

AMAZING EDUCATIONAL SESSIONS

CHAT WITH ATTENDEES



ASCLS
The American Society for
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OREGON



ASCLS
The American Society for
Clinical Laboratory Science
WASHINGTON

2024

Joint Spring Seminar

Virtual

April 18 - 19, 2024

Program Grid

Time	Thursday, Apr 18	Friday, April 19
8:00 - 9:00 am	Optimizing Coagulation Care: The Role of Therapeutic Drug Monitoring	Preceptor Training: A Case Study Approach to Solving Training Challenges
9:30 - 10:30 am	Design and Implementation of Non-Waived Validations of Clinical Assays: A Guide	So You've Got a High Incidence Antibody? How to Set Your Blood Bank up for Success.
11:00 am - 12:00 pm	Navigating Disability in the Life Sciences	Bacteriology Profiling - A Guide to Visually Identifying Colonies and Pathogens
12:00 - 1:00 pm		
1:00 - 2:00 pm	Test Utilization: Making Changes And Tweaking Protocols From The Bench Up	Anti-G: The Master of Disguise
2:30 - 3:30 pm	Updates Concerning Guidelines and Recommendations for Laboratory Analysis in the Diagnosis and Management of Diabetes Mellitus	Changing The Paradigm – Breakpoint Management and Diagnostic Stewardship
4:00 - 5:00 pm	Lean Management System: The Basics	



Times for all sessions are Pacific Daylight Time.

*Presented by the Alaska,
Oregon, and Washington
ASCLS State Societies*



ASCLS-WA is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E. ® Program.

8:00 - 9:00 AM **Session 1** 1 Contact Hour

Discipline: Hematology
Level: Intermediate

Optimizing Coagulation Care: The Role of Therapeutic Drug Monitoring

- **LaShanta Brice, DCLS, MLS(ASCP)^{cm}
SH(ASCP)^{cm}**

Diagnostica Stago, Parsippany, NJ

Explore the critical role of Therapeutic Drug Monitoring (TDM) in optimizing coagulation therapy. This presentation delves into the significance of TDM, relevant laboratory tests, and practical applications in today's clinical laboratory. Additionally, learn how TDM and coagulation results empower healthcare professionals to fine-tune anticoagulation therapy for improved patient outcomes.

- ⇒ Outline the importance of therapeutic drug monitoring (TDM) in managing anticoagulant therapy
- ⇒ Identify key coagulation parameters and laboratory tests used in TDM
- ⇒ Discuss practical applications of TDM in the coagulation laboratory

Sponsor: Diagnostica Stago

9:30 - 10:30 AM **Session 2** 1 Contact Hour

Discipline: Chemistry
Level: Intermediate

Design and Implementation of Non-Waived Validations of Clinical Assays: A Guide

- **Alec Saitman PhD, DABCC (CC, TC)**
LabCorp, Portland, OR

This session will review the regulatory, technical, clinical, financial, and logistical considerations when designing and implementing a validation of a non-waived test as it pertains to point of care. CAP and TJC requirements along with CLSI guidelines will be reviewed and interpreted. Validation design and implementation guidance will be presented in a pragmatic and understandable format using real world validation examples.

- ⇒ Describe the regulatory requirements when validating a non-waived test.
- ⇒ Define which sets of validation experiments need to be completed to comfortably release an assay for clinical use.
- ⇒ Design validation protocols which balance regulatory requirements and also logistical, technical, and time constraints.

11:00 AM - 12:00 PM **Session 3** 1 Contact Hour

Discipline: General
Level: Intermediate

Navigating Disability in the Life Sciences

- **Thomas Burke, MPH**

University of Göttingen, Göttingen, Germany

Professionals with disabilities must make choices based on the realities of their own constraints as well as societal restrictions and even discrimination. Herein, I will discuss my personal experience of disability and how it shaped my career arc from a microbiologist to a specialized food safety expert. The core of the talk will center on how I used models of disability to form my identity as a person with disability and take decisive actions that maximized my career goals in the life sciences. Themes will include disability theory, disability within DEI initiatives, and reasonable accommodation.

- ⇒ Discuss models of disability and how they shape choices as a laboratory professional
- ⇒ Define disability identity and how it fits within society, employment, and DEI initiatives.
- ⇒ Discuss the future for disabled biomedical and laboratory professionals.



**2024 JOINT SPRING SEMINAR
VIRTUAL MEETING
EDUCATIONAL SESSIONS | THURSDAY, APRIL 18, 2024**

1:00 - 2:00 PM Session 4 1 Contact Hour

*Discipline: General
Level: Intermediate*

Test Utilization: Making Changes and Tweaking Protocols from the Bench Up

- Grace Leu-Burke, MSCLS, MLS(ASCP)
University of Alaska Anchorage, Anchorage, AK

Have you ever wondered, why am I running these tests? If so, you are on the path to participate in test utilization. The right test for the right patient at the right time is often used to determine diagnostic laboratory protocols. But sometimes the best generated protocol is not the best use of laboratory testing. In this seminar, I will discuss how bench technologists have more insight into what constitutes the right test and can impact patient care by making their opinions known!

- ⇒ Define test utilization and how it applies to outcome based medicine
- ⇒ Identify opportunities where a bench technologist could recognize poor or inaccurate test usage
- ⇒ Discuss ways to communicate proposed changes in test usage towards improvement of patient care
- ⇒ Demonstrate how active involvement in test utilization increases professionalism and visibility of the bench technologist

2:30 - 3:30 PM Session 5 1 Contact Hour

Discipline: Chemistry Level: Intermediate

Updates Concerning Guidelines and Recommendations for Laboratory Analysis in the Diagnosis and Management of Diabetes Mellitus

- Laura Bechtel, PhD, DABCC
Siemens Healthineers, Littleton, CO

Updated guidelines for Diabetes Management & Care were released by American Diabetes Association and American Association of Clinical Endocrinology in 2022-2023. This presentation will highlight expert committee recommendations for laboratory tests used to support screening, diagnosing, and monitoring patients with diabetes as described in Clinical Chemistry 69:8, 2023. The clinical value for these lab tests as well as preanalytical, analytical, postanalytical considerations will be shared.

- ⇒ Describe who should be screened for diabetes.
- ⇒ Discuss guidelines and recommendations for laboratory analytes used for screening, diagnosing, and monitoring diabetes.
- ⇒ Outline how to monitor kidney disease and dyslipidemia in diabetic patients.
- ⇒ Describe where to access updated guidelines from ADA, AACE and ADLM (formally AACC).

Sponsor: Siemens Healthineers

4:00 - 5:00 PM Session 6 1 Contact Hour

*Discipline: General
Level: Basic*

Lean Management System: The Basics

- Shauna Love, MBA
Salem Health, Salem, OR

This session will introduce participants to the basic concepts of a Lean Management System, including Four Step Problem Solving.

- ⇒ Describe the tenets of Lean
- ⇒ Describe and outline the Four-Step Problem Solving
- ⇒ Describe and apply the Lean Mental Models

**2024 JOINT SPRING SEMINAR
VIRTUAL MEETING
EDUCATIONAL SESSIONS | FRIDAY, APRIL 19, 2024**

8:00 - 9:00 AM **Session 7** 1 Contact Hour
Discipline: General
Level: Basic

Preceptor Training: A Case Study Approach to Solving Training Challenges

- **Rachelle Barrett MS, MLS(ASCP), SBB**
- **Caroline Doty MS , MLS(ASCP)**
Oregon Institute of Technology and OHSU,
Wilsonville, OR

Are you looking to improve your training skills? In this session we will discuss teaching and training techniques that are applicable to the laboratory setting. Using a case study approach, we will explore real life student/preceptor situations and the tools you need to solve them.

- ⇒ Identify learning preferences and behavioral challenges during the training process.
- ⇒ Adjust your training techniques to meet the level of your learner's knowledge, skills, and mindset.
- ⇒ Apply constructive feedback methods to different situations based on the needs of the learner.

Sponsor: Oregon institute of Technology

9:30 - 10:30 AM **Session 8** 1 Contact Hour
Discipline: Immunohematology
Level: Advanced

So You've Got a High Incidence Antibody? How to Set Your Blood Bank up for Success

- **Anna M. Ung, MLS(ASCP)^{CM}, SBB^{CM}**
American Red Cross, Portland, OR

So You've Got a High Incidence Antibody? Preparations and Guidelines for the Blood Bank. This presentation is aimed to help hospital blood bankers make informed decisions to prepare the requesting physician and medical team create a patient blood management plan.

- ⇒ Describe how the Monocyte Monolayer Assay can aid the medical team
- ⇒ Outline the options available to locate antigen negative blood
- ⇒ Describe the role of the American Rare Donor Program in locating rare blood

Sponsor: American Red Cross Portland OR

11:00 AM - 12:00 PM **Session 9** 1 Contact Hour
Discipline: Microbiology *Level: Intermediate*

Bacteriology Profiling - A Guide to Visually Identifying Colonies and Pathogens

- **Caroline Rosenkranz, SM(ACSP)CE, MLS CE**
Multicare Yakima Memorial Hospital, Yakima, WA

Have you ever watched a seasoned Microbiologist read a bench and it looks like they are just shuffling plates like cards? Does it look like they just barely peek at a culture plate, do a quick test and report an organism? Would you like to learn the secret? This course is designed for the beginner Clinical Lab Scientist who is knowledgeable about basic aspects of Microbiology and would like to advance their skills. In it you will learn how to narrow the wide range of possible pathogens in a culture to the most likely candidates. You will also learn how to use visual clues to guess the identity of the pathogen and then confirm it, most with a simple bench test.

- ⇒ Describe colony morphology relating to potential pathogens.
- ⇒ Identify common pathogens with appearance and simple tests.
- ⇒ Name normal flora and pathogens by site.

**2024 JOINT SPRING SEMINAR
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1:00 - 2:00 PM Session 10 1.Contact Hour

*Discipline: Immunohematology
Level: Intermediate*

Anti-G: The Master of Disguise

- Caitlin Rechkemmer, BB(ASCP)

The American National Red Cross, Portland, OR

The G antigen is a compound antigen in the Rh blood group system that masquerades as an anti-D and/or an anti-C. Join me as we discuss the importance of anti-G in prenatal patients and learn how an Immunohematology Reference Laboratory differentiates between anti-D, anti-C, and anti-G in prenatal workups and titrations.

- ⇒ Explain the G antigen and identify which individuals have it
- ⇒ Describe the significance of anti-G in regard to prenatal workups
- ⇒ Discuss how Immunohematology Reference Laboratories differentiate between anti-D, anti-C, and anti-G.

Sponsor: The American National Red Cross

2:30 - 3:30 PM Session 11 1 Contact Hour

*Discipline: Management
Level: Intermediate*

Changing The Paradigm – Breakpoint Management and Diagnostic Stewardship

- Patrick McDanel, Pharm.D., BCIDP

bioMerieux, Eugene, OR

This session will review how susceptibility breakpoints are set/updated by the FDA and CLSI, describe the current landscape of breakpoints in clinical practice, discuss the application of breakpoint verification and validation studies, and introduce the audience to diagnostic stewardship.

- ⇒ Describe the current susceptibility breakpoint landscape in terms of regulatory requirements and current clinical application.
- ⇒ Explain the application of verification and validation studies for breakpoints.
- ⇒ Discuss the definition, rationale, and methodologies for diagnostic stewardship.
- ⇒ Define diagnostic stewardship intervention outcomes.

Sponsor: bioMerieux

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Registration Form

2024 Joint Spring Seminar
April 18 - 19, 2024
Virtual Meeting

Online registration and credit card payment is available at
www.asclswa.org
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For mail registration send this form with a check payable to
Spring Seminar.

First Name _____ Last Name _____
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Category	Fee	Total Fee
ASCLS/AMT Professional/Technical	\$40.00	\$
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Non-Member	\$60.00	\$
Student	\$10.00	\$
Total Fee		\$

Your fee covers two days of the Spring Seminar.

The live sessions will be recorded and available to registered attendees for 30 days after the meeting.

To Register by Mail:

Complete the registration form and mail the registration form and check payable to
Spring Seminar to:

2024 Joint Spring Seminar
Brenda Kochis
44 West 26th Avenue
Spokane, WA 99203-1818

If questions, contact Brenda Kochis:

Email: BrenKoch@comcast.net

To Register Online:

Go to <http://www.asclswa.org/SpringSeminar.html>. Click on "Online Registration" to go to the online form. Credit cards can be used to pay for registration.

Registration Deadline: **April 15, 2024**

This deadline is to allow us to provide the information for access to the Virtual Joint Spring Seminar.
Registration is still open after this date.