

# **2011 ASCLS-WASHINGTON SPRING SEMINAR**



**Red Lion Hotel at the Quay  
Vancouver, WA  
April 28 - 30, 2011**

# SPONSORS

The 2011 ASCLS-WA Spring Seminar would like to extend its sincere thanks for the following companies and organizations for their support.

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**CLS – MT – MLS; CLT – MLT What do all of the abbreviations mean???**

**Find out on Friday 4:45 - 5:45 pm at the Spring Seminar.**

What are the new requirements now that the National Credentialing Agency (NCA) and the ASCP Board of Registry have merged into the new Board of Certification (BOC)? The ASCLS-WA Spring Seminar is proud to present a session that will answer your questions. Susan Morris, Member of Board of Governors of the ASCP BOC and Past-President of NCA will speak in a special session on Friday afternoon from 4:45 – 5:45 pm. There will be no charge to attend this session, but registration is required. See Session # 16 on page 14 for more information about the presentation. Complete the registration form on page 20.

# Welcome to the 2011 ASCLS-Washington Spring Seminar

Here is some important new information that you need to know!

## Handouts ONLY Available On-line

To keep registration rates as low as possible, the Spring Seminar will no longer provide copies of the session handouts on-site at the meeting. Session handouts will be available for download at the ASCLS-WA website (<http://www.asclswa.org>). Click on the "Spring Seminar" tab. Remember to print copies of the handouts for the sessions for which you registered and bring them to the meeting with you. **No handouts will be provided onsite.** If you are having problems downloading the handout, please contact Brenda Kochis, [BrenKoch@comcast.net](mailto:BrenKoch@comcast.net).

Handouts for the sessions will be available on the ASCLS-WA website approximately 2 weeks prior to the meeting in a password protected area. You will receive the "password" and instructions on how to print the handouts approximately 2 weeks before the meeting. The email will be from [BrenKoch@comcast.net](mailto:BrenKoch@comcast.net), so watch for it. Register early so that you can print the handout material for your sessions. Handouts will NOT be provided for those that register onsite.

## Student Registration

If you are a student in one of the Washington Clinical Laboratory Science education programs listed below, you may register for one half-day session at NO CHARGE courtesy of ASCLS-Washington. See your Program Director for more information about this offer and for help in registering for the 2011 ASCLS-WA Spring Meeting.

Washington Clinical Laboratory Science Educational Programs:

- Clover Park Technical College MLT Program
- Heritage University CLS Program
- Providence Sacred Heart Medical Center MT Program
- Renton Technical College MLT Program
- Shoreline Community College MLT Program
- University of Washington MT Program
- Wenatchee Valley College MLT Program

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## Special Member Registration Rates

Any person currently a member in good standing of the following organizations can qualify for special member registration rates for the meeting (see page19):

AABB (American Association of Blood Banks)

- AACC (American Association for Clinical Chemistry)
- ASC (American Society of Cytology)
- ASCP (American Society of Clinical Pathologists) Laboratory Professional Membership Category
- NOTE: Certification through ASCP only does NOT qualify you for "Special Member" rates.
- ASCT (American Society for Cytotechnology)
- ASH (American Society of Hematology)
- ASM (American Society of Microbiology)
- CLMA (Clinical Laboratory Management Association)

Remember to submit a copy of your membership card with your registration form.

The 2011 Spring Seminar Program and registration form are available on the Internet at the following URL

[www.asclswa.org](http://www.asclswa.org)

Updates and other information will be provided on this site.

## Spring Seminar Committee

General Chair	Leonard Kargacin
Program	Leonard Kargacin Carol Anderson Molly Morse Lynne Nordrum Sigrid Reymond Marianne Strnad
Registration	Edith Milan Kirk Johnsen Jeanne Johnson (Advisor)
Program Design	Tracey King Brenda Kochis
Finance	Kristin Engstrom
Moderators	Kelly Morse
Webmaster	Brenda Kochis
Advisor	Donna Reinbold

## ASCLS-Washington

Region IX Director	Mary Lashinski
President	Donna Reinbold
President Elect	Marianne Strnad
Secretary	Sue Seegers
Treasurer	Mike Gaulke
Past President	Molly Morse

ASCLS-WA Board Meeting and House of Delegates  
Friday, April 29, 2011, 6:00 PM

## Northwest State Society of the American Medical Technologists

President	Jo Abraham
Vice President	C. Ron Cato
Secretary	Susanna Hancock
Treasurer	James Grettner

NWSSAMT Board Meeting and Business Meeting  
Friday, April 29, 2011, 5:30 PM

## Session Information

Registration Hours  
7:30 AM - 8:30 AM  
12:00 PM - 1:00 PM

Scientific Session  
8:30 AM - 12:00 PM  
1:00 PM - 4:30 PM

Coffee Breaks  
10:00 AM - 10:30 AM  
2:30 PM - 3:00 PM

**Lunch** is from 12:00 - 1:00 PM each day. Individuals pre-registered for **an AM and a PM session on the same day** will be provided lunch. Lunch cannot be guaranteed for onsite registrants.

**Name Badges** are required for entrance to all sessions.

**Smoking:** There is no smoking during the sessions or in the Hotel..

**Dress:** Casual business dress is appropriate.

**Cell Phones/Pagers:** As a courtesy to the speakers and registrants, all cell phones and pagers must be turned off during the sessions.

**Meeting Room Assignments:** The meeting room assignments will be printed on the session sheet in your registration packet. A floor plan will be available at the registration desk.

## Session Accreditations

P.A.C.E.® and AMTIE credits have been approved for all appropriate sessions.

ASCLS-WA is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® program. Additionally, ASCLS-WA is approved as a provider for California clinical laboratory licensees under P.A.C.E.® California accrediting agency license number 0001. ASCLS-WA will be using CE Organizer for documentation of continuing education credits. Please make note of the P.A.C.E.® number and the session number that will be given to attendees in each session after the session break. Without this information, the attendee will not be able to obtain their electronic certificate.

Be prepared to list your social security number for the AMTIE rosters. NWSSAMT is the approved provider for AMTIE CECs and insures that these educational presentations conform to standards established by AMTIE.



**Thursday, April 28, 2011**

## **Session # 1**

8:30 AM - 12:00 PM  
3 Contact Hours  
Intermediate

### **Flow Cytometry: Making Sense Out of All the Fluorescence**

This session will help introduce some of the basics of Flow Cytometry to our laboratory professionals. The session will cover general design of flow cytometers, basic immunology, and phenotypes of various neoplasms. We will also explore how cytometers are used to help evaluate other diseases and therapies.

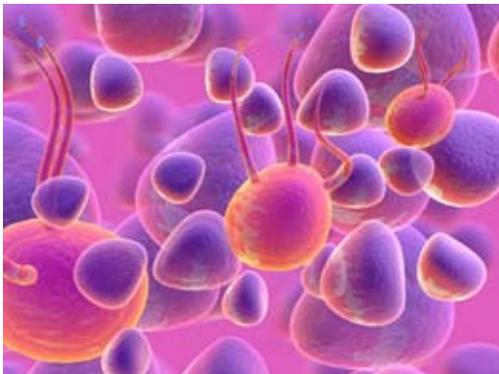
At the end of the session, participants will be able to:

- ✓ Describe the basic design of a flow cytometer,
- ✓ Describe how to distinguish normal from abnormal in flow cytometry, and
- ✓ Describe how to distinguish between basic lymphoma and leukemias.

#### **DAVE OSBORN, MT(ASCP)**

Senior Cytometry Account Manager  
Beckman-Coulter  
Miami, FL

***This session is sponsored by Beckman Coulter, Inc.***



#### **Handouts**

Handouts are only available online at [www.asclswa.org](http://www.asclswa.org). Several weeks before the Seminar, Registrants will receive an email from [BrenKoch@comcast.net](mailto:BrenKoch@comcast.net) with session confirmations and instructions for accessing the handouts. Be sure to print them and bring them with you to the meeting. No handouts will be available onsite.

**Thursday, April 28, 2011**

## **Session # 2**

8:30 AM - 12:00 PM  
3 Contact Hours  
Intermediate

### **Vitamin D**

This presentation will address the clinical uses of vitamin D measurement including vitamin D deficiencies and current uses in risk assessment. It will also document the methods used for measuring this vitamin and look at future applications of vitamin D measurement

At the end of the session, participants will be able to:

- ✓ Describe the uses of vitamin D measurements in risk assessment,
- ✓ Evaluate the different methods for measuring vitamin D, and
- ✓ Describe the needs for accuracy in laboratory assessment.

#### **NANCY J HALEY, PhD**

Senior Clinical Specialist, Disease State Marketing  
Siemens Healthcare Diagnostics  
Armonk, NY

*This session is sponsored by Siemens Healthcare Diagnostics.*

## **Session # 3**

8:30 AM - 12:00 PM  
3 Contact Hours  
Intermediate

### **The Inner Game of Communication**

The most skillful of communicators develop their skills on a multitude of levels: establishing a relational space, high level listening and negotiation skills, and emotional resiliency. Like sports, there is also an Inner Game which comes into play so that those skills are available at the time when you most need them. This session will challenge you to take your communication skills to a higher level. There will be special emphasis on how to handle challenging listening situations and developing your Inner Game.

At the end of the session, participants will be able to:

- ✓ Describe the principles of "taking the lead" in communication,
- ✓ Develop skills for listening in situations when you are in direct disagreement, and
- ✓ Identify specific strategies for improving your "inner game" of communication.

#### **PATTI LIND, MA**

Communication Consultant  
Marylhurst University  
Portland, OR



**Thursday, April 28, 2011**

**Session # 4**

8:30 AM - 12:00 PM  
3 Contact Hours  
Intermediate

**The Coming Revolution in the Assessment and Treatment of Hepatitis C**

The discovery of the Hepatitis C Virus (HCV) as the cause of non-A non-B hepatitis twenty years ago led to the recognition of its enormous contribution to serious liver disease worldwide. It also led to the implementation of effective blood screening programs and the use of interferon and ribavirin for treatment of chronic infection. Although this treatment is very effective for some HCV types, only half of infections caused by the most common HCV type found in the U.S. are cured. In 2011 two new protease inhibitor drugs are expected to become available in the U.S. Based on initial trials, new combination therapies using these and novel nucleoside drugs are expected to significantly increase the number of individuals who can achieve a sustained treatment response. In addition, within the last 2 years, human genetic markers have been discovered which strongly predict which individuals are most likely to respond to therapy.

This presentation will review recent progress in assessment and treatment of HCV. It will describe how advanced methods of viral detection and typing are used to assess likelihood of treatment response and to guide therapy. An overview of treatment success with soon to be approved drugs will be discussed. In addition, the near future use of these tools in combination with information from human genetic typing in an integrative approach to patient care will be considered. Finally, progress in the assessment of patients with Hepatitis B Virus (HBV) will also be reviewed.

At the end of this session, participants will be able to:

- ✓ Discuss recent progress in the assessment and treatment of HCV,
- ✓ Discuss treatment success with soon to be approved drugs, and
- ✓ Discuss progress in the assessment of patients with Hepatitis B Virus.

**DAVID R. HILLYARD, MD**

Professor, University of Utah School of Medicine  
Salt Lake City, UT

***This session is sponsored by ARUP Laboratories.***



**Handouts**

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**Thursday, April 28, 2011**

## **Session # 5**

1:00 - 4:30 PM  
3 Contact Hours  
Intermediate

### **Compliance & HIPAA: What's New, What's Changed and Why Should You Care? How These Issues Affect Every Laboratorian.**

Compliance with Medicare and Office of Inspector General (OIG) regulations as well as HIPAA Privacy and Security Rules are not to be taken lightly in today's laboratory environment. Responsibility for this compliance cannot rest only with the lab's or the facility's or the organization's "compliance officer". Every laboratorian should be aware of his/her personal responsibility for compliance as well as their opportunity to help their laboratory have an effective compliance program.

At the end of the session, participants will be able to:

- ✓ Describe new compliance-related requirements for laboratories,
- ✓ Describe changes to HIPAA that have laboratory implications, and
- ✓ Develop tools to monitor compliance with regulatory requirements.

#### **MARGUERITE BUSCH, BS, MT(ASCP), MA**

VP/Chief Compliance and HIPAA Privacy/Security Officer  
Pathology Associates Medical Laboratory  
Spokane, WA

***This session is sponsored by Pathology Associates Medical Laboratories.***

## **Session # 6**

1:00 - 4:30 PM  
3 Contact Hours  
Intermediate

### **Biomarkers of Sepsis: Procalcitonin**

Sepsis is a complex clinical syndrome that is a leading cause of death worldwide. Onset can be rapid, with mortality occurring in as little as 24-48 hours. Pathogenesis is often associated with the "cytokine storm", an uncontrolled response of the immune system, which can lead to hemodynamic instability and organ failure. Clinical symptoms alone are often insufficient for an early and accurate diagnosis, reducing an already limited window for effective treatment. This presentation will discuss emerging biomarkers of sepsis that may allow for a more rapid and accurate diagnosis, resulting in earlier intervention and improved patient outcomes.

At the end of the session, participants will be able to:

- ✓ Describe the current definition of sepsis,
- ✓ Discuss the differences between the systemic inflammatory response (SIRS) and sepsis, severe sepsis, and septic shock, and
- ✓ Identify the clinical value for early identification of sepsis.

#### **NANCY J HALEY, PhD**

Senior Clinical Specialist, Disease State Marketing  
Siemens Healthcare Diagnostics  
Armonk, NY

***This session is sponsored by Siemens Healthcare Diagnostics.***

**Session # 7**

1:00 - 4:30 PM  
3 Contact Hours  
Intermediate

**Diagnosis and Clinicopathologic Spectrum of Infectious Mononucleosis and Other EBV Associated Disorders**

This session will review characteristics of EBV associated infectious mononucleosis including the clinical and laboratory correlation required in establishing the diagnosis, discuss peripheral blood findings as well as basic lymph node patterns associated with primary EBV infection, and will touch briefly on the large variety of EBV associated lymphoproliferative disorders.

At the end of the session, participants will be able to:

- ✓ Outline the significance of testing in infectious mononucleosis including EBV serologies and viral load,
- ✓ Recognize characteristic peripheral blood findings, and
- ✓ Describe the large variety of EBV associated lymphoproliferative disorders.

**NICKY LEEBORG, MD**

Assistant Professor in Department of Pathology  
Hematopathologist  
Oregon Health & Sciences University  
Portland, OR

**Disorders of Red Blood Cell Proteins and Benign Disorders of Leukocytes**

In this portion of the session, Dr. Kelemen will describe hereditary disorders of structural and functional RBC proteins. She will discuss the morphologic features of different protein disorders in peripheral blood smears and review specific hematology tests helpful in the diagnosis of these diseases. She will discuss the broad spectrum of benign morphologic and functional disorders of leukocytes. Finally, Dr. Kelemen will review the morphologic features associated with these disorders in peripheral blood smears and review the diagnostic tests used in their diagnosis.

At the end of the session, participants will be able to:

- ✓ Describe hereditary disorders of structural and functional RBC proteins,
- ✓ Recognize morphologic features of different protein disorders in peripheral blood smears and review specific hematology tests helpful in the diagnosis of these diseases,
- ✓ Describe a broad spectrum of benign morphologic and functional disorders of leukocytes, and
- ✓ Recognize morphologic features associated with these disorders in peripheral blood smear and review diagnostic tests used in the laboratory in their diagnosis.

**KATALIN KELEMEN, MD, PhD**

Assistant Professor of Pathology  
Director, Clinical Hematology Laboratory  
Department of Pathology, Oregon Health & Science University  
Portland, OR

**Thursday, April 28, 2011**

**Session # 8**

1:00 - 4:30 PM  
3 Contact Hours  
Intermediate

**Clinical Microbiology and Antimicrobial Susceptibility Testing Related Topics**

This session will be a review of the revised CLSI guidelines for antimicrobial testing of the Enterobacteriaceae with the cephalosporins and carbapenems, the latest on stool testing in the microbiology laboratory, and of verification testing for FDA approved assays.

At the end of the session, participants will be able to:

- ✓ Describe the reasons for the CLSI changes with the Enterobacteriaceae,
- ✓ Describe an implementation of the new CLSI guidelines in their laboratory,
- ✓ Describe the new CDC guidelines for STEC testing,
- ✓ Define how to implement a *Clostridium difficile* testing algorithms in their laboratory, and
- ✓ Discuss the protocol for verifying a new test in the clinical laboratory.

**SUSAN E. SHARP, PhD, DABMM**

Regional Director of Microbiology  
Kaiser Permanente - NW  
Portland, OR



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**Session # 9**

8:30 AM - 4:30 PM  
6 Contact Hours  
Intermediate

**Making it Work: Creating and Supporting Powerful and Productive Teams**

Does any of this sound familiar in your organization?

- » You try to make decisions inclusively but run into time pressures and complaints about too many meetings.
- » People are unclear about decisions that have already been made.
- » Employees say they lack needed information to do their jobs.
- » Committees and work groups keep getting stuck.

As organizations and individuals, our success depends on our ability to work together including making sound decisions that lead to committed action. People are part of teams not only in the workplace, but in their private lives as well. Whether you are responsible for forming a team or are a member of a team, this all day, highly participatory workshop will give you powerful, easy-to-use tools to enhance decision-making, communication, and productivity in your team or organization.

At the end of the session, participants will be able to:

- ✓ Identify common causes of communication and decision-making breakdowns,
- ✓ Choose when to use each of a variety of decision-making approaches and roles, and
- ✓ Use and teach several simple, powerful tools for unearthing conflicting assumptions that can undermine decisions and their implementation, and getting unstuck when your group is at an impasse.

**TASHA HARMON, CPCC**

Owner and Lead  
Life Work Changes  
Portland OR

**Session # 10**

8:30 AM - 12:00 PM  
3 Contact Hours  
Intermediate

**Laboratory Monitoring of Heparin Therapy**

This session will give an overview of the discovery, structure, and function of heparin; compare different types of heparin; cover the clinical use and complications of heparin; and discuss heparin monitoring including current recommendations and future possibilities.

At the end of the session, participants will be able to:

- ✓ Describe the role of heparin as an anticoagulant,
- ✓ Review regulatory requirements and laboratory methods for heparin monitoring, and
- ✓ Describe procedures for establishing a therapeutic range.

**BRIANNA HENDRIX, MLS(ASCP)<sup>CM</sup>**

Clinical Hemostasis Specialist  
Beckman Coulter Inc.  
Brea, CA

***This session is sponsored by Beckman Coulter, Inc.***

**Friday, April 29, 2011**

## **Session # 11**

8:30 AM - 12:00 PM  
3 Contact Hours  
Intermediate

### **Changing How the World Looks at TB – Modern Diagnostics Applied to an Age-Old Problem**

Tuberculosis (TB) is a contagious disease caused by a bacterium called *Mycobacterium tuberculosis*. According to the World Health Organization, about one person dies of TB every 17 seconds, causing nearly 2 million deaths annually. TB continues to be a contagious scourge in developing countries, and with the world shrinking rapidly due to global migration, it is a major public health threat in developed nations as well, including the United States. QuantiFERON®-TB Gold (QFT) is a simple blood test that accurately identifies people infected with *Mycobacterium tuberculosis*, the causative agent of Tuberculosis (TB). As a modern alternative to the 110 year old Tuberculin Skin Test (TST), also known as the Mantoux, QFT offers unmatched specificity, high sensitivity and simplicity. QFT enables focused TB therapy by providing clinicians with an accurate, reliable and convenient TB diagnostic tool.

At the end of the session, participants will be able to:

- ✓ Discuss the global impact of tuberculosis, and
- ✓ Outline modern approaches to TB control.

#### **CHRISTIAN STOECKIGT, PHD, MSc**

Director, Global Technical Services  
Cellestis Inc  
Valencia CA

***This session is sponsored by Cellestis, Inc.***

## **Session # 12**

8:30 AM - 12:00 PM  
3 Contact Hours  
Intermediate

### **The Challenging Role of the Lab in Effective Pain Management**

This presentation will highlight the critical roles played by the physician, the laboratory, and the federal government as they attempt to manage and regulate the managed pain patient. The attendee will gain insight into the challenges faced by the laboratory as they seek to support the physician in their pursuit to validate the legitimate use of pain medications in their patients.

At the end of the session, participants will be able to:

- ✓ Identify the impact of federal regulation on physician managed patient care,
- ✓ Relate the valid and invalid use of pain medications,
- ✓ Describe the analytical challenges the lab faces in effectively identifying the various prescribed drugs,
- ✓ Describe the critical need and risk the patient faces for accurate testing,
- ✓ Identify the pitfalls frequently associated with the laboratory pursuit of a pain management program, and
- ✓ Discuss the analytical challenges in testing and interpreting the long term pain management patient.

#### **J. ELLIOTT BRIGGS, BS, MT, CT(ASCP)**

Technical Operations Manager, Toxicology Department  
Pathology Associates Medical Laboratories  
Spokane, WA

***This session is sponsored by Pathology Associates Medical Laboratories.***

**Friday, April 29, 2011**

## **Session # 13**

1:00 - 4:30 PM  
3 Contact Hours  
Intermediate

### **Everything You Wanted To Know About Tissue Donation**

This session will provide an overview of tissue banking including donation, recovery, donor screening and testing. Quality control (QC) testing, microbiology considerations, regulations for tissue processing, and recipient tracking will be discussed.

At the end of the session, participants will be able to:

- ✓ Discuss the processes involved to provide high quality donate human tissue for transplantation, and
- ✓ List required laboratory and QC tests.

#### **SANDRA STEELE, RN, MS, FACHE (R)**

Hospital Services Manager

#### **SHANNA MATTSON, BS**

PRODUCT SERVICES SUPERVISOR

#### **DEBBI SODERBERG, CTBS**

Technical Operations Manager

Northwest Tissue Services

Seattle, WA

***This session is sponsored by Northwest Tissue Services***

## **Session # 14**

1:00 - 4:30 PM  
3 Contact Hours  
Intermediate

### **Molecular Detection *C. difficile* and Respiratory Pathogens**

Molecular diagnostic testing is becoming an increasingly important tool in the clinical and public health laboratory. Molecular diagnostics is being applied to a wide range of diseases including bacterial and viral pathogens. The methodologies allow laboratories to improve the testing services offered to its customers. This session will discuss the use of molecular diagnostic testing in the diagnosis of diarrhea caused by *Clostridium difficile* as well as respiratory pathogens such as H1N1.

At the end of the session, participants will be able to:

- ✓ Discuss the importance of the detection of *C. difficile* by molecular methods, and
- ✓ Discuss the use of molecular diagnostic testing in respiratory illness.

#### **CURT A. GLEAVES, MS F(AAM)**

Chief Molecular Scientist

Southwest Washington Medical Center

Vancouver, WA

***This session is sponsored by Portland Area Laboratory Consortium for Education (PALCOE)***

**Friday, April 29, 2011**

## **Session # 15**

1:00 - 4:30 PM  
3 Contact Hours  
Intermediate

### **Toxicology Overview: Practice, Patients, and Prescription Drug Abuse**

This session will be an overview of clinical drugs of abuse testing. We will focus primarily on what clinicians order, why they order the testing and how to interpret results. We will focus on prescription drug abuse and pay particular attention to the Opiate drug class.

At the end of the session, participants will be able to:

- ✓ Differentiate TDM, drug screening and drug confirmation,
- ✓ Identify the five major classes of drugs screened for, give their basic mechanism of action, their indications and their abuse profiles,
- ✓ Discuss opiate metabolism as it relates to interpretation for a drug confirmation report,
- ✓ List ways in which samples can be adulterated and how adulteration may be detected,
- ✓ Compare and contrast clinical screening with SAMHSA and forensic testing,
- ✓ Define drug schedules and provide examples of drug-seeking behavior from patients,
- ✓ Define and explain the significance of drug detection cut-offs values, and
- ✓ Describe how cross reactivity in drug screening immunoassays are both beneficial and problematic and explain the role of confirmation with GC-MS.

#### **KEVIN FOLEY MT(ASCP), SC<sup>CM</sup>, PhD, DABCC**

Regional Director of Chemistry  
Kaiser Permanente NW  
Fairview OR

## **Session # 16**

4:45 - 5:45 PM  
1 Contact Hours  
Intermediate

### **CLS + MT = MLS**

The combination of two of the largest laboratory certification organizations in 2009 was a landmark event for laboratory professions. This session will cover the implications for current and future laboratory professionals, and the challenges the laboratory industry will face as we move forward with the Board of Certification

At the end of the session, participants will be able to:

- ✓ Describe the benefits to laboratory career recruitment of the unified credentialing agency,
- ✓ Explain how this will impact credential designations for generalists currently in the field, and
- ✓ Discuss how the Certification Maintenance Program enhances recognition of professionalism.

#### **SUSAN MORRIS, MPH, MLS(ASCP)<sup>CM</sup>**

Patient Safety Officer  
St. Luke's Magic Valley Medical Center  
Twin Falls, ID

***This session is sponsored by ASCLS-WA.***

**Please note that there is **no charge** for this session, but registration is necessary. Please circle session 16 on the registration form. The time for this session is 4:45 - 5:45 after the regular afternoon session. This session is P.A.C.E. accredited for one contact hour.**

**Saturday, April 30, 2011**

## Session # 17

8:30 AM - 12:00 PM  
3 Contact Hours  
Intermediate

### Patient Safety: Just Culture in the Workplace

When mistakes occur at work, we can focus on assigning blame to the person who made the mistake, or we can learn from the mistake so we can prevent future harm. Using a Just Culture framework can help ensure accountability and fair treatment, while emphasizing learning rather than blame.

At the end of the session, participants will be able to:

- ✓ Describe how blaming individuals for errors diminishes patient safety,
- ✓ Explain how a Just Culture is different from a no-blame culture, and
- ✓ List some examples of errors that should result in disciplinary action within a Just Culture workplace.

#### **SUSAN MORRIS, MPH, MLS(ASCP)<sup>CM</sup>**

Patient Safety Officer  
St. Luke's Magic Valley Medical Center  
Twin Falls, ID

*This session is sponsored by NPSSCLS.*

## Session # 18

8:30 AM - 4:30 PM  
6 Contact Hours  
Intermediate

### A Visual Stroll through Hematology

This all day session will be a visual overview of many hematologic disorders of the red and white blood cells. There will be a brief discussion defining characteristics and clues to differentiate between similar disorders. A morphologic review will be available to see the differences between similar disorders. The World Health Organizations 2008 revision will be discussed through morphology.

At the end of the session, participants will be able to:

- ✓ Describe the cause of the defining characteristics found in many RBC and WBC disorders, and
- ✓ Demonstrate an in-depth review of the morphology associated with these disorders.

#### **KEILA POULSEN, BS MLS(ASCP)<sup>CM</sup> H, SH**

Hematology/Histology Supervisor  
Eastern Idaho Regional Medical Center  
Idaho Falls, ID

*This session is sponsored by Beckman Coulter, Inc.*

#### Handouts

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## **Phlebotomy Update**

Proper phlebotomy technique is critical to specimen quality for clinical laboratory testing. The speakers for this session will present information on phlebotomy technique, patient interaction, and legal implications of phlebotomy. Specifically, the speakers will review pre-analytical errors that can affect sample integrity, patient test results and discuss safety concerns for both the phlebotomist and the patient. There will be a discussion of techniques shared by phlebotomists in performing sample collection on adults and pediatric patients. Suggestions will be presented for understanding and interacting with the geriatric patient and pediatric patient in order to assure positive interactions as well as successful blood collection and outcomes.

The speakers will present real legal cases involving phlebotomy-related injury and their outcomes. Case study presentations will encourage audience participation. In addition, they will discuss ways to avoid becoming involved in a lawsuit – as a phlebotomist, a supervisor, or a consumer. Knowledge of current CLSI is helpful but not necessary.

At the end of this portion of the session, participants will be able to:

- ✓ Discuss preanalytical factors affecting sample quality,
- ✓ Discuss safety measures for phlebotomist and patient,
- ✓ Describe techniques for the pediatric, adult and elderly patient.
- ✓ Discuss the current CLSI standards associated with phlebotomy,
- ✓ Define basic legal application/law as far as malpractice is concerned, and
- ✓ Describe/ discuss the potential harm that can be done by an inexperienced and/or uneducated phlebotomist.

### **ALICIA QUIGLEY**

Phlebotomy and Support Services Supervisor  
Adventist Medical Center  
Portland, OR

### **LISA G. COUNTRYMAN-JONES BS, MLS(ASCP), CLS (CA), CPT**

MLT Program Clinical Laboratory Practice Coordinator/Faculty  
Portland Community College  
Portland, OR

**Saturday, April 30, 2011**

## **Session # 20**

8:30 AM - 12:00 PM  
3 Contact Hours  
Intermediate

### **HIV Screening: New Assays, New Algorithms**

The Centers for Disease Control and Prevention is proposing changes to the HIV testing algorithm to improve the chances of counseling HIV infected persons and modify their behavior in an effort to limit disease transmission during the most infectious period. This session will highlight the changes and explain the technical and scientific reasons for the changes.

At the end of the session, participants will be able to:

- ✓ Compare and explain the various methods currently available for HIV screening and HIV confirmation,
- ✓ Compare and explain the current testing algorithm to the proposed algorithm, and
- ✓ Explain the need for decreasing the window period of detection.

#### **GINGER WEEDEN, MT(ASCP)**

Global Marketing Manager, Retrovirus  
Bio-Rad Laboratories  
Benicia, CA

***This session is sponsored by Bio-Rad Laboratories.***

The 2011 Spring Seminar Program and registration form are available on the Internet at the following URL

[www.asclswa.org](http://www.asclswa.org)

Updates and other information will be provided on this site.



**Session # 21**

8:30 AM - 12:00 PM  
3 Contact Hours  
Intermediate

## Overview of Quality Control

The speaker will present an overview of quality control (QC) in the clinical laboratory. QC in the clinical laboratory is designed to reduce errors in the analytical phase of testing with the ultimate goal of improving patient test results and safety. The speaker will review how QC fits into the overall laboratory quality management plan. He will discuss the QC process, data, statistics, data review, and management.

At the end of this portion of the session, participants will be able to:

- ✓ Discuss the importance of QC in the laboratory quality management plan, and
- ✓ Discuss the essential aspects of an effective QC program.

### **TIM LOMBARDI**

Quality Systems Specialist  
Bio-Rad Laboratories  
Benicia, CA

*This portion of the session is sponsored by Bio-Rad Laboratories*

## Calibration Verification

This session will review the CLIA regulations and requirements as they pertain to calibration verification. During the session, the speaker will provide an overview of definitions, frequency, and how to perform calibration verification.

At the end of this portion of the session, participants will be able to:

- ✓ Define calibration verification,
- ✓ Discuss how to perform calibration verification, and
- ✓ Discuss how to troubleshoot for failed calibration verification.

### **MARIO GASTELUM**

National Sales Manager  
Audit MicroControls, Inc.  
Carlsbad, CA

*This portion of the session is sponsored by Audit MicroControl, Inc.*

### Handouts

Handouts are only available online at [www.asclswa.org](http://www.asclswa.org). Several weeks before the Seminar, Registrants will receive an email from [BrenKoch@comcast.net](mailto:BrenKoch@comcast.net) with session confirmations and instructions for accessing the handouts. Be sure to print them and bring them with you to the meeting. No handouts will be available onsite.

**Saturday, April 30, 2011**

## **Session # 22**

1:00 - 4:30 PM  
3 Contact Hours  
Intermediate

### **Patient Safety: Involving Patients and Families in Their Laboratory Services**

As part of a national agenda for improving the safety of healthcare, The Joint Commission is recommending that accredited healthcare organizations encourage patients' active involvement in their own care as a patient safety strategy. Laboratories have interactions with the majority of hospital patients, and have an opportunity to take the lead on developing systems for patient involvement within their organizations. Participants will learn about the challenges that must be resolved, and share strategies that their organizations are using to achieve compliance and improve the safety of the care they provide.

At the end of the session, participants will be able to:

- ✓ Describe several ways that involvement with patients can improve the safety of laboratory care and services,
- ✓ List patient rights related to laboratory testing, and
- ✓ Identify three resources available to laboratories to encourage patient involvement and communication.

**SUSAN MORRIS, MPH, MLS(ASCP)<sup>CM</sup>**

Patient Safety Officer  
St. Luke's Magic Valley Medical Center  
Twin Falls, ID

*This session is sponsored by NPSSCLS.*

## **Session # 23**

1:00 - 4:30 PM  
3 Contact Hours  
Basic

### **Career Resilience in a Performance-Pressured Environment**

This will be an interactive-based learning session based on the principles of achieving high performance in a highly pressured environment. The participants will complete several self-assessment tools, evaluate personal/professional practices that undermine sustained performance, and learn about alternate ways of working that build resilience and effectiveness.

At the end of the session, participants will be able to:

- ✓ Demonstrate recognition of behaviors that compromise work performance,
- ✓ Develop individual plans to modify current interfering habits,
- ✓ Discuss the importance of reinforcing systems, and
- ✓ Identify methods to improve their effectiveness and strength in the workplace.

**PATRICIA PETERS, RN, BSN**

Individual Consultant, Executive Coach  
Tricia Peters Consulting / Lind Consulting Group  
Lake Oswego, OR

# Registration Terms and Conditions

Fees are listed for each category. To ensure adequate processing time, please postmark your registration by **April 1, 2011**. Lunch will not be guaranteed to on-site registrants. **Handouts will NOT be available to on-site registrants so register early! Handouts will ONLY be available on-line! Please be certain you write your email address clearly.**

Lunch is included in the registration fee for persons who are pre-registered for **an AM and a PM session** on the same day. Lunch is not provided for registrants that sign up only for an AM or PM session or who register on-site.

## Attendance Categories

**Member:** Any person who is a current member in good standing of the American Society for Clinical Laboratory Science (ASCLS) or the American Medical Technologists (AMT). Please list your membership number in the appropriate space on the registration form. Anyone joining ASCLS and mailing both pages of the completed membership application with your registration form with the registration is eligible for member rates. Please include both pages of the membership application along with your check payable to ASCLS.

**Special Member:** Any person currently a member in good standing of the following organizations:

**AABB** (American Association of Blood Banks); **AACC** (American Association for Clinical Chemistry);

**ASC** (American Society of Cytology); **ASCT** (American Society for Cytotechnology); **ASH** (American Society of Hematology); **ASM** (American Society of Microbiology); **CLMA** (Clinical Laboratory Management Association). **ASCP Laboratory Professional Membership Category** (American Society for Clinical Pathology). **NOTE: Certification through ASCP only does NOT qualify you for "Special Member" rates.** Please submit a copy of your membership card with your registration form.

**NOTE: Certification through ASCP only does NOT qualify you for "Special Member" rates.** Please submit a copy of your membership card with your registration form.

**Student:** A student is defined as any person who is engaged at least half-time in a recognized program leading to either an associate's or bachelor's degree in a clinical laboratory science or one who is in a recognized Clinical Laboratory Internship program.

**Phlebotomist:** A phlebotomist is defined as any person whose primary responsibility is phlebotomy. Medical Assistants are eligible for Phlebotomist rates. AMT's RMA are eligible for Phlebotomist Member fees.

**Payment:** Full payment in U.S. Dollars must accompany all registrations. Please submit a check for the appropriate payment according to the category that you qualify for. Those registrations without full payment will be held and the registrant notified. Checks must be made payable to "**Spring Seminar**." The bank will not accept checks made payable to any other name. The registration will not be processed until full payment, made out to Spring Seminar, is received in U.S. Dollars. No unpaid registrations or credit card registrations can be accepted.

The seminar committee reserves the right to limit registration and cancel any session prior to the seminar should circumstances make it necessary. If a session is cancelled, the registrant may attend another session or receive a refund. Otherwise, due to hotel and session expense obligations, **NO REFUNDS** are permitted.

## Registration Questions

For registration questions or information contact:

Edith Milan or Kirk Johnsen  
2011 ASCLS-WA Spring Seminar  
1620 N 100th St  
Seattle, WA 98133

Edith Milan: 206-859-9365 edithmilan21@comcast.net  
Kirk Johnsen: 206-427-2270 kirkstir@gmail.com or kjohnsen@seattlecca.org

**NOTE:** Phone calls will be returned either in the evening after 5:00 PM or on weekends. Be sure to include your day and evening phone numbers on the registration form on the following page.

If you wish to receive a confirmation, please include a self-addressed, stamped envelope. You may also request an emailed confirmation. Please write your email address clearly. Note that confirmations are only sent upon request and are not automatically sent for each registration.

If you provide an email address, you will receive a confirmation and information regarding how to access the handouts several weeks prior to the Seminar. Please write your email address clearly. If you do not have an email address, confirmation and access to the handouts will be provided if you include a self-addressed, stamped envelope.

2011 ASCLS-WA Spring Seminar  
 April 28 - 30, 2011  
 Red Lion Hotel at the Quay  
 Vancouver, Washington

Please Postmark by April 1, 2011

PLEASE PRINT AND SHOW NAME AS WANTED ON NAME TAG

First Name \_\_\_\_\_ Last Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City/State/Zip \_\_\_\_\_  
 Day Phone \_\_\_\_\_ Evening Phone \_\_\_\_\_  
 Institution \_\_\_\_\_  
 City/State \_\_\_\_\_  
 E-Mail Address \_\_\_\_\_

Please circle sessions you wish to attend.

Thursday April 28 AM 1 2 3 4  
 PM 5 6 7 8

Would you be willing to serve as Moderator for any of the sessions you will be attending?  
 Please circle response.  
 Yes No

Friday April 29 AM 9 10 11 12  
 PM 13 14 15 16

Circle session 16 for the no charge BOC session on Friday 4:34 - 5:45 PM

Saturday April 30 AM 17 18 19 20 21  
 PM 22 23

ADVANCED REGISTRATION FEE SCHEDULE (Full-Day Pre-registration INCLUDE Lunch)

Member ASCLS or AMT (Membership #: ASCLS \_\_\_\_\_ AMT \_\_\_\_\_)

Technical/Administrative Professional	Full Day . . . . .	_____ days	@ \$80.00	\$ _____
	Half Day . . . . .	_____ half days	@ \$40.00	\$ _____
Phlebotomist/RMA/COLT	Full Day . . . . .	_____ days	@ \$40.00	\$ _____
	Half Day . . . . .	_____ half days	@ \$20.00	\$ _____
Student	Full Day . . . . .	_____ days	@ \$40.00	\$ _____
	Half Day . . . . .	_____ half days	@ \$20.00	\$ _____

Special Member (enclose copy of membership card)

___ AABB	___ AACC	___ ASC	___ ASCT	_____ days	@ \$100.00	\$ _____
___ ASH	___ ASM	___ CLMA		_____ half days	@ \$50.00	\$ _____

\_\_\_ ASCP Laboratory Professional Membership Category. Certification through ASCP does NOT qualify you for "Special Member" rates.

NonMember

Technical/Administrative Professional	Full Day . . . . .	_____ days	@ \$150.00	\$ _____
	Half Day . . . . .	_____ half days	@ \$75.00	\$ _____
Phlebotomist	Full Day . . . . .	_____ days	@ \$70.00	\$ _____
	Half Day . . . . .	_____ half days	@ \$35.00	\$ _____
Student	Full Day . . . . .	_____ days	@ \$40.00	\$ _____
	Half Day . . . . .	_____ half days	@ \$20.00	\$ _____
Total . . . . .				\$ _____

Mail to: ASCLS-WA Spring Seminar  
 1620 N 100th St  
 Seattle, WA 98133

Full Payment must accompany all registrations. Remit in U.S. dollars. Make check payable to **Spring Seminar**.



The 2011 Spring Seminar Program and registration form are available on the Internet at the following URL

[www.asclswa.org](http://www.asclswa.org)

Updates and other information will be provided on this site. There is an Acrobat version of the registration form that you can fill out and print before you send it in. Please do not email this form, since no registrations will be processed without payment.

# Special Promotion for New Members Only ... 15 months for the price of 12.

## APPLICATION FOR MEMBERSHIP American Society for Clinical Laboratory Science

Name _____	Date of Application _____
Company _____	Department _____
Address _____	City/State Zip _____
E-mail Address _____	Telephone _____ Fax _____
Home Address _____	City/State/Zip _____
Home Phone _____	
Check here if you want to receive your ASCLS mail at home	

### Scientific Assembly Sections

**The ASCLS Scientific Assembly sections provide an opportunity for members to network within their own scientific discipline. There is no additional fee for participation. Please choose one primary and one secondary interest.**

Primary	Secondary Interest	
___ (01)	___ (01)	chemistry/urinalysis
___ (02)	___ (02)	microbiology
___ (03)	___ (03)	laboratory administration
___ (04)	___ (04)	immunology/immunohematology
___ (06)	___ (06)	histology/cytology
___ (07)	___ (07)	hematology/hemostasis
___ (08)	___ (08)	generalist/public health
___ (09)	___ (09)	industry
___ (10)	___ (10)	education
___ (11)	___ (11)	phlebotomy/POC
___ (12)	___ (12)	molecular
___ (13)	___ (13)	molecular bio/genetics
___ (14)	___ (14)	consultant
___ (15)	___ (15)	regulatory affairs/ qual mgmt

**CERTIFICATION AGENCY** - Circle the corresponding credential obtained; check all that apply.

___ BOC	___ (a) MLS	___ (b) MLT	___ (c) other
___ AMT	___ (a)MT	___ (b) MLT	___ (c) other
___ HHS	___	___ (b) CLT	___ (c) other
___ Other	___	___	___

**POSITION** - Circle one

(P) Lab Director (Admin)

(N) Lab Manager

(A) Tech. Supervisor

(M) Staff Technologist (CLS)

(4) Staff Technical (CLT)

(t) Phlebotomist

(6) Laboratory Assistant

(I) Faculty Member/Instructor

(K) Program Director

(L) Consultant

(U) Inspector/Sales

(2) Marketing/Sales

Please assist ASCLS in collecting the following voluntary statistics to provide analysis of professional trends:

Employment Status: \_\_\_FT \_\_\_PT \_\_\_STU \_\_\_Unemployed \_\_\_Retired Highest Degree: \_\_\_H.S. \_\_\_Assoc. \_\_\_Bach \_\_\_Masters \_\_\_PhD

Year of Birth: \_\_\_ Sex \_\_\_F \_\_\_M

Race (please circle one) Caucasian / American Indian / Alaskan Native / Asian/Pacific Islander / African American / Hispanic / Other

Contributions or gifts to ASCLS and ASCLS/PAC are not deductible as charitable contributions for federal income tax purposes. However, dues payments may be deductible by members as an ordinary business expense. ASCLS estimates that 9% of your dues will be spent on lobbying, and therefore this portion will not be deductible on your federal income taxes

## Special Promotion for New Members Only ... 15 months for the price of 12.

ASCLS Membership Categories and Eligibility Requirements

**PROFESSIONAL** (*full voting privileges*) is open to all persons certified or engaged in the practice and/or education process of the clinical laboratory science, including those with an active interest in supporting the purposes and goals of this Society. Membership benefits are dependent on level of membership:

**PROFESSIONAL I** includes basic benefits plus the award winning journal, CLS.

**PROFESSIONAL II** includes basic benefits only.

National Dues: Professional I - \$99; Professional II - \$78;       **plus** State Dues: \$10 for WA, OR, or ID

**COLLABORATIVE** (*Non-voting privileges*) is available to any individual who currently holds membership in any other *health related national organization* **AND HAS NEVER BEEN A MEMBER OF ASCLS.**

Health related national organization membership: \_\_\_\_\_

National Dues only: \$45

**FIRST YEAR PROFESSIONAL** (*full voting privileges*) Open to persons who have graduated within the last twelve months from an accredited program in laboratory science. Prior student membership with ASCLS is not a prerequisite. This membership status is valid for only one year to assist recent graduates. After one year in this category, members are upgraded to Professional membership.

National Dues: \$45.00 plus State Dues: \$10 for WA, OR or ID

**STUDENT** (*non-voting privileges*) Open to persons enrolled in a structured program of training or academic instruction in clinical laboratory science, or to full-time graduate students in related science area.

National Dues: \$25.00 No State Dues in WA, OR, or ID

Persons residing outside of the U.S. are only eligible for the Professional I category.

**I wish to join ASCLS as a \_\_\_\_\_ member.**

(Students, please list your expected date of graduation: \_\_\_\_\_ Mo/Yr.)

**Membership dues: \_\_\_\_\_ + State dues: \_\_\_\_\_ = Total payment enclosed \_\_\_\_\_**

**Method of Payment: (U.S. Funds Only)**

Check (payable to ASCLS)  Visa  MasterCard  Amex

**Exp. date** \_\_\_\_\_

**Card #** \_\_\_\_\_

**Name on card** \_\_\_\_\_

**Signature** \_\_\_\_\_

**Please send both pages of the completed application along with your seminar registration form to assure that you will receive 15 months for the price of 12. Please prepare a separate check to ASCLS if you are paying by check; do not include this fee in your registration payment.**

## Sessions at a Glance

<b>Thursday April 28, 2011</b>	AM	1	2	3	4	
		Cell Population Data in Bacterial Infection  Flow Cytometry	Vitamin D	Inner Game of Communication	Accessment and Treatment Hepatitis C	
	PM	5	6	7	8	
		Compliance & HIPAA	Biomarkers of Sepsis: Procalcitonin	Infectious Mono and EBV Disorders  Disorders of RBC Proteins & Leukocytes	Clinical Microbiology and Antimicrobial Testing	
<b>Friday April 29, 2011</b>	AM	9	10	11	12	
		Creating and Supporting Teams	Lab Monitoring of Heparin Therapy	Changing How the World Looks at TB	Role of Lab in Effective Pain Management	
	PM	9	13	14	15	16
		Creating and Supporting Teams  continued	Tissue Donation	Molecular Detection C diff and Respiratory Pathogens	Toxicology Overview	CLS + MT = MLS  4:45 - 5:45 pm No Charge
<b>Saturday April 30, 2011</b>	AM	17	18	19	20	21
		Patient Safety: Just Culture in the Workplace	Visual Stroll Through Hematology	Phlebotomy Update	HIV Screening	Overview of Quality Control  Calibration Verification
	PM	22	18	19	23	
		Patient Safety: Involving Families and Patients	Visual Stroll Through Hematology  continued	Phlebotomy Update  continued	Career Resilience in Performance Based Environment	

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