

2018 ASCLS-Washington Spring Seminar



**Red Lion Hotel
Renton, WA
April 26 - 27, 2018**



1 Serum vs Plasma - Which Specimen Should You Use

— Jean Tenuta, MS, MBA, MT(ASCP)DLM, SLS, Becton, Dickinson and Company

This session explores the advantages and disadvantages of each sample type, the impact of each on turnaround time, costs, and patient outcomes as an overall indication of quality of laboratory services. Participants will be armed with the knowledge to understand the best sample given their circumstances.

Pre-analytical Best Practices for Blood and Urine Specimens

— Anita Yanik, MSN, RN, Becton, Dickinson and Company

In this session we will review phlebotomy best practices for blood collection, equipment, and how to obtain a quality specimen, as well as identify sources of error. We will also discuss pre-collection and collection procedures for microcollection. Finally we will review infant heelstick collection procedure, references, and resources for blood volume..

Sponsor: Becton Dickinson

2 Emergency Earthquake Preparations: for the Home and the Lab

— Steve LaCroix MS, CBSP, Washington State Public Health Laboratories

— Mark Turner, BS, Washington State Public Health Laboratories

This session will cover basic emergency preparations for the laboratory and at home specifically regarding earthquake preparedness. How prepared are you in your workplace? Are your employees prepared at home so they will be free to come to work and perform their duties? We will go over some strategies and resources that should help you along in your preparations.

Sponsor: WA Department of Health Public Health Laboratories

3 Optimizing Your Antimicrobial Stewardship Programs via “On-Demand” Molecular Testing or Real Time Actionable Results

— Greg Whitlock, PhD, MT (ASCP), Cepheid

— Troy Stillings, PharmD, Cepheid

The need for the development and progression of Antimicrobial Stewardship Programs continues to be a driving force within hospitals with both clinical and regulatory needs on the horizon. As of January 1, 2017, the Joint Commission has now approved a new Medication Management standard that is applicable to hospitals, critical access hospitals, and nursing care centers in regards to expectations of Antimicrobials Stewardship Programs. The speakers will discuss Antimicrobial Stewardship Programs in the Inpatient and Outpatient Setting with focus on decreasing resistance and inappropriate antimicrobial utilization. They will provide an overview of *C difficile* infections and conclude with a brief overview of the utilization of rapid diagnostic testing in Antimicrobial Stewardship Programs.

Sponsor: Cepheid

4 Implementing Patient Safety Principles to Improve Laboratory Services

— Catherine Otto, PhD, MBA, MLS(ASCP)^{CM}, Rutgers University

The Institute of Medicine's report Improving Diagnosis in Health Care highlights the importance of clinical laboratory professionals. This session will discuss how adopting specific recommendations from the report and incorporating patient safety competencies into practice promotes the value of laboratory professionals and improves the quality of patient care.

Sponsor: Seattle Society for CLS

Student Poster Session

There will be a student poster session at this year's ASCLS-WA Spring Seminar. Check the website for more information about the poster topics. P.A.C.E. credits available by answering exam questions.

5

Emergency Hemostasis Testing Transfusion Management of Emergency Hemostasis

- Wayne Chandler, MD, Seattle Childrens Hospital
- Nabiha Saifee, MD, PhD, Seattle Childrens Hospital

This two part session will first review the optimum testing strategies for evaluating hemostasis in the bleeding patient. It will include review of rapid conventional testing (PT, fibrinogen, platelet count, hematocrit) as well as viscoelastic testing. The second part of the session will review the approach to transfusion therapy in these complex patients.

6

You Are What You Eat. Good Nutrition for Everyone Men in Black; Interpreting Lab Values in Renal Failure

- Katy G. Wilkens, MS, RD, Northwest Kidney Centers

You are what you eat will cover 1. What is healthy eating? 2. What are good and bad foods? 3. How can you change your diet and your family's diet to be healthier? Learn how to spot good choices from bad, and how to help yourself make better choices more often. The speaker is a clinical registered dietitian.

Men in Black will examine what does the world of dialysis look like? What is KTV? What is URR? What is a PET test? How are the results produced in the lab used to guide clinicians and patients to make better choices in their care?

7

Essential Skills for Supervision

- Catherine Otto, PhD, MBA, MLS(ASCP)^{CM}, Rutgers University

Effective supervision is an essential feature of providing quality laboratory services. Supervisory skills, like any other skill, can be learned. This session will cover essential skills needed to effectively supervise others: leadership, communication, conflict management and basics of budgeting.

Sponsor: Seattle Society for CLS

8

Drugs of Abuse Testing

- Thomas K. Bane, PhD, PPM, Beckman Coulter Diagnostics

In 2010, the impact of drugs of abuse on the US economy was \$520B due to related crime, lost work, and healthcare. Given the exponential growth of abuse, economic impact, reimbursement tightening and new laws and regulations, there will be great changes in the DAT field in the next 5 years. In this seminar we will discuss the basics of DAT testing; nuts & bolts of testing, regulatory oversight, evolving technology, currently abused drugs, and case studies.

Evolving Use of Cardiac Troponins in the Emergency Department: New Cardiac Guidelines and Early Rule In/Rule Out Protocols

- Thomas K. Bane, PhD, PPM, Beckman Coulter Diagnostics

We will cover the issues facing the ED in rapid diagnosis and triage in patients presenting with chest pain and the role of cardiac troponin measurements in the process. We will discuss recent research and guidelines.

Sponsor: Beckman Coulter

QSEN and Interdisciplinary Collaboration for Safe Patient Care

- Lynn Von Schlieder, MSN, RN, Shoreline Community College

The concepts of Quality and Safety for Education for Nurses (QSEN) originated with the Institute of Medicine's (IOM) recommendations for safe patient care. IOM recommended that "All health professionals should be educated to deliver patient-centered care as members of an interdisciplinary team, emphasizing evidence-based practice, quality improvement approaches, and informatics" and identified five core competencies. This presentation will focus on the competencies to build the bridge to quality between nursing and medical laboratory professionals.

Sponsor: Seattle Society for CLS

9 Massive Transfusion and Obstetrical Hemorrhage Support- Cases and Updates

— Theresa Nester MD, Bloodworks Northwest

Many hospitals work to develop protocols for patients requiring massive transfusion. The literature indicates that such protocols help to reduce mortality. This session will describe recent data that may help to refine hospital protocols, depending on whether the hospital supports trauma patients, obstetrical patients, or non-trauma patients requiring massive transfusion. Where possible a case-based format will be used.

Cord Blood and Transplantation

— Rebecca Haley, MD, Bloodworks

This session will describe the process of cord blood collection, a cell source for hematopoietic stem cells, processing and transplantation. This session will also address outcomes and differences between cord blood stem cell transplants, Bone Marrow Transplants, and Apheresis Stem Cells.

Transfusion Medicine Laboratory Cases Involving Serology and Molecular Testing

— Samantha Harris, BS, Bloodworks

— Lay See Er, MSTM SBB(ASCP)^{cm}, Bloodworks

This session will involve a discussion of advanced Immunohematology techniques used along with red cell molecular testing to solve difficult transfusion medicine cases. **Sponsor: Bloodworks NW**

10 Lab Test Stewardship: A Marriage of Patient Safety and Financial Integrity

— Jane Dickerson, PhD DABCC, Seattle Children’s Hospital

This session will discuss advances in the lab utilization movement, including its re-branding to laboratory stewardship, the need for infrastructure within health systems, and the new recommendations recently published this past fall.

Insert Lab “Values” Here: The Role of the Laboratory in Transgender Health

— Dina N Greene, PhD, DABCC, University of Washington

This session will provide the background healthcare professionals need to better understand what it means to be transgender and how their medical experiences can differ from cisgender individuals. The material will be specifically catered to laboratory professionals using case studies.

11 Locally Acquired *Vibrio vulnificus* Infection in Washington State Associated with Handling Tilapia

— Laurie K. Stewart, MS, Washington State Department of Health Public Health Laboratories

Vibrio vulnificus is a Gram-negative, rod-shaped, halophilic bacterium that causes septicemia and severe wound infections--death occurs in up to half of the cases. Infections in the U.S. are caused by consumption of raw oysters harvested in the southeastern US or by skin exposure to brackish water in the southeastern U.S. In 2016-17, two cases of *V. vulnificus* infection occurred in King County, WA residents who had no history of oyster consumption or travel history. Their only common risk factor? Handling tilapia purchased from live tanks at grocery stores.

Food and Shellfish testing at the Washington State Public Health Lab

— Avi Singh, BS, Washington State Department of Health Public Health Laboratories

This presentation will cover the basics of food and shellfish testing at the Washington State Department of Health Public Health Laboratories. Organisms discussed will include *Vibrio parahaemolyticus*, *Vibrio vulnificus*, coliforms, and other foodborne pathogens. Routine monitoring and surveillance as well as foodborne outbreak testing will be covered.

Managing Marine Biotoxins in Washington State

— David Ikeda, BS, Washington State Department of Health Public Health Laboratories

This session will be an overview of Washington State Marine Biotoxins Program including a history of Public Health’s role and the potential harmful effects of shellfish biotoxin in addition to biotoxin testing.

Sponsor: WA State Department of Health Public Health Laboratories

12 Thrombosis and What to do About It: D-dimer Testing and Anticoagulant Monitoring in the Clinical Laboratory

— Paul Riley, PhD, MBA, Diagnostica Stago, Inc.

D-dimer assays are most useful when demonstrated to have high clinical sensitivity to detect all patients with venous thromboembolism (VTE). This presentation will not only cover the clinical impact of VTE but also how D-dimer and pretest probability utilization potentially saves healthcare dollars by preventing false positives, resulting in fewer unneeded imaging procedures. In addition, information will be presented regarding treatment of thrombosis and anticoagulant monitoring practices, including the impact of direct oral anticoagulants (DOACs) on coagulation assays and screening/ measurement best practices. **Sponsor: Diagnostica Stago**

13

The Role of the Laboratory in Differentiating Thrombotic Microangiopathies: Atypical Hemolytic Uremic Syndrome

— Michelle Glover, PhD, Alexion Biotechnology

In this session we will discuss laboratory tests critical for 1) differentiating Thrombotic Microangiopathies-Atypical Hemolytic Uremic Syndrome (smears, lab values, Adams13) and 2) Paroxysmal Nocturnal Hemoglobinuria-High Sensitivity Flow Cytometry, lab values

Sponsor: Alexion

14

Surviving Instrument Downtime Restructuring of Workflow in the Lab in Today's Tech Shortage Workforce Millennials In Today's Workforce

— Tina J Batsch, MT (ASCP), Newport Hospital and Health Services

Part I-If you have ever worked in a lab, then chances are you have experienced instrument downtime. This session will begin with an example of a worse case scenario result of an instrument being down. Next, back up and work around procedures will be discussed. Finally, a look at the aftermath and how instrument downtime effects the areas of billing and coding, result reporting, and the impact it had on the budget

Part II-Are you spending too much money on contracted temporary staff or running into too much overtime and not enough help? This session points out some options that can help reorganize the workload. We will look at job codes as well as look at waived, moderate-complexity, or high-complexity tests. Finally a look at what to consider if contracted staff is used for staffing

Part III-By 2030 it is predicted that 75% of the workforce will be comprised of Millennials! This session will define what the Millennial generation is and the impact it has in today's workforce. Time will be spent defining characteristics of other generations and how a team can work together in a busy lab.

Sponsor: Newport Hospital Health Services

15

Global Laboratory Systems: Needs, Approaches, and Opportunities

— Lucy A. Perrone, MSPH, PHD, University of Washington, Dept. of Global Health, I-TECH

Achieving, maintaining, and improving diagnostic testing accuracy, timeliness, and reliability are major challenges for clinical and public health laboratories in resource-limited countries. In addition to quality reagents, functioning equipment and infrastructure, and well trained staff among other items, laboratories need leaders who can manage their resources effectively, maximize the laboratory's human resource capacity, communicate effectively with stakeholders, and ensure their laboratory meets the service delivery needs of the community. Only a sound management of quality in health laboratories improves patient care and treatment, and disease surveillance and response. Training laboratory managers and supervisors in leadership and management skills is another step towards achieving quality laboratory practice. This presentation will review what the University of Washington is doing to address this training gap.

Healthcare Tour of Cuba

— Molly Morse, MS, MLS (ASCP), Shoreline Community College

The speaker will discuss a recent healthcare tour of facilities in Cuba. Healthcare is provided in a variety of healthcare settings and is accessible to all. We visited a primary care setting in a village, a polyclinic where 24/7 services were available, and a pediatric care facility. Visitation to the clinical laboratory was limited, but we were able to view laboratories at these facilities. A visit to a nursing program and seeing their lecture hall and skills lab gave us a picture of their commitment to training healthcare professionals. The tour included tourist sites and activities which gave us an opportunities to talk with some of the people.

Sponsor: Seattle Society for CLS

16

Retirement Planning Do's and Don'ts and Sound Investment Strategies

— Dan Dake, Voya Financial Advisors

— Jon Zetlmaier, Voya Financial Advisors

Retirement planning do's and don'ts clinical laboratory professionals will describe the risks involved in achieving your retirement goals. We will present applicable strategies to deal with the risks in order to pave the way to a comfortable retirement. Sound investment strategies will explore three questions: Am I investing correctly? What do I invest in? How do I handle market risk? These and many issues surrounding proper portfolio construction will be discussed.

Sponsor: Sound Investment Strategies

Registration General Information

To Register by Mail:

Complete the registration form and mail the registration form with a check payable to

Spring Seminar to:

2018 ASCLS-WA Spring Seminar
Brenda Kochis
44 West 26th Avenue
Spokane, WA 99203-1818

If questions:

Contact: BrenKoch@comcast.net (email contact is preferred)

Phone: 509-939-8445 (leave message) Call before 8 pm please.

- » **Registration mail by date: April 10, 2018.** This assures that your form will be delivered in time for us to provide you with the handout access information. This is not a deadline date; registration remains open through the seminar.

To Register Online:

Go to www.asclswa.org and click on the Spring Seminar tab. Click on "Online Registration" to go to the online form. Credit cards can be used to pay for registration.

- » Registrants using the online form must have a completed registration submitted by April 20, 2017 to receive lunch if eligible.

- **Lunch** is provided for those who register for two sessions on the same day. Lunch is not provided for those who register for one session a day or for those who register on site.
- **Handouts** for sessions will only be available online. Registrants will be sent the web address, username, and password to access the handouts. Please print your email address clearly.
- **Sessions** are approved for P.A.C.E.® credits.
- **Hotel reservations:** See the website for more detailed information. Please call the hotel for reservations. Mention "ASCLS-WA Spring Seminar" to get the seminar rates.
- **Rates** will be available until April 7, 2018 after which it will revert to standard hotel rates.
- **No "Spring Seminar" Registration refunds** will be issued.

Fees are by session. Sessions are 3 hours (half day). Please register for the membership category that you qualify for. More information about fee categories are on the website at www.asclswa.org tab: Spring Seminar.

Hotel

Red Lion Hotel

One South Grady Way
Renton, WA 98057

Phone: 425-226-7700

Rates: Standard Single King or Two Queen beds
\$105.00 per night plus state and local tax.

Please mention that you are with **2018 ASCLS-WA Spring Seminar** to obtain these rates. Rates are held until April 7, 2018, after which room rates are at the discretion of the hotel.

Registration Form

2018 ASCLS-WA Spring Seminar

April 26 - 27, 2018

Red Lion Inn

Renton, WA

Online registration and credit card payment is available at www.asclswa.org, Spring Seminar Link or Mail this form with a check.

First Name _____ Last Name _____

Address _____

City/State/Zip _____

Phone _____

Institution _____

City/State _____

Email Address _____

Are you willing to serve as a session moderator? Yes No

Circle the sessions you will be attending.

Thursday, April 26	AM	1	2	3	4
	PM	6	6	7	8
Friday, April 27	AM	9	10	11	12
	PM	13	14	15	16

Category	# Sessions	Fee/session	Total Fee
ASCLS/AMT Professional/Technical		\$45.00	\$
ASCLS # _____ AMT # _____			
Special Member		\$60.00	\$
___AABB ___AACC ___ASC ___ASCT ___CLMA ___ASM ___ASH ___ASCP Member number _____			
Non-Member		\$80.00	\$
Phlebotomist		\$35.00	\$
Student		\$25.00	\$
Total Fee			\$

Mail with check to
2018 ASCLS-WA Spring Seminar
Brenda Kochis
44 West 26th Avenue
Spokane, WA 99203-1818

Make check payable to **Spring Seminar**. Full payment in U.S. Dollars must accompany each mailed in registration. Mail the registration form by April 10, 2018.

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Spokane, WA 99203-1818

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The full 2018 Spring Seminar Program and registration form are available on the Internet at the following URL

www.asclswa.org

An online form, updates and other information are on this site.

Student Poster Session

There will be a student poster session at this year's ASCLS-WA Spring Seminar. Check the website for more information about the poster topics. P.A.C.E. credits available by answering exam questions.



Plan to Attend

***2018 Northwest Medical Laboratory Symposium
Holiday Inn, Portland Airport
Portland, OR
October 24 - 27, 2018***

***Watch the website for more information.
www.asclswa.org***