA, MT (ASCP)</p>	<p>W5 <b>The Laboratory Testing in the Acute Renal Failure</b> Michael Patterson, D.O.</p>	<p>W6 <b>Heart Transplantation: Understanding Macrophages to Improve Patient Care</b> Susan Moffatt-Bruce, M.D., PHD</p>
3:45-4:45	<p>W7 <b>Uses of BNP in Acute Coronary Syndrome and Other Conditions</b> Michael Spiekerman, PhD</p>	<p>W8 <b>Genetic Testing Methodologies and Approaches</b> Christine Curtis, PhD</p>	<p>W9 <b>Similarities and Differences Between Immunochemistry and Flow Cytometry</b> Samir Kahwash, MD</p>
5:00-7:00	<b>Dinner “Greet, Eat and Meet” (Ticket Required)</b>		
7:00-9:00	<b>ASCLS-Ohio Board of Directors Meeting</b>		

## Program-at-a-Glance

Thursday, May 12

<b>8:00-5:30</b>	<b>Registration</b>			
<b>8:00-9:00</b>	<b>Continental Breakfast</b>			
<b>9:00-10:00</b>	<p style="text-align: center;">T10 <b>Managing Preanalytical Variables During Venipuncture Collection</b></p> <p>Lorraine Tyndell, MS, MT (ASCP)</p> <p style="text-align: center;"><i>Sponsored by BD</i></p>	<p style="text-align: center;">T11 <b>A History of the Shortages: 2000-2050</b></p> <p>Thomas Williams, MD</p>	<p style="text-align: center;">T12 <b>The State of Infection Control</b></p> <p>Amy Ray, MD,MPH</p>	<p style="text-align: center;">T13 <b>CSI/Reality Immunology: Case Studies of Problem Resolution for Infections Disease &amp; Autoantibody Testing</b></p> <p>Thomas Alexander, PhD, D(ABMLI)</p>
<b>10:00-10:30</b>	<b>Refreshment Break/Visit Vendors</b>			
<b>10:30-11:30</b>	<b>Welcome &amp; Keynote Address T14 "Collaboration Celebration"</b>			
<b>11:45-12:45</b>	<p style="text-align: center;">T15 <b>Surviving Sepsis</b></p> <p>John Ancy, MA, RRT</p> <p style="text-align: center;"><i>Sponsored by Instrumentation Laboratory</i></p>	<p style="text-align: center;">T16 <b>Preventing and Controlling Violence in the Workplace</b></p> <p>Cindy Zastrow, MS</p>	<p style="text-align: center;">T17 <b>Using Gel Automation in the Blood Bank</b></p> <p>Andrea Hickey, MLS</p>	<p style="text-align: center;">T18 <b>Blood Lead Testing After 2010</b></p> <p>Neil Conway, PhD, DABCC</p>
<b>12:45-2:00</b>	<b>Lunch/Visit Vendors</b>			
<b>2:00-3:00</b>	<p style="text-align: center;">T19 <b>Laboratory Diagnosis of Bacteremia and Fungemia Including Rapid Identification Techniques</b></p> <p>Gerri Hall, PhD</p>	<p style="text-align: center;">T20 <b>Laboratory Safety: It's not Just for the Rats Anymore</b></p> <p>Cindy Zastrow, MS</p>	<p style="text-align: center;">T21 <b>Cancer Stem Cells: Implications for Diagnosis, Prognosis and Treatment</b></p> <p>J.Lynne Williams, PhD, MLS</p>	<p style="text-align: center;">T22 <b>Case Studies in Clinical Microbiology</b></p> <p>Chuck Sylvain, M(ASCP)</p>
<b>3:00-3:30</b>	<b>Refreshment Break/Visit Vendors</b>			
<b>3:30-4:30</b>	<p style="text-align: center;">T23 <b>Job Selection Criteria and the Influence of Clinical Laboratory Rotations</b></p> <p>J.Michele Stuart, PhD, MLS (ASCP)<sup>CM</sup></p>	<p style="text-align: center;">T24 <b>HCG Testing: Challenges and Pitfalls</b></p> <p>Christine Schmotzer, MD</p>	<p style="text-align: center;">T25 <b>Epigenetics-It's not so Scary After All</b></p> <p>J.Lynne Williams, PhD, MLS</p>	<p style="text-align: center;">T26 <b>Automating the Urine Testing Workflow</b></p> <p>Kevin Barta, BS</p> <p style="text-align: center;"><i>Sponsored by Iris Diagnostics</i></p>
<b>4:45-5:45</b>	<p style="text-align: center;">T27 <b>Using Patient's DNA to Prescribe Clopidogrel (Plavix)</b></p> <p>Eugenio Zabaleta, PhD</p>	<p style="text-align: center;">T28 <b>Clinical Presentation and Diagnosis of Hypercoagulable Conditions</b></p> <p>Irina Chibisov, MD</p> <p style="text-align: center;"><i>Sponsored by Institute for Transfusion Medicine</i></p>	<p style="text-align: center;">T29 <b>Is Cervical Cancer a Preventable Disease?- The role of HPV Screening</b></p> <p>Belinda Yen-Lieberman, PhD, SV(ASCP)</p>	<b>Organization Business Meeting(s) CLMA</b>
<b>6:00-8:00</b>	<b>Vendor Reception</b>			

## Program-at-a-Glance

**Friday, May 13**

<b>8:00-3:30</b>	<b>Registration</b>			
<b>7:30-9:00</b>	<b>ASCLS-OH Member Business Meeting</b>			
<b>8:00-9:00</b>	<b>Continental Breakfast/Networking/Visit Vendors</b>			
<b>9:00-10:00</b>	F30 <b>Urine Drug Testing in Clinical Practice</b> Krisanna Deppen, MD	F31 <b>Automating Patient Safety Using Positive Patient Identification</b> Karen Phalor, MT(ASCP), SBB	F32 <b>Bugs and the Gut</b> <b>Sheryl Pfeil,MD</b>  Sponsored by Beckman Coulter, Inc.	F33 <b>Clinical Chemistry Review: Hormones and Cancer Markers</b> Linda Gorman, PhD, MLS
<b>10:00-10:30</b>	<b>Refreshment Break</b>			
<b>10:30-11:30</b>	F34 <b>Molecular Diagnosis Moves Towards Personalized health Care</b> Huey-Jin Lin, PhD, MT(ASCP), CLS pMB	F35 <b>Making it all Come Together: The Interface Between Hematology, Flow Cytometry and Cytogenetics</b> Gail Wenger, PhD	F36 <b>Urinalysis/Body Fluid Advanced Cases</b> Louis Rose, MT,MBA	F37 <b>Serologic Problem-Solving: A Systematic Approach</b> Sally Rudmann, PhD, MLS, SBB
<b>11:45-12:45</b>	F38 <b>Applying Critical Thinking Transfusion Service Decisions</b> Suzanne Butch, MLS (ASCP) <sup>CM</sup> , DLM <sup>CM</sup>	F39 <b>HealthCare Reform – The Current Status and Future Impact on Your Laboratory</b> Paul Labbe, MCLT	F40 <b>Pancreas: Can the Clinical Laboratory Professional Help?</b> Linda Gorman, PhD, MLS	F41 <b>Advanced Hematology Case Series</b> Louis Rose, MT, MBA
<b>12:45-2:00</b>	<b>Lunch/Visit Vendors</b>			
<b>2:00-3:00</b>	F42 <b>The Phlebotomy Professional: Service Excellence</b> Christine Presley, BS MT(AMT)	F43 <b>Professionalism: Beyond the Bench</b> Linda Graeter, PhD	F44 <b>Life Work Balance: Considerations, Tips and Reality</b> Kelly Scheiderer, MHA, RHIA	F45 <b>Immunology Review: Back to the Basics and Beyond</b> Kathy Waller, PhD, MLS
<b>3:00-3:30</b>	<b>Refreshment Break</b>			<b>Academic Challenge/ Student Mixer</b>
<b>3:30-4:30</b>	F46 <b>Children and Geriatrics: Tips for Some of our Most Difficult Draws</b> Christine Presley, BS MT (AMT)	F47 <b>Case Studies in Pediatric Hematology</b> Brian MidKiff, MBA, H(ASCP)	F48 <b>Personalized On-boarding: Providing a Foundation for Success</b> Kelly Scheiderer, MHA, RHIA	
<b>4:45-5:45</b>	F49 <b>Phlebotomy :Staying Legal with the Standard of Care/Case Studies</b> Christine Presley, BS MT (AMT)			

# Session Abstracts

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

## **W1. The Basics of Microbiology (I)**

**Erhardt Bell, B.A.**

*Owner*

*PetLabs Diagnostics*

This session will discuss basic Microbiology and how it applies to daily living.

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## **W2. Genetic Testing in Venous Thromboembolic Disease: Does it really matter clinically? (I)**

**Spero Cataland, M.D.**

*Associate Professor of Clinical Internal Medicine*

*The Ohio State University*

This session will present the most common inherited thrombophilia factors used to evaluate patients with venous thromboembolic disease, and their utility in clinical medicine. Their role in determining the need for long term anticoagulation in patients with a previous history of venous thromboembolic disease will also be discussed.

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## **W3. Laboratory Business Opportunities/Challenges 2011 - 2016 (I)**

**Brad Peffley, BBA, MHA**

*Vice President, Clinical Services  
MedCentral Health System*

Health Care Reform will present opportunities and challenges for all healthcare organizations over the next five years – value-based purchasing, readmission initiatives,

coordination of care, community electronic health record, and physician alignment to name a few. Discover how the Laboratory will play a key role in helping healthcare organizations respond successfully.

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## **W4. How a Lab Test Comes to Market (B)**

**Lisa Kubit, MBA, MT (ASCP)**

*Laboratory Manager*

*UH Richmond Medical Center*

This session will review the process of bringing a new lab test to market from concept to marketing. Included in this discussion is the process of submitting a 510K or PMA to the FDA, CPT coding and reimbursement strategies, marketing and sales, and physician acceptance of a new lab test.

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## **W5. The Laboratory Testing in the Acute Renal Failure (I)**

**Michael Patterson, D.O.**

*Vice President, Chief Medical Officer  
MedCentral Health System*

Acute renal failure (ARF) is defined as the rapid cessation of renal excretory function within a time frame of hours or days, accompanied by a rise in serum urea and creatinine, and accumulation of nitrogenous waste products in a patient whose renal function was previously normal. The condition is potentially reversible, being critical to diagnose and treat ARF on time.

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**W6. Heart Transplantation: Understanding Macrophages to Improve Patient Care (B)**

**Susan Moffatt-Bruce, M.D., PhD**  
*Assistant Professor of Surgery*  
*The Ohio State University*

Dr. Moffatt-Bruce will discuss the findings of her research involving heart transplant recipients. Macrophages have been found to be an integral process in the rejection and graft failure. These innate immunity cells therefore are targets for manipulation to improve patient outcomes.

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**W7. Uses of BNP in Acute Coronary Syndrome and Other Conditions (B)**

**Michael Spiekerman, PhD**  
*Chief, Chemistry, Scott and White Clinic; Full Professor of Pathology and Laboratory Medicine TAMU College of Medicine*

This program will address the physiologic properties of pro-BNP, BNP, and NT pro-BNP. It will also discuss the use of BNP, in the diagnosis of congestive heart failure and explain the use of BNP and NT pro-BNP in acute coronary syndromes, including the results of a preliminary study.

**Sponsored by Alere**

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**W8. Genetic Testing Methodologies and Approaches (I)**

**Christine Curtis, PhD**  
*Scientific Director, Center for Human Genetics Laboratory*  
*University Hospitals Case Medical Center*

Genetic testing is usually considered diagnostic - identifying specific genetic causes of patients' abnormal clinical findings – utilizing cytogenetic, molecular genetic or biochemical genetic methods; however, some genetic testing is performed on asymptomatic patients to identify genetic disease carriers or

to predict the likelihood of future genetic diseases. These methods, and how these results impact the patient and the patient's family, will be discussed.

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**W9. Similarities and Differences between Immunochemistry and Flow Cytometry (I)**

**Samir Kahwash, MD**  
*Director, Hematology Lab Service*  
*Nationwide Children's Hospital*

This lecture will discuss methods of immunophenotyping cells by Flow cytometry based analysis versus immunohistochemistry. The emphasis will be on comparing the two methods, and optimizing their utility in the diagnosis & classification of disorders, especially tumors.

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**T10. Managing Preanalytical Variables During Venipuncture Collection (I)**

**Lorraine Tyndell, MS, MT (ASCP)**  
*Supervisor*  
*BD PAS Global Technical Services*

Managing Preanalytical Variables During Venipuncture Collection is an intermediate course intended for phlebotomists, laboratorians, nurses and other healthcare professionals responsible for the collection, handling, processing and diagnostic testing of specimens in the clinical laboratory. A basic knowledge of phlebotomy and clinical laboratory science is required. The objective/goal of the program is to provide an understanding of the importance of factors that influence preanalytical variables in specimen collection, processing/handling and to identify preanalytical sources of error and their impact. Focus will be placed on established guidelines, procedures and techniques for proper venipuncture, specimen collection, processing and handling.

**Sponsored by BD**

**T11. A History of the Shortages: 2000 - 2050 (B)**

**Thomas Williams, MD**

*Clinical Associate Professor of Surgery,  
Division of Cardiothoracic Surgery  
The Ohio State University College of  
Medicine*

This program will trace nursing shortages, medical doctor shortages and “pump Jockeys”.

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**T12. The State of Infection Control (B)**

**Amy Ray, MD, MPH**

*Assistant Professor, Medical Director of  
Infection Control University Hospitals  
Case Western Reserve School of Medicine,  
University Hospitals*

The expanding role of infection control and prevention within and beyond the acute care setting will be discussed. The presentation will include an overview of healthcare-acquired infections (HAIs), the patients most at risk for these infections, and the ramifications of non-reimbursement for certain HAIs. Also, a description of antimicrobial resistance patterns in and the prevention of transmission of multidrug-resistant organisms will be included

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**T13. CSI/Reality Immunology: Case Studies of Problem Resolution for Infectious Disease and Autoantibody Testing (I)**

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

*Immunologist  
Summa Health System*

This presentation will include a collection of problem solving talks. These are immunology related clinical/laboratory case issues that the presenter has encountered that were instructive and/or challenging.

**T14. Collaboration Celebration (B)**

**Beth Flynn, M.S.**

*Leadership Trainer and Consultant  
The Ohio State University Leadership Center*

Celebrate collaborating? Yes, let’s celebrate the art of collaborating and what’s right in our profession. When we effectively collaborate we get awesome results – relationships are strengthened, trust is built, and productivity increases - and that is worth celebrating.

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**T15. Surviving Sepsis (I)**

**John Ancy, MA, RRT**

*Senior Clinical Consultant  
Instrumentation Laboratory*

Sepsis and SIRS (Systemic Inflammatory Response Syndrome) affect millions worldwide. The sepsis mortality rate is estimated at 25% with higher mortality rates in those who progress to sepsis induced multiple organ failure. This presentation will cover causes, diagnosis and management of sepsis and related conditions. The “Surviving Sepsis Campaign” report and 2010 compliance study are central to the presentation. Special emphasis will be given to laboratory considerations and should be useful for those involved in POC testing.

*Sponsored by Instrumentation Laboratory*

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**T16. Preventing and Controlling Violence in the Workplace (B)**

**Cindy Zastrow, M.S.**

*Senior Industrial Hygienist – Enforcement  
Michigan OSHA*

This program is designed to teach individuals and groups to prepare for, respond to, and recover from workplace violence. Special focus is given to healthcare facilities.

**T17. Using Gel Automation in the Blood Bank (B)**

**Andrea Hickey, MLS**  
*Clinical Laboratory Scientist II*  
*University of Michigan Blood Bank*

This presentation will discuss the pros and cons of using Gel Automation in the Blood Bank as well as describing workflow changes that may occur as a result of implementing the use of gel in the Blood Bank, as well different ways to problem solve your testing results.

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**T18. Blood Lead Testing After 2010 (I)**

**Neil Conway, PhD, DABCC**  
*Director of Clinical Labs*  
*Cleveland Department of Public Health*

This presentation will include information on the status of the federal government's goal to eliminate childhood lead poisoning by 2010. Current sources of lead contamination and blood lead testing methods will be discussed. The current county-wide blood lead recommendation of >5 ug/dL as a "level of concern" will be discussed.

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**T19. Laboratory Diagnosis of Bacteremia and Fungemia including Rapid Identification Techniques (I)**

**Gerri Hall, PhD**  
*Medical Director - Bacteriology,*  
*Mycobacteriology and Specimen*  
*Cleveland Clinic*

Rapid diagnosis of the organisms responsible for bacteremia and fungemia is of critical importance in the appropriate management of the infected patient. The appropriate collection and processing of blood cultures will be presented as a review; a discussion of methods for reducing the time to identification and susceptibility testing will be described,

where these are presently available. The latter will include FISH, PCR, Maldi-Tof, chromogenic media and rapid conventional approaches.

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**T20. Laboratory Safety: It's not just for the rats anymore (I)**

**Cindy Zastrow, M.S.**  
*Senior Industrial Hygienist - Enforcement*  
*Michigan OSHA*

This program is designed to give the laboratory worker an overview of some of the hazards that may be encountered in the laboratory environment. This overview will include ergonomic issues (one of the most common causes of injuries and illnesses in the workplace), general chemical, biological, and radiological issues and requirements, and noise.

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**T21. Cancer Stem Cells: Implications for Diagnosis, Prognosis and Treatment (I)**

**J. Lynne Williams, PhD, MLS**  
*Professor and Program Director*  
*Oakland University*

Not all cancer cells have the same capacity for proliferation and self-renewal. There has been increased interest in identifying "cancer stem cells" and their unique biologic properties, anticipating the discovery of more effective treatments leading to more durable remissions. The latest discoveries will be summarized with implications for cancer diagnosis, prognosis and treatment.

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**T22. Case Studies in Clinical Microbiology (I)**

**Chuck Sylvain, M (ASCP)**

*Microbiology Supervisor  
Hillcrest Hospital - Cleveland Clinic Health System*

This presentation will focus on case studies in the areas of bacteriology and parasitology.

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**T23. Job Selection Criteria and the Influence of Clinical Laboratory Rotations (B)**

**J. Michele Stuart, PhD, MLS (ASCP)<sup>CM</sup>**

*Associate Professor; Academic Advisor and Program Recruiter  
ARUP and University of Utah*

The competition to hire new graduates is keen among competing laboratories. Clinical laboratory graduates have personal expectations and considerations when it comes to employment choices. This session presents strategies and recommendations for laboratories to gain an effective edge over competitors.

**Sponsored by ARUP**

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**T24. HCG Testing: Challenges and Pitfalls (I)**

**Christine Schmotzer, MD**

*Director of Clinical Chemistry  
University Hospitals Case Medical Center*

Complexities of HCG testing will be discussed through examples of challenging cases.

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**T25. Epigenetics - It's not so Scary After All (I)**

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

*Professor & Program Director  
Oakland University*

Although epigenetics is a relatively new term to many in biomedical sciences, the basic concepts involved are actually well known. Epigenetics is now recognized to play an important role in the development of many malignancies, resulting in new diagnostic and treatment modalities being introduced. Current concepts and applications of epigenetics will be reviewed.

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**T26. Automating the Urine Testing Workflow (B)**

**Kevin Barta, B.S.**

*Senior Product Manager  
Iris Diagnostics*

This presentation will include a discussion of recent CMS reimbursement and possible hospital policy changes regarding urine testing, with an overview of options for automating urinalysis and introducing urine culture screening, to effectively manage an increasing urine testing workload.

**Sponsored by Iris Diagnostics**

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**T27. Using Patient's DNA to Prescribe Clopidogrel (Plavix®) (I)**

**Eugenio Zabaleta, PhD**

*Clinical Chemist  
MedCentral Health System*

Each person responds differently to the drug they take. Pharmacogenomics is the science that studies the genetic inherited variations that dictate drug response. By knowing the genetic makeup of the patient, the doctor will be able to evaluate the effectiveness of

Clopidogrel (Plavix®), including the appropriate dosage.

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**T28. Clinical Presentation and Diagnosis of Hypercoagulable Conditions (B)**

**Irina Chibisov, M.D.**

*Assistant Professor of Pathology, Univ. of Pittsburgh School of Medicine, Department of Pathology; Attending Physician, Hemostasis & Thrombosis Outpatient Clinic  
Institute for Transfusion Medicine*

This presentation will review common congenital and acquired hypercoagulable conditions including Factor V and prothrombin gene mutations, Protein C, S, and antithrombin III deficiency, as well as lupus anticoagulant/APLS. It will also include a review of various presentations of thrombosis, indications for hypercoagulable work-ups, and laboratory diagnosis of hypercoagulable conditions.

***Sponsored by Institute for Transfusion Medicine***

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**T29. Is Cervical Cancer a Preventable Disease? - The role of HPV Screening (B)**

**Belinda Yen-Lieberman, PhD, SV (ASCP)**

*Medical Director - Virology, Serology & Cellular Immunology  
Cleveland Clinic*

Human Papillomavirus (HPV) is one of the most common sexually transmitted infection (STI) in the United States, with about 6.2 million cases diagnosed annually. This presentation will include what do we know about HPV, what is the clinical significance of HPV testing in women and HPV and Pap Co-testing in Cleveland Clinic.

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**F30. Urine Drug Testing in Clinical Practice (B)**

**Krisanna Deppen, MD**

*Addiction Medicine Specialist  
OhioHealth - Grant Medical Center*

During this session, different options in drug testing will be explained. Case scenarios explaining how this testing is used in clinical practice will be reviewed, focusing on urine drug testing.

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**F31. Automating Patient Safety Using Positive Patient Identification (B)**

**Karen Phalor, MT (ASCP), SBB**

*Clinical Laboratory Analyst  
MedCentral Health System*

Positive patient identification is the foundation of patient safety. Before any healthcare professional collect blood samples, the patient identity must be confirmed. Patient Identification Check (PIK) is a mobile handheld device that automates the patient identification process by using point-of-care barcoding technology. PIK ensures that the correct test(s) is drawn in the appropriate container from the right patient.

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**F32. Bugs and the Gut (I)**

**Sheryl Pfeil, MD**

*Assistant Professor of Medicine  
The Ohio State University Comprehensive Cancer Center*

Gastrointestinal infections are common conditions that account for significant gastrointestinal morbidity and occasional mortality. This presentation will review the clinical manifestations of various GI infections, the endoscopic correlates and the clinical management.

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**F33. Clinical Chemistry Review: Hormones and Cancer Markers (I)**

**Linda Gorman, PhD, MLS**  
*Associate Professor*  
*University of Kentucky*

This presentation will include a review of Clinical Chemistry material with an emphasis on hormones and the types of laboratory markers used to identify these diseases. Case studies will be used to emphasize the concepts being discussed. A basic understanding of complete metabolic profile tests would be beneficial before attending this review.

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**F34. Molecular Diagnosis Moves Towards Personalized Health Care (I)**

**Huey-Jin Lin, PhD, MT (ASCP), CLSpMB (NCA)**  
*Associate Professor*  
*The Ohio State University*

Future health care aims to create strategies in order to accelerate the integration of personalized health care into clinical practice. The ultimate goal is to develop effective strategies to capitalize on the innovative characteristics of personalized health care. Molecular diagnosis provides individual and population genomic information that enables care providers to optimize disease preventive and treatment outcomes.

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**F35. Making it all come together: The interface between Hematology, Flow Cytometry and Cytogenetics (I)**

**Gail Wenger, PhD**  
*Director, Center for DNA Diagnostics/  
Cytogenetics and Molecular Genetics*  
*Mercy St. Vincent Medical Center*

Substantial progress has been made in the subclassification of hematologic malignancies

and the development of more effective therapies. At the same time, it is ever more important for diagnosis to be as precise as possible. Accurate diagnosis requires not only morphology but also immunophenotyping and genotyping. The methods used in cytogenetic analysis and flow cytometry will be described, and through case examples, the complementary roles of flow cytometry and cytogenetics in diagnosis of leukemia and lymphoma will be examined.

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**F36. Urinalysis/Body Fluid Advanced Cases (I)**

**Louis Rose, MT, MBA**  
*Lead Technologist*  
*The Ohio State University Medical Center*

This session will focus on case studies and other fun and useful findings.

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**F37. Serologic Problem-Solving: A Systematic Approach (I)**

**Sally Rudmann, PhD, MLS, SBB**  
*Professor Emeritus, Accreditation Program  
Director*  
*The Ohio State University*

A series of interactive blood bank antibody cases will be presented for discussion and resolution.

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**F38. Applying Critical Thinking Transfusion Service Decisions (I)**

**Suzanne Butch, MLS (ASCP)<sup>CM</sup>, DLM<sup>CM</sup>**  
*Administrative Manager, Blood Bank &  
Transfusion Service*  
*University of Michigan Hospitals & Health Centers*

In the day to day work in the blood bank, various levels of decision making are required. Through the use of case studies, critical thinking skills will be used to evaluate

alternatives. Processes for documenting the decisions will also be reviewed.

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**F39. HealthCare Reform - The Current Status and Future Impact on Your Laboratory (I)**

**Paul Labbe, MCLT**

*VP Operations*

*CompuNet Clinical Laboratories*

The Patient Protection and Affordable Care Act of 2010 was signed into law one year ago, and the 2,000+ page bill has begun to impact the accessibility and delivery of health care in the U.S. far into the future. Timelines and specific guidelines are still being established and debated so the highlights of what we know to-date will be reviewed, along with how it is projected to impact you and your laboratory services down the road.

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**F40. Pancreas: Can the Clinical Laboratory Professional Help? (I)**

**Linda Gorman, PhD, MLS**

*Associate Professor*

*University of Kentucky*

The pancreas is one of the least suspected organs/glands for disease, and thus pathologies here can be devastating to the patient and their families. Some common laboratory tests allow us to detect pancreatic diseases, but newer genetic markers may well allow us to be better at detection than we have been. Better markers may lead to early detection and better outcomes for these diseases and the patients affected.

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**F41. Advanced Hematology Case Series (I)**

**Louis Rose, MT, MBA**

*Lead Technologist*

*The Ohio State University Medical Center*

The presentation will review hematology findings that are not so every day.

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**F42. The Phlebotomy Professional: Service Excellence (I)**

**Christine Presley, BS MT (AMT)**

*Phlebotomy School Technical Supervisor*

*The Medical Center of Central Georgia*

Phlebotomists are the ambassadors of the laboratory and represent all of us who work “behind the scenes” in the lab. As such, they need to act in a professional manner at all times and possess a strong work ethic. What does professionalism and work ethics mean? This presentation will explore these definitions and describe other character traits needed by phlebotomists

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**F43. Professionalism: Beyond the Bench (I)**

**Linda Graeter, PhD**

*Associate Professor*

*University of Cincinnati*

Professionalism in the practice of MLS will be described and discussed. Teaching strategies for instilling a strong sense of professionalism in MLS students will also be discussed. Finally, suggestions for enhancing professionalism in the workplace will be reviewed.

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**F44. Life Work Balance: Considerations, Tips and Reality (B)**

**Kelly Scheiderer, MHA, RHIA**  
*Administrator and COO, Emergency Medicine  
The Ohio State University Medical  
Center/OSU Physicians Inc.*

To recruit and/or retain top performing employees, organizations need to consider creative ways to allow people to have flexible work schedules and maintain balance in their life. In this session, we will discuss work life principles and examples currently available in organizations. In addition, understanding your personal values is helpful in determining what will really work for you!

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**F45. Immunology Review: Back to the Basics and Beyond (I)**

**Kathy Waller, PhD, MLS**  
*Associate Professor  
The Ohio State University*

This session is designed to meet the needs of both medical laboratory students and professionals in reviewing your knowledge of immunology for either the certification examination or the workplace.

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**F46. Children and Geriatrics: Tips for Some of our Most Difficult Draws (I)**

**Christine Presley, BS MT (AMT)**  
*Phlebotomy School Technical Supervisor  
The Medical Center of Central Georgia*

Phlebotomists are faced with unique challenges from different patient populations on a daily basis. This presentation will discuss two of the most difficult, the pediatric and geriatric patients. Various causes of difficult collections and methods to improve successful collection rates will be described. Phlebotomists with sound technical training, strong clinical training and good judgment

regarding equipment selection will prove to be more successful with difficult collections.

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**F47. Case Studies in Pediatric Hematology (I)**

**Brian Midkiff, MBA, H (ASCP)**  
*Hematology Technical Specialist  
Nationwide Children's Hospital*

Pediatric Hematology has some unique challenges that require patience, flexibility, and some additional training. Since most laboratories process and/or perform testing on these specimens, it is important for clinicians to have a general overview of pediatric hematology so they can better correlate results and assist in proper diagnosis.

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**F48. Personalized On-boarding: Providing a Foundation for Success (B)**

**Kelly Scheiderer, MHA, RHIA**  
*Administrator and COO, Emergency Medicine  
The Ohio State University Medical  
Center/OSU Physicians Inc.*

To improve new employee retention, avoid the considerable cost of early turnover, and enable new employees to perform more productively more quickly, organizations are looking beyond traditional new hire orientation programs to a more formalized on-boarding approach. On-boarding has been identified in organizational strategic plans and is widely recognized as a key to attracting and retaining top talent.

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**F49. Phlebotomy: Staying Legal with the Standard of Care/Case Studies (I)**

**Christine Presley, BS MT (AMT)**

*Phlebotomy School Technical Supervisor  
The Medical Center of Central Georgia*

Phlebotomy is an invasive procedure and does have some inherent risks associated with it. However, when the standard of care is breached the results can be disastrous. This presentation will identify the most commonly breached standards, analyze actual case studies where phlebotomy related injuries have occurred, and identify ways to avoid phlebotomy related lawsuits.

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# Sponsoring Organizations

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



### North Eastern Ohio AACC Leadership

Lisa A. Kubit, Chair  
UH Richmond Medical Center

Eugenio Hernan Zabaleta, Delegate,  
Chair-Elect  
MedCentral Health System

Christine Schmotzer, Internet  
Coordinator, Secretary  
UH Case Medical Center

David Jeffrey Anderson, Treasurer  
Cleveland State University

Sihe Wang, Past Chair  
Cleveland Clinic

Brenda K. Nicholes, Program Chair  
Metro Health Medical Center

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).

# Sponsoring Organizations

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



### **ASCLS- Ohio Leadership**

**Stacy Baker, President**  
Galloway, Ohio

**Catherine Shaffner, Past President**  
Perrysburg, Ohio

**Annie Shifley, Recording Secretary**  
Columbus, OH

**Marybeth Hartke, Treasurer**  
Strongsville, OH

**Shannon Kern, Senior Director**  
Westerville, OH

**Melanie Giusti, Senior Director**  
Florence, KY

**Kathy Waller, Senior Director**  
Lancaster, OH

**Greg Attenweiler, Junior Director**  
Dayton, OH

**Jenny Disbro, Junior Director**  
Edon, OH

**Sharon Mansour, Student Director/  
Student Forum Chair**  
Columbus, OH

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, generalist, specialists, managers/supervisors, phlebotomists and others. Please join us at the ASCLS-OH Membership Booth to learn more about ASCLS and ASCLS-OH.

***ASCLS Ohio Leadership Board of Directors meeting will be held on Wednesday May 11<sup>th</sup>.***

***All members including students are encouraged to join the ASCLS Member Business Meeting (which will be held on Friday May 13<sup>th</sup>).***

# Sponsoring Organizations

## ***Clinical Laboratory Management Association (CLMA)***



### **First Ohio Chapter Leadership**

**Louise Headley, President**  
**Allen Nickels, President Elect**  
**Jim Rowe, Immediate Past President**  
**Kathy Jacob, Treasurer**  
**Roseann Kelley, Secretary**

### **Board of Directors:**

**Clive Hamlin**  
**Pat Webster**  
**Jean Komraus**  
**Ed Lorson**  
**Yong Orack**

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

**Rhonda Perry, President**  
**Pamela Kin, President-Elect**  
**Frank Sipos, Past President**  
**Mary Slaughter, Secretary**  
**Karen Bodeman, Treasurer**

### **Board of Directors**

**Brad Stotz**  
**Tom Bierley**

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 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; and to advocating on behalf of quality patient care and chapter membership.

These Chapters provides 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.

**All CLMA members are welcome and encouraged to attend the CLMA-First Ohio membership meeting (which will be held Thursday, May 12th.)**

# General Information

## Register Early

**New for 2011 –Online registration. Visit our website at: <http://quest.cvent.com/d/vdq5q4>.**

If you are planning to attend the conference, you are strongly **encouraged to register before the April 29 postmark deadline** in order to take advantage of the lower early registration fees. After April 29, all registrants must pay the late/onsite fees. Please see the complete instructions for registration adjacent to the registration form for more information.

## Conference Registration Areas Hours

On-site registration will be held at the Holiday Inn Strongsville during the following days and times:

**Wednesday, May 11 12:00 pm –5:00 pm**

**Thursday, May 12 8:00 am –5:30 pm**

**Friday, May 13 8:00 am –3:30 pm**

## Continental Breakfast

Plan to join your colleagues at the complimentary Continental Breakfast on Thursday and Friday mornings at 8:00-9:00 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, which is accepted by the National Credentialing Agency (NCA), ASCP, and all states. 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 Needs

If you have special needs that require accommodation (including dietary allergies and vegetarian), contact Shannon Kern at [skern29@yahoo.com](mailto:skern29@yahoo.com) to make appropriate arrangements. Forty-eight (48) hour advanced notice is needed to fulfill most requests.

## 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 12

10:00 am – 6:00 pm

6:00 pm – 8:00pm (Vendor Reception)

Friday, May 13

8:00 am – 2:00 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.

# Special Events

**ColLABoration Celebration**  
**Join Us for a Greet, Eat and Meet Night**  
Wednesday, May 11 5:00pm -7:00pm

The Ohio 2011 Collaborative Laboratory Conference steering committee, co-chairs, and all members invite you to a social event to kick off this special conference. All Ohio laboratory professionals and anyone with an interest in clinical laboratory science education are cordially invited and welcome to attend the dinner. Following an afternoon of education sessions, this social event will be the perfect way to conclude the day with a great dinner and time to visit with old and new friends.

The dinner is NOT included in either full or Wednesday daily registration; therefore, tickets must be purchased individually for \$25.00 each. Be sure to check the Collaboration Dinner on the registration form and include the dinner fee with your registration payment.

**Vendor Exhibits and Reception**  
Thursday, May 12 Exhibits 10:00 a.m-6:00 p.m. Reception: 6:00 p.m–8:00 p.m.  
Friday, May 13 Exhibits 8:00 a.m.-2:00 p.m.

**Student Academic Challenge**  
Friday, May 13 3:00 – 6:30 p.m.

The ASCLS Academic Challenge committee is looking for excited, enthusiastic MLT/MLS students to join in participating in the 8<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, the Mercy Laboratories MLS team from Toledo, 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!

**Phlebotomy Symposium**  
Friday, May 13 – 2:00–6:00 p.m.

Presented by Christine Presley, BS, MT (AMT), this special 3-session symposium is designed to provide a unique continuing education opportunity for phlebotomists, students in phlebotomy programs, and phlebotomy educators and supervisors. These sessions are included in the fee for Full, Friday only and Institutional registration. Individuals wishing to attend only this symposium should register for the "Phlebotomy Sessions Only" listed under Friday daily registration on the registration form.

# Registration Instructions

## General Registration

**NEW for 2011- On-line registration and credit card payment. Check out the website at <http://quest.cvent.com/d/vdq5g4>.**

The conference registration fee includes admission to scientific sessions, refreshment breaks, lunch and the vendor sponsor tables. Lunch requires a ticket that will be provided in your onsite registration packet. If you have any dietary restrictions or vegetarian needs, please contact Shannon Kern at [skern29@yahoo.com](mailto:skern29@yahoo.com) prior to the conference to ensure adequate time for a lunch to be prepared.

It is very important to note on the registration form what sessions you expect to be attending to ensure adequate seating and quantity of handouts. Do not select more than one session scheduled at the same time. Some sessions will be limited to a maximum seating of 30 people.

## 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 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 likely 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 Anne Shifley at [haleymax@yahoo.com](mailto:haleymax@yahoo.com) or 614-566-9196 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 29, 2011. After this date, the higher on-site fees apply. To ensure availability, tickets for the dinner on Wednesday must be purchased by the early registration deadline. If additional tickets become available, they may be purchased the day of at the registration desk.

## Refund/ Cancellation Policies

Full registration fees will be refunded only if a written request is postmarked on or before April 29, 2011. Any session may be cancelled if there is insufficient interest from registrants.

## Questions / Need More Information?

- Kay Hanna (ASCLS-Ohio) at [khanna@starkstate.edu](mailto:khanna@starkstate.edu)
- Louise Headley (CLMA) at [lheadley@ccf.org](mailto:lheadley@ccf.org)
- Lisa Kubit (AACC) at [Lisa.Kubit@UHhospitals.org](mailto:Lisa.Kubit@UHhospitals.org)

# Registration Form

## Ohio 2011 Collaborative Laboratory Conference

Name \_\_\_\_\_  
 Institution \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City / State / Zip Code \_\_\_\_\_  
 Phone \_\_\_\_\_ (Day) \_\_\_\_\_ (Evening)  
 Email Address \_\_\_\_\_

**Member** (Include Member #)  
 AACCC - NEO \_\_\_\_\_  
 ASCLS-Ohio \_\_\_\_\_  
 Professional  
 Student  
 CLMA-1<sup>st</sup> OH \_\_\_\_\_  
 CLMA - WLE \_\_\_\_\_  
 Non-member  
 Non-member Student

<b>Registration Fees:</b>	<b>Postmark by April 29</b>	<b>After April 29</b>	
<b>Full Registration (Wed,Thurs,Fri)</b>			
Member	\$150.00	\$200.00	\$ _____
Nonmember	\$225.00	\$275.00	\$ _____
Student Member	\$60.00	\$110.00	\$ _____
Student Nonmember	\$90.00	\$140.00	\$ _____
Institutional, First Badge	\$250.00	\$300.00	\$ _____
Institutional, Each Additional Badge	\$175.00	\$225.00	\$ _____
# Additional Badges = _____			
<b>Wednesday Only</b>			
Member	\$60.00	\$85.00	\$ _____
Nonmember	\$90.00	\$115.00	\$ _____
Student Member	\$25.00	\$50.00	\$ _____
Student Nonmember	\$35.00	\$60.00	\$ _____
<b>Thursday only <input type="checkbox"/> or Friday only <input type="checkbox"/></b>			
<b>(Please <input checked="" type="checkbox"/> day(s) attending – fees are each day)</b>			
Member	\$90.00	\$130.00	\$ _____
Nonmember	\$125.00	\$165.00	\$ _____
Student Member	\$35.00	\$60.00	\$ _____
Student Nonmember	\$55.00	\$80.00	\$ _____
Phlebotomy Sessions Only (Friday)	\$50.00	\$75.00	\$ _____

**Collaboration Dinner (Wednesday)** \$ 25.00 / ticket \$ \_\_\_\_\_

**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

Academic Challenge (Friday) Yes No  
 ASCLS-Ohio Member Meeting (Friday) Yes No  
 CLMA First Ohio Meeting (Thursday) Yes No

Make check payable to:  
 ASCLS-Ohio – CLC 2011  
 Mail registration form / payment to:  
 ASCLS-Ohio – CLC 2011  
 c/o Marybeth Hartke, Registration Chair  
 10847 Gate Post Road  
 Strongsville, OH 44149-2154

**Sorry – credit cards are not accepted by mail.**  
**Credit card payment is accepted with on-line registration at website**

<http://guest.cvent.com/d/vdq5g4>

**Mail Confirmation notice will not be sent.**

# Accommodations & Directions

Guest rooms have been reserved at the Holiday Inn Strongsville for the nights of Wednesday, May 11 and Thursday, May 12 with a special rate of **\$89.00 per night**, plus applicable taxes, (king bed or double beds) for conference attendees. Contact the Holiday Inn Strongsville directly at **440-238-8800** and state when making your reservation that you are attending the Ohio Collaborative Laboratory Conference (CLC) and note that the group code is **CLC** (group code must be used when making reservation). **Make your reservations early as the room block will be released on May 1, 2011.** After the May 3rd cut-off date, rooms and the special conference rate may not be available.



## Holiday Inn Strongsville Airport Area

15471 Royalton Road  
Strongsville, Ohio 44136  
(440) 238-8800

Guest Fax: (440) 238-0273  
Sales Fax: (440) 238-2435

Check In: 4:00 PM    Check Out: 12:00 PM

The Holiday Inn Strongsville is conveniently located just east of the I-71 on Royalton Road. There is ample free parking available.

## Driving Directions to the Holiday Inn Strongsville

### FROM CLEVELAND AND POINTS NORTH (INCLUDING HOPKINS AIRPORT):

*I-71 South to the Royalton Road East/North Royalton, exit (#231A). Turn right off exit and the hotel is on the Right-Hand Side.*

### FROM THE OHIO TURNPIKE EAST AND WEST:

*Ohio Turnpike (I-80) Exit 161 to I-71 South. Exit at the Royalton Road East/North Royalton Exit (#231A) turn Right off exit and the hotel is on the Right-Hand Side.*

### FROM THE OHIO TURNPIKE AND AKRON/CANTON:

*I-77 North to the Ohio Turnpike (I-80) Exit 173. West on the Ohio Turnpike to Exit 161. From Exit 10 to I-71 south. Exit at the Royalton Road East/North Royalton Exit (231A). Turn right off exit and the Hotel is on the Right-Hand Side.*

### FROM THE EAST:

*I-480 West to I-71 South. Exit at the Royalton Road / North Royalton, Exit (#231A). Turn right off exit and the Hotel is on the Right-Hand Side*

