



ASCLS
The American Society for
Clinical Laboratory Science

Region V Fall Symposium

**PROGRAM
INFORMATION**

Dates:	October 4-5, 2018
Location:	Earle Brown Heritage Center 6155 Earle Brown Dr Brooklyn Center, MN 55430
Phone:	(763)569-6300
Website:	https://www.earlebrown.com/
Contacts for Meeting or Registration Questions Janice Conway-Klaassen jconwayk@umn.edu Pat Tille, patille@live.com Charlotte Romain marsh397@gmail.com , Sharon Reistad, sreistad@srt.com	
For additional information and meeting contacts for questions, visit the ASCLS Region V Fall Symposium website: www.regionvascls.online	

Thursday, October 4, 2018	
11:00-12:30 PM	Registration
12:30-1:30 PM Session # K-1	<p style="text-align: center;">Keynote: <i>There and Back Again: Enhancing an MLS Program in Afghanistan</i></p> <p>Speaker(s): Janice Conway-Klaassen, PhD, MLS(ASCP)^{cm}, SM^{cm}, FACSc Program Director, University of Minnesota, MLS Program</p> <p style="padding-left: 40px;">Stephen Wiesner, PhD, MT, FACSc Professor, University of Minnesota, MLS Program</p> <p>The University of Minnesota (UMN) received a grant through FHI-360 and USAID to help sustainably strengthen medical educational programs of Kabul University of Medical Science (KUMS) in Afghanistan. KUMS has struggled to achieve expected student outcomes due to limited resources amid complex political and geopolitical challenges. The UMN MLS faculty, in collaboration with host sponsors in Rwanda and India, provided a series of workshops for KUMS faculty on curriculum enhancement, faculty mentorship, instructional design, and laboratory instruction using a train the trainer model. This presentation will showcase the challenges, shared philosophies, and rewarding relationships gained throughout this project.</p> <p>Level of Instruction: Intermediate (1.0 Contact Hour) Objectives: (Upon completion of the session, the participant will be able to)</p> <ul style="list-style-type: none"> • Describe the curriculum restrictions faced by KUMS faculty when designing an MLS curriculum • Discuss the value of laboratory simulations for both low and high resource educational settings. • Discuss the return on investment for MLS programs in the US when working with International partners

Thursday, October 4, 2018	
1:45 – 2:45 PM Session #1	<p style="text-align: center;"><i>Driving Your New Career</i></p> <p>Speaker(s): Alexandra Nussbaum, MLS(ASCP)cm, Microbiologist, Hennepin County Medical Center Samantha Treutel, MLS(ASCP)cm Katie Streufert, MLS (ASCP)cm</p> <p>New to the profession, a student, or have career aspirations but not sure how to set yourself apart from other applicants? This panel discussion will look at 3 different new professionals' journeys into how they are driving their own careers. Together will learn about different programs, volunteer options, workplace opportunities, and educational pathways that will benefit your career in the long run.</p> <p>Level of Instruction: Basic (1.0 Contact Hour)</p> <p>Objectives:</p> <ul style="list-style-type: none"> • Describe how different opportunities can benefit your career path • Identify key places to find opportunities for directing your career path • Explain keys ways to set yourself up for the career you desire
1:45 – 2:45 PM Session #2	<p style="text-align: center;"><i>Better Urine Testing Results: Collaboration of Lab and Nursing for Improved Outcomes</i></p> <p>Speaker(s) Jean Tenuta, MS, MBA, MT(ASCP)DLM, SLS, CQA(ASQ) Medical Affairs Specialist, Becton, Dickinson and Company</p> <p>Attendees will review the relevance of urine testing and current practices, learn about the impetus and impact of practice improvements and be provided with measures to achieve better patient outcomes.</p> <p>Level of Instruction: Intermediate (1.0 Contact Hour)</p> <p>Objectives:</p> <ul style="list-style-type: none"> • Understand the importance of urine testing in patient care • Become aware of the medical and financial impact of poor pre-analytical quality • Learn strategies for minimizing CAUTI and inappropriate antibiotic use
3:15 – 4:15 PM Session #3	<p style="text-align: center;"><i>How to Validate Quantitative Laboratory Assays</i></p> <p>Speaker(s) Anthony Killeen, MD PHD Director of the Clinical Pathology Division, University of Minnesota</p> <p>Most clinical laboratory assays are quantitative. Validation of these requires performance of a specified set of experiments to meet CLIA requirements. In this presentation, we will review the requirements and the steps needed to validate assays. We will review situations in which re-validation of an assay is needed. Mathematical principles will be explained to assist in understanding these steps.</p> <p>Level of Instruction: Basic (1.0 Contact Hour)</p> <p>Objectives:</p> <ul style="list-style-type: none"> • State the CLIA requirements for validation of quantitative assays • List key steps needed to meet the CLIA requirements • Describe situations in which re-validation is needed during routine use of an assay

Thursday, October 4, 2018

3:15 – 4:15 PM
Session #4

Molecular Diagnostics: The New Standard of Care in Virology Detection and Treatment

Speaker(s): Pat Tille, Ph.D. MLS(ASCP) FACSc
Microbiology Advisory Chair, International Federation of Biomedical Laboratory Science, Regional Health , Rapid City SD

Molecular Diagnostics originated in the microbiology laboratory and has slowly provided the opportunity to develop new diagnostic techniques and treatments in human genomics and disease detection. However, as automation has improved including technique in nucleic acid sequencing and amplification, as well as the increase in FDA approved molecular platforms and assays, molecular microbiology has been reinvigorated. Molecular microbiology still remains the department with the highest number of molecular tests as well as they are where the performance of the assays remain the best in relationship to clinical performance, efficacy and cost effectiveness. This presentation will focus on the current recommendations and application of molecular virology in the microbiology laboratory for the detection, quantification for disease progression and treatment, as well as genotyping of HIV, Hepatitis Viruses, EBV, CMV, and BK viruses.

Level of Instruction: Intermediate (1.0 Contact Hour)

Objectives:

- Identify current FDA status and Proficiency Testing available for molecular platforms and methods for major viral infections
- Describe the clinical efficacy for the use of molecular virology associated with the major viral pathogens.
- Identify reasons why molecular diagnostics has become the recommended standard of care for the major viral pathogens.

4:30 – 5:30 PM
Session #5

The Secret to Exceptional Phlebotomy: Great Customer Service Skills

Speaker(s): Karen Larson, MLS(ASCP)CM
Laboratory Supervisor, Allina Health

Geared towards students and anyone practicing or supervising phlebotomy, this session will explore why connecting with patients is a crucial part of the draw. Developing great customer service skills will help you craft exceptional patient experiences, feel more engaged at work, and navigate difficult situations with ease. Discover new resources to expand your customer service knowledge.

Level of Instruction: Basic (1.0 Contact Hour)

Objectives:

- Define the three phases that make up any patient interaction.
- Name additional resources to utilize in their pursuit of mastering customer service skills.
- Create exceptional phlebotomy experiences by practicing top customer service behaviors.

4:30 – 5:30 PM
Session #6

Early Sepsis Indicator-a new tool for the battle against Sepsis

Speaker(s) Matthew Rhyner, PhD, MBA
Director of Global Marketing and Product Management,
Beckman Coulter Hematology and Urinalysis

What if you could know sooner? A new, hematological based marker for the early identification of sepsis. Sepsis is a deadly and costly healthcare burden. Sepsis can be difficult to detect due to confounding symptoms and comorbidities, which can delay treatment. Early identification and treatment are critical to improving patient outcomes, and early administration of appropriate treatment is clearly linked to a reduction in mortality.

Level of Instruction: Intermediate (1.0 Contact Hour)

Objectives:

- Understand the public health and economic impacts of Sepsis
- Understand the link between sepsis and cellular morphology
- Learn about new tools available for detecting sepsis

5:30 – 8:30 PM

Exhibitor Social

Friday, October 5, 2018	
7:00 – 8:00 AM	Registration
8:00 – 9:00 AM Session #K-2	<p style="text-align: center;">Keynote: <i>Management Skills in a Busy World</i></p> <p>Speaker(s): Deb Rodahl, MLS(ASCP) Vice President Operations, St. Joseph's Hospital</p> <p>Today's leaders are expected to do more with less (time and money). How do we manage priorities, people, resources, and problems while ensuring we are in alignment with our organizations goals? This session will discuss some successful tools and strategies for surviving the challenges of the current health care pressure to provide greater value for our patients and customers.</p> <p>Level of Instruction: Basic (1.0 Contact Hour)</p> <p>Objectives:</p> <ul style="list-style-type: none"> • Be able to explain the importance of goal/strategy alignment for working in health care today. • Identify effective resource and time management strategies • Discuss effective quality improvement processes
9:30 – 10:30 Session #7	<p style="text-align: center;">Potential Impact of Molecular Methods on Diagnosis and Antibiotic Stewardship for Patient With Lower Respiratory Tract Infections</p> <p>Speaker(s): Blake Buchan, PhD, D(ABMM) Associate Professor, Department of Pathology, The Medical College of Wisconsin</p> <p>This presentation will review the current methods and guidelines for diagnosis of lower respiratory tract infections and explore the potential impact of multiplexed molecular tests on diagnosis and antibiotic stewardship for patients with these infections.</p> <p>Level of Instruction: Intermediate (1.0 Contact Hour)</p> <p>Objectives:</p> <ul style="list-style-type: none"> • Explain the shortcomings of culture-based methods for diagnosis of lower respiratory tract infections • Understand the correlation between molecular and culture results • Realize the potential impact of molecular tests on antibiotic stewardship
9:30 – 10:30 Session #8	<p style="text-align: center;">Navigating the Highways of PAMA, Lab Test Utilization, and Fee-for-Value</p> <p>Speaker(s): Liana Romero, PhD, MBA, MT Sr. Director, Us Strategic Marketing and Scientific Clinical Affairs, Siemens Healthineers</p> <p>In this presentation, we will explore how current test utilization practices affect healthcare; how value-based healthcare, test utilization, and PAMA align; and how implementing a robust LTU strategy may help laboratories maneuver around the reimbursement potholes and profitably merge onto the value-based healthcare highway.</p> <p>Level of Instruction: Intermediate (1.0 Contact Hour)</p> <p>Objectives:</p> <ul style="list-style-type: none"> • Understand the association between LTU and PAMA • Associate how these important topics merge as part of a long-term, value-based strategy • Realize the role that laboratory plays in this strategy

Friday, October 5, 2018

10:45 – 11:45
AM
Session #9

Clinical Utility of Immature Cell Indices

Speaker(s): Susan Kane, RN BSN
Clinical Specialist, Sysmex

New to the profession, a student, or have career aspirations but not sure how to set yourself apart from other applicants? This panel discussion will look at 3 different new professionals' journeys into how they are driving their own careers. Together will learn about different programs, volunteer options, workplace opportunities, and educational pathways that will benefit your career in the long run.

Level of Instruction: Intermediate (1.0 Contact Hour)

Objectives:

- Introduction of Advanced Clinical Parameters-What is the bone marrow telling us?
- Immature Granulocyte-Is it possible to Band the Bands?
- Reticulocyte Hemoglobin-Early indicator of Iron Deficiency

10:45 – 11:45
AM
Session #10

Retention by Motivation: A Multi-Motivational Modulator

Speaker(s): Kristie Schwarzkopf MLS;, Raedean Hiebert MBA, MLS; Muhammad Riji MLS; and Crystal Paul MLS
Region V Leadership Academy Class

The Region V Leadership Academy participants designed a group project to create several modules for helping MLS/MLT professionals motivate their colleagues and improve work place morale. Each participant created tools that can be used in the work place. Each participant piloted their tools in their work place. During this presentation, the speakers will discuss the various tools that they designed and share their experiences piloting them. The speaker will also share their lessons learned and how everyone can access and use these excellent motivational tools.

Level of Instruction: Basic (1.0 Contact Hour)

Objectives:

- Identify ways to motivate colleagues in one's laboratory or work place.
- Describe how to access and implement various motivational modulator tools.
- Adapt or modify tools for motivation in one's laboratory or work place.

12:00 – 1:15 PM
Session #K-3

***Keynote:
Workplace Bullying***

Speaker(s): Belinda Baro, DHSc, MHA, MT(ASCP)
Senior Director of Clinical Laboratory Operations, Exact Sciences Laboratories

This presentation will discuss workplace bullying and how this differs from workplace aggression and harassment. Additionally, we will discuss characteristics of a bully and of individuals they target, and ideas regarding what employees and organizations can do to help stop and prevent this behavior.

Level of Instruction: Basic (1.0 Contact Hour)

Objectives:

- State the CLIA requirements for validation of quantitative assays
- List key steps needed to meet the CLIA requirements
- Describe situations in which re-validation is needed during routine use of an assay

1:30 – 3:30 PM

Region V President's Council Meeting

***A Special Thank You Goes Out To Our
Supporting Industry
Partners
(Available at time of
publication)***

Abbott Diagnostics	Advanced Instruments	AUDIT MicroControls, Inc.
Becton, Dickinson, & Co.	BioFire Diagnostics	Concordance Healthcare Solutions (Kreisers, Inc)
Diasorin, Inc	Instrumentation Laboratory	Hettich Instruments
McKesson	ASCLS	HealthEast-Fairview Laboratories
Roche Diagnostics	Red Lodge Label	SCIEX
Sysmex America	University of MN Physicians	WSLH Proficiency Testing
Beckman Coulter	Diagnostica Stago	SDSU College of Pharmacy and Allied Health Professionals
Siemens Healthineers	Jays Company	

Registration Fees

	ASCLS Member	Non-Member	Student – ASCLS Member	Student Non-Member
Full Meeting Registration (Thur and Fri)	\$150	\$210	\$70	\$80
One Day (Thurs or Fri)	\$90	\$125	\$45	\$55
Exhibits Only	\$45	\$45	\$45	\$45

A block of rooms has been reserved at the [Embassy Suites North](#) until 9/17/18. The convention special room rate is \$125 + tax (1-4 person occupancy).

Embassy Suites North
6300 Earle Brown Drive, Brooklyn Center, MN 55430 (763) 560-2700

Online Group Page:

https://embassysuites.hilton.com/en/es/groups/personalized/M/MSPBRES-CLC-20181003/index.jhtml?WT.mc_id=POG

Online Website

www.minneapolisbrooklyncenter.embassysuites.com. Enter in the dates of stay, and then select 'add special rate code'. In the 'Group Code' box, enter the following: **CLC**

Phone

Call 763.560.2700 or 1-800-Embassy, and let them know you need to make a reservation in **ASCLS Fall Symposium** block. Let them know the Group Code: **CLC**