



April 10 – April 11, 2014
A Clinical Laboratory Continuing Education event
Organized by
ASCLS-Colorado
ASCLS-Wyoming
CACMLE
CLMA-Centennial Chapter
Bring this Program with you to CLCC!

CACMLE (Colorado Association for Continuing Medical Laboratory Education, Inc.)
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Schedule at a Glance

Thursday, April 10

7:00-9:45 Registration and Continental Breakfast
8:00-8:30 Opening Ceremony and Awards
8:30-9:30 Keynote
9:30-9:45 Break
9:45-10:45 Breakout Sessions
10:45-1:45 PM Lunch with Vendors
1:00-2:00 Breakout Sessions
2:00-2:15 Break
2:15-3:15 Breakout Sessions
3:15-3:30 Break
3:30-4:30 Breakout Sessions
5:00-7:00 CACMLE Reception

Friday, April 11

7:00-10:15 Registration and Continental Breakfast
7:00-8:45 ASCLS-CO and ASCLS-WY Annual meetings
8:45-9:00 Opening Ceremony
9:00-10:00 General Session
10:00-10:15 Break
10:15-11:15 Breakout Sessions
11:15-1:30 Lunch with Vendors
12:30-1:15 Student Forum
1:30-2:30 Breakout Sessions
2:30-2:45 Break
2:45-3:45 Breakout Sessions
3:45-4:00 Break
4:00-5:00 Breakout Sessions

* Please bring this program to the conference

** Program schedule is tentative and subject to change

*** Visit the Student Posters all day Thursday and Friday. Prizes will be awarded for 1st, 2nd, 3rd place and honorable mentions.

Come Visit Us Online www.clcconline.org

Prior to attending the conference, attendees will need to print handouts by visiting the above website.

A username and password is required for printing conference materials and will be provided with your registration confirmation.

Handouts will NOT be provided at the session.

Directions and a map to the hotel are available online.

Online Registration will be available beginning February 1, 2014 at www.clcconline.org

CACMLE Reception
Thursday, April 10,
5:00-7:00 p.m.
Refreshments Served, Cash Bar, Silent Auction and Entertainment in the Hotel Atrium

ASCLS-CO Annual meeting,
Friday, April 11,
7:00-8:45 a.m.
Room TBA.

ASCLS-WY Annual meeting,
Friday, April 11,
7:00-8:45 a.m.
Room TBA.

Breakout Sessions

Friday, April 11, 2014 • 2:45 – 3:45pm

Session #21: Interview Skills

— Kim Miller MT (ASCP), Quest Diagnostics, Theresa Barbre, MT (ASCP), Cheyenne VA Medical Center

Explore Interviewing process, discuss common interview questions and practice a competency based interview.

Session #22: Vitamin D: The New Superdrug!

— Joshiah Gordon, DO, Director of Pulmonary/ICU at St Mary Corwin and Stroke Director at Parkview Medical Center, Pueblo CO

Vitamin D is a common deficiency in our society. Current lifestyles prevent most of us from acquiring the levels of vitamin D that evolution intended us to have. Deficiencies have been linked to cancer, cardiovascular disease, and autoimmune disorders. Evaluation and treatment of Vitamin D deficiency will be discussed.

Session #23: Antimicrobial Stewardship

— Gina Harper, PharmD, BCPS, UCH Poudre Valley Hospital, Fort Collins, CO

This session reviews the major components and goals of an antimicrobial stewardship program and will include a basic review of antimicrobials. The impact of culture-based cascading susceptibility reports from microbiology will also be discussed.

Friday, April 11, 2014 • 4:00 – 5:00pm

Session #24: Basic Concepts in Molecular Diagnostic Testing in Hematology

— Troy Lokken, BS, Mayo Clinic

Molecular diagnostics play an increasingly important role in diagnosis and monitoring of patients. Advances in medical technology have resulted in a plethora of methods and platforms for the detection of molecular mutations associated with hematologic disorders. Thought will be given to the principles of genetic testing, detection methods and other testing considerations and caveats.

Session #25: What's New in HazCom and Tips on Hazardous Waste Determination

— Roslynn Hokanson, MSPH, SLS (ASCP), UCH Memorial Hospital, Col. Springs

Update laboratory employees on the changes made to the HazCom Standard and to introduce the Globally Harmonized System (GHS) and also inform the laboratory worker regarding the determination of hazardous waste using state and federal guidelines to help identify and categorize chemical waste for legal disposal.

Session #26: Avoiding Specimen Collection Errors

— Ken Curtis, BS, PBT (ASCP) ARUP Laboratories

This presentation focuses on identifying common specimen collection issues and strategies for preventing these errors. We will discuss common errors in patient identification, phlebotomy techniques, and specimen labeling. We will also discuss identifying collection issues via pre-analytical processes, training for accuracy in collection, and monitoring improvement.

Thank You to Our Sponsors

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Visit the Student Poster Session each day.  
Earn an additional 1 CEU for completing a Student Poster Quiz.

## Breakout Sessions

Friday, April 11, 2014 • 10:15 – 11:15am

### **Session #15: New Parameters for Anemia and Thrombocytopenia...and Case Studies**

— Jeri Walters, MT(ASCP)SH, **ACL Laboratory, Milwaukee WI**  
**Sponsored by Sysmex America**

This program will describe new hematology parameters that can be used to aid the physician in the diagnosis and treatment of anemia and thrombocytopenia. The practical application of these parameters, and their relationship to existing measurements, will be illustrated through the use of case studies.

### **Session #16: Transfusion Reactions**

— Anna Loveless, MT (ASCP) SBB, **Laboratory Supervisor, Cheyenne Regional Medical Center**

This session will provide an overview of the signs and symptoms of transfusion reactions, review of nursing interventions and laboratory testing when transfusion reaction is suspected, and a review of some case studies.

### **Session #17: Identity Assessment by DNA Analysis**

— Gregory Bocsi, DO, **University of Colorado School of Medicine, Department of Pathology**

This presentation will describe laboratory methods for identity assessment by analysis of human DNA, identify clinical applications of the commonly employed short tandem repeat technology, highlight specimen considerations, and illustrate practical applications including the interpretation of results in representative clinical scenarios.

## Student Forum

Friday, April 11, 2014 • 12:30 - 1:15pm

Come meet other students and ASCLS members!

## Breakout Sessions

Friday, April 11, 2014 • 1:30 – 2:30pm

### **Session #18: Resume Writing**

— Theresa Barbre, MT (ASCP), **Performance Measures Coordinator, Cheyenne VA Medical Center** and Kim Miller MT (ASCP), **Quest Diagnostics**

Examine Resume styles, the do's and don'ts to include and the benefit of an opening cover sheet.

### **Session #19: Best Practices in the Microbiology Laboratory – Avoiding Laboratory Acquired Infections**

— Gale Stevens, MT (ASCP), **Shawna Dereemer, MT (ASCP), Wyoming Public Health Laboratory Preparedness Program**

We will take a brief look back in history of Laboratory acquired infections (LAI) and examine case studies to reinforce the importance of proper use of biological safety cabinets and personal protective equipment.

### **Session #20: "Get Out of the Basement – Our Role"**

— Stephanie Mihane, MLS (ASCP)<sup>CM</sup>, **Point of Care Testing Coordinator, Kaiser Permanente**

This presentation will focus on the laboratorian's role in advancement, acceptance, and success of patient centered care or Point of Care Testing (POCT). We will define patient centered care, the benefits of embracing our new and expanded role, and ways to "step out of the basement" and become an integral part of the care team.

## General Sessions

Thursday, April 10, 2014 • 8:30 - 9:30am **Session #1**

### **Keynote Address**

#### ***In the Wake of Disaster – The University of Colorado Hospital Response to the Aurora Theatre Shooting***

— Patrick M. Conroy, EMT-P, MS, **University of Colorado Hospital**  
On July 20<sup>th</sup>, 2012 the University of Colorado Hospital received 23 victims of the Aurora Theatre Shooting. This session will go into detail in how the hospital responded to this tragedy and what lessons were learned.

Friday, April 11, 2014 • 9:00 – 10:00am **Session #14**

### **General Session**

#### ***Affordable Care Organizations and the Impact on the Lab***

— Rick Panning, MLS (ASCP)<sup>CM</sup>, **VP of Business Development, Fairview Health Services, Minneapolis, MN**

A part of the 2010 Patient Protection and Affordable Care Act is the development of new entities, called Accountable Care Organizations (ACOs). ACOs and other coordinated care models are being designed to focus on outcomes and the overall status of a population of patients for which an organization is responsible. Laboratory professionals have the opportunity to play a critical role in these organizations as improved outcomes and cost effectiveness will be a critical focus.

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Please visit with your vendors in the exhibits area each day.
We are grateful for their continued support and want them to have the greatest opportunity to speak with their customers during this event.
Earn an additional 1 CEU for completing a Vendor Quiz.

Hotel Information

Ramada Plaza and Convention Center,

10 East 120th Avenue

Northglenn, CO 80233

For Room Reservations call:

(303) 452-4100

State you are part of the Clinical Laboratory Collaborative

Conference (indicate group code: CLC) Group Rate

Amazing Room Rate! \$72/night, includes a full breakfast

Call by 3/28/14 in order to guarantee a room at the conference rate.

Directions to hotel available at www.clcconline.org

Breakout Sessions

Thursday, April 10, 2014 • 9:45 - 10:45am

Session #2: Microbiology QA/PI Success Stories

— Linda Zuchowski, MT(ASCP)SM, Microbiology Regional Manager, **Quest Diagnostics**

Learn 2 important, proven ways to positively impact patient outcomes: Utilize tele-microscopy to improve Gram stain accuracy rates in satellite labs. Improve accurate detection of sepsis in compliance with CAP by reporting suboptimal volumes in blood culture bottles.

Session #3: Pitfalls in Coagulation Testing

— Karen A. Moser, MD, Pathologist, **Esoterix-Colorado**

This session presents common sources of interference in specialized coagulation assays. Strategies for identifying interferences are discussed along with case studies to help illustrate these interferences.

Session #4: Non-Immune Causes of Hemolysis

— Nicole L. Draper MD, **University of Colorado Hospital**

A hemolytic transfusion reaction is one of the most feared adverse consequences of a transfusion. It is important to consider non-immune causes of red cell hemolysis that may mimic an HTR and know how to recognize and prevent these impostors. Prompt recognition of hemolysis can be life-saving.

Thursday, April 10, 2014 • 1:00 - 2:00pm

Session #5: In Vitro Allergy Testing: Updates in Component Resolved Diagnosis

— Ronald J. Harbeck, PhD, FAAM, D(ABMLI), Professor and Medical Director, **Advanced Diagnostic Laboratories, National Jewish Health**

Diagnosis of allergy is most often done when a physician reviews a patient's history and finds a positive result for the presence of allergen specific IgE when conducting a skin or an in vitro blood test. In the last few years a new in vitro technique, called component-resolved diagnosis, has entered the field of allergy diagnosis. This new diagnostic tool can characterize the IgE antibodies associated with allergy and discriminate between true sensitization to specific allergens and cross-reactivity.

Session #6: How Molecular Methods Are Improving Microbiology Laboratories

— Christine Robinson Ph.D., Scientific Director - Microbiology/Virology Laboratory **Dept of Pathology and Laboratory Medicine, Children's Hospital Colorado**

Molecular methods now permit microbiology and virology laboratories to provide diagnostic results that are much more sensitive, specific, and rapid than traditional approaches. This session will provide an overview of commercially-available molecular microbiology methods and discuss our experience with the impacts of these tests on workflow, staffing, and patient care.

Session #7: Internal Disasters: Four Examples of 'The Worst That Can Happen'

— Mary Berg, MD, **University of Colorado Hospital**

No disaster plan can cover all possibilities, but if an organization has not experienced a particular type of internal disaster, it can be hard to figure out what a complete disaster plan might cover. This session gives examples of internal disasters and lessons learned from them.

INSTITUTIONAL PASS:

- The institutional pass costs \$300.00, is good for both days, and includes any combination of general sessions and breakouts up to a total of 12.
- Additional single sessions may be purchased for \$25.00 per session.
- All participants are welcome to visit the vendors in the exhibit hall.
- Note that General Sessions are 1 and 14.

Breakout Sessions

Thursday, April 10, 2014 • 2:15 - 3:15pm

Session #8: Endocrinology of Aging

— Chris White, Ph.D., Medical Affairs Scientist, **Beckman Coulter, Inc.**

We will begin with an overview of the endocrine system then discuss the thyroid, pituitary, adrenal and reproductive (women and men) contributions to aging. We'll end the discussion trying to find the science to the question "Is there a fountain of youth?"

Session #9: Test Utilization Management Strategies

— Robert Carpenter, MS, BA, MT (ASCP) and Tony Smith, AAS, MLT (ASCP) **Children's Hospital Colorado**

The clinical laboratory must assume a strong leadership role in ensuring more appropriate use of laboratory tests. With health care reform now well under way, the importance of this quality improvement and cost reduction opportunity is greatly enhanced. Actual case study examples and strategies will be presented and discussed.

Session #10: Hematology Case Reviews

— Jason A. Hicks, MD, **Rocky Mountain Pathology Consultants, P.C.**

With a focus on the peripheral blood smear, we will review 8-10 interesting hematology cases. We will review smear interpretation, cell identification, common and uncommon findings and pitfalls.

Thursday, April 10, 2014 • 3:30 - 4:30pm

Session #11: Using Social Media to Highlight Your Geniuses and Attract New Talent

— Nick Armstrong, CEO and Janitor of **WTF Marketing**

Social media tools can be used to bolster your organization's stature in the market, making YOUR team the one new talent flock to. Troubled by Tweets and flustered by Facebook posts? No worries, we'll cover all your questions and more in this interactive presentation.

Session #12: What Happens in DC does NOT stay in DC! (Regulatory/ Legislative Update)

— Rick Panning, MLS (ASCP)^{CM} VP of Business Development, **Fairview Health Services, Minneapolis, MN**

The Clinical Laboratory is impacted, every day, by the laws passed in Congress and the regulatory changes in the administrative branch of our government. This session will review a number of current issues including: continued threats to laboratory reimbursement, workforce issues, regulations expanding patient access to laboratory information, proposed updates to CLIA and others. We will put this in the context of the current political climate in Washington DC and how it impacts our professions. We will close with a discussion of the role of the laboratory professional in advocating for the profession in the state and national legislative and regulatory arena.

Session #13: Understanding the new IQCP Approach

— Thomasine Newby, BS MT (ASCP), **Bio-Rad Laboratories, Quality Systems Specialist**

Individualized Quality Control Plan is an optional CLIA program for labs who want to assess the viability of their testing program with a patient safety viewpoint. It will become the only program for allowing QC to be reduced from the CLIA default frequency, and will replace Equivalent QC (EQC) in 2016.