



# 2017 Northwest Medical Laboratory Symposium

**October 18 - 21, 2017  
Lynnwood Convention Center  
Lynnwood, WA**



The American Society for Clinical Laboratory Science (ASCLS) and the American Medical Technologists (AMT) invite you to join us in Lynnwood, WA for this year's Symposium. Our clients, patients, and colleagues in the allied health professions rightfully expect and deserve that, as medical laboratory professionals, we maintain our professional credentials and competency. One means of doing this is to stay abreast of the latest developments in technology and testing. The NWMLS provides an excellent means of accomplishing this responsibility. Seminars cover topics in every aspect of laboratory medicine, including research, testing, and management. In addition to educational opportunities, you will not want to miss out on the chance to network with fellow laboratorians. The **Exhibit Hall**, an opportunity to meet laboratory industry vendors face-to-face and learn of the latest technological developments, is always a highlight of the NWMLS. The industry representatives are available for you to visit with in a low intensity setting. They are happy to hear and respond to your questions.

## Featured Exhibitors

Check the website as more are added!  
<http://www.asclswa.org>

Abbott Diagnostics	Diasorin Molecular	Ortho Clinical Diagnostics
ARKRAY	Global Focus Marketing and	Olympus America
ARUP Laboratories	Distribution	Precision BioLogic, Inc.
AUDIT MicroControls, Inc	Hardy Diagnostics	RADIOMETER AMERICA
BD	Helmer Scientific	Samaritan Health Services
Beckman Coulter	Henry Schein Medical	SCIEX
BioMerieux, Inc.	Hettich Instruments	Siemens Healthineers
Bloodworks Northwest	Immuno Concepts	Stago
Cepheid	Instrumentation Laboratory	Streck
Copan Diagnostics, Inc.	Luminex Corporation	Sysmex
Corgenix Orgentec Diagnostics	McKesson Lab Solutions	Terumo BCT
Delivery Express, Inc.	Mindray North America	Thermo Fisher Scientific
Diasorin, Inc.	Nikon Instruments/Inphase Sci	WSLH Proficiency Testing

**Who:** All Are Welcome to Attend

**What:** The Major Laboratory Exhibit in the Northwest

**Where:** At the 2017 Northwest Medical Laboratory Symposium

**Why:** Don't miss a chance to see "state of the art" analyzers. Talk to vendors and ask questions. And it's **FREE!**  
Guest passes available to non-registrants.

**When:** Exhibit Hall Open for Three Days!

Wednesday	Oct 18:	11:45 am - 2:15 pm
Thursday	Oct 19:	11:45 am - 2:15 pm
Friday	Oct 20:	11:45 am - 2:15 pm

**P.A.C.E. Credits:** Free P.A.C.E. credits are available for anyone attending the exhibits and completing an exam.

Exhibitor list is updated on the web, so check back often. Updates at <http://www.asclswa.org>

**1 Importance of Evidenced Based Medicine in Point of Care Testing**

— *Ellis Jacobs, PhD, DABCC, FACB, Alere Inc*

There is a need for Evidence-Based POCT. Clinicians, staff, and laboratorians need guidance in applying POCT in the most effective manner for patient benefit. This guidance should be based on a concurrence of the scientific evidence to date.

**Patient Safety: A Quality System Approach to POCT QC/QA**

The quality management system approach applies a core set of “quality system essentials” to all operations in any health care service’s path of workflow. There are multiple QA issues with POCT and, due to the rapid availability of results, POCT data can be seen and acted upon prior to the application of QC checks or other external mechanism for assuring the validity of test results.

**Why Knowing Now Matters in the Emergency Department**

There is an association between waiting times and short term mortality and hospital admission. Laboratory turnaround time can impact ED operations and, based on simulation modeling, the best performance is predicted when the TAT is 40 minutes or less.

**Sponsor: Alere Inc**

**2 Digital Cell Morphology, Improving the Quality in the Hematology Clinical Lab with Esoteric Case Studies**

— *Scott Dunbar, BS, MS, CellaVision*

Employing Digital Cell Morphology using Artificial Neural Networks is a tool which will standardize a very subjective area of the laboratory. Furthermore using this technology can be coupled with remote review software which will allow for more efficient pathology consults.

**Sponsor: CellaVision**

**Quality Control for Hematology**

— *Kathy Davidson Altig, MT(ASCP), Beckman Coulter*

Quality Control is a process that monitors the accuracy and precision of results through the use of control specimens. It is important for clinical laboratory personnel to understand the basic concepts used in quality control with a working knowledge of the primary elements.

**Sponsor: Beckman Coulter**

**4 Topics in Transfusion Medicine and Therapeutic Apheresis**

— *Kirsten Watson Alcorn, MD*

— *David Lin, MD, MHA*

— *Jackie Degler, MT(ASCP), Bloodworks Northwest*

Interesting cases at the intersection of transfusion and apheresis therapies for patients with complex needs amidst the many routine “type and screens,” there are patients who keep us on our toes and help us learn. We will use cases to illustrate some less common issues in transfusion and apheresis and present a Primer on Therapeutic Apheresis.

**Sponsor: Bloodworks NW**

..... **Visit the Exhibits 11:45 AM - 2:15 PM ... Lots of great information!** .....

**5 Acute Myeloid Leukemia And Minimal Residual Disease Detection**

— *Yi Zhou MD, PhD, Univ of WA Medical Center*

The presentation will introduce diagnostic paradigm of acute myeloid leukemia and minimal residual disease detection post treatment. Morphology, flow cytometry, and molecular testing will be discussed.

**Monitoring Minimal Residual Disease In Acute Leukemia: Technical Challenges And Clinical Implication**

— *Xueyan Chen, MD, PhD, University of Washington*

Minimal residual disease (MRD) has unequivocal prognostic value in acute leukemia. Monitoring MRD using sensitive techniques, including multiparametric flow cytometry (MFC), quantitative polymerase chain reaction (qPCR)-based methods and high-throughput next-generation sequencing (NGS), has improved the assessment of treatment response and risk stratification for clinical management.

**6 NT-proBNP: The Gold Standard in Heart Failure**

— *Jessica Wilson, BSc*

— *Setanta Moran, Response Biomedical Corp.*

Heart failure is a condition in which the heart cannot pump enough blood to meet the body’s needs, causing a range of symptoms that are non-specific, making diagnosis difficult. Measurement of several biomarkers in patients’ blood, including natriuretic peptides BNP and NT-proBNP, aid physicians in making this diagnosis.

**Sponsor: Response Biomedical Corp.**

**Calibration Verification: Who, What, Where, When, Why, How & Did I Pass or Fail**

— *Glenn Mitchell, AUDIT MicroControls, Inc.*

The presentation will introduce and review the ins and outs of Calibration Verification including definitions, applications, analyzing results, interpreting data, and troubleshooting. Data and graph examples will be presented.

**Sponsor: AUDIT MicroControls, Inc.**

**7 Automated Specimen Processing, Full Laboratory Automation and Artificial Intelligence in Microbiology**

— *Nathan Ledeboer, PhD, WI Diagnostic Labs & Froedtert Hospital*

— *Lori Bourassa, PhD MPH, University of Washington*

Learn about automated specimen processing, full laboratory automation and groundbreaking innovations in Digital Microbiology! Automation is revolutionizing and changing the course of traditional Microbiology. In the last year, COPAN has developed strong algorithms that will improve turnaround times dramatically. During this event, we have an excellent group of thought leaders as part of our panel who will share their experiences with automated specimen processing, digital Microbiology and artificial intelligence algorithms to read and interpret plates.

**Sponsor: COPAN USA**

**8 Current Issues in Food Safety**

— *Janet Anderberg, RS, WA State Dept of Health*

This session will discuss current issues in food safety, especially those that affect Washington. Salmonella works in mysterious ways and *E coli* certainly isn’t limited to hamburgers. Perfringens is more of a threat than you think and there are important things we can do to prevent Norovirus in our communities and in our homes. Recent outbreak stories will be shared - not only what happened, but why!

**Visit the Exhibits tomorrow. Relevant information. And free P.A.C.E. credit**

**9 Clinical Importance Of Measuring Aspirin Inhibition Of Platelet Thromboxane In Cardiovascular Disease Management And Prevention**

— Luis R. Lopez, MD, Corgenix Inc./ Orgentec, GmbH

In this session, the speaker will review the effect of aspirin on platelet cyclooxygenase COX-1 and thromboxane (TxA2) inhibition, and its use in cardiovascular disease prevention. He will also review current laboratory measurement of urinary 11dhTxB2, a stable inactive metabolite of TxA2, to assess aspirin response as a risk factor of cardiovascular disease including mortality.

**Sponsor: Corgenix Inc./ Orgentec, GmbH**

**11 On-demand Molecular Diagnostics in the Age of Antimicrobial Stewardship and Quality Reporting**

— David Nicolau PharmD, FCCP, FIDSA  
Hartford Hospital

— Susan Nicolau MT (ASCP)  
Eastern Connecticut Healthcare System

Recent new guidelines regarding quality metrics and reduction in the use of antimicrobials have opened a Pandora's Box of questions regarding how to achieve all of these requirements. This session will look at the impact of on-demand molecular diagnostics, the treatment decisions behind the results, and how they impact the entire healthcare continuum.

**Sponsor: Cepheid**

Visit the Exhibits. Relevant information.  
And free P.A.C.E. credit

**10 Leadership Across Generations: Understanding How to Leverage the Differences**

— Jackie Lohdefinck, ARUP Laboratories

Organizations are facing the challenge and change of engaging five generations in the workplace. Understanding differences in generations is fundamental in building a successful workplace, and leading a multi-generational workforce is an art in itself.

**Accountable Leadership: Managing and Motivating Difficult Employees**

Management comes with many challenges, and one of the most difficult can be managing difficult employees. In this session we'll focus on how to build a more effective relationship with your difficult employees and motivate them to be productive and successful.

**Sponsor: ARUP Laboratories**

**12 The HLA System in Human Health and Disease**

— Paul Warner, MT(ASCP), PhD, D. (ABHI), Bloodworks NW

The Human Leukocyte Antigen (HLA) system is the most polymorphic genetic system ever described in humans. This session will be divided into three distinct topics:

- 1) A description of the HLA system, including it's pivotal role in shaping and driving adaptive immune responses.
- 2) How HLA testing is utilized in solid-organ transplantation.
- 3) How HLA testing is utilized in transfusion support (i.e. immune-refractory platelet recipients) and disease association/pharmacogenomics.

**Sponsor: Bloodworks NW**

**13 Update On Natriuretic Peptide (NP) Testing In The Era Of Nephilysin Inhibitors.**

— Katherine M. Soreng, PhD, Siemens Healthineers

NP testing is useful in both the diagnosis and management of heart failure (HF). The recent availability of Entresto based in part on nephilysin inhibition has created concerns on the interpretation of NP testing in these patients. This presentation will review NP testing (BNP/NTproBNP) and discuss existing data.

**Cardiac Troponin (Ctn) Testing: The Impact Of Sensitivity And Clinical/Analytic Factors Impacting Interpretation For An AMI Diagnosis**

The increased availability of highly sensitive cTn assays supports improved patient management of chest pain patients. This presentation will review both the advantages and concerns when implementing highly-sensitive cTn testing.

**Biotin Interference: Should Labs And Clinicians Be Concerned?**

Biotin supplementation is on the rise for both therapeutic and cosmetic reasons. The potential for biotin's interference on immunoassay testing will be discussed, including the clinical impact on interpretation. Factors predisposing assay design to interference from biotin will be reviewed.

**Sponsor: Siemens Healthineers**

**14 The Interaction of Epidemiologists and Laboratorians During a Communicable Disease Outbreak**

— Wayne Turnberg, PhD, MSPH, Tashina Robinson, MPH  
— Sopheay Hun, MBA, MLS(ASCP), Beth Melius, RN, MN, MPH  
— Ailyn Pérez-Osorio, PhD, Vivian Hawkins, PhD, MPH  
— Jeff Lahti, BS, Natalie Linton, MPH  
— Misty Lang, BS, Hanna Oltean, MPH

Washington State Department of Health

The speakers in this session will present on a diverse range of epidemiology and laboratory linkages. The role of epidemiology in antibiotic stewardship and relationship to the Washington State Department of Health's new Antimicrobial Resistance Regional Laboratory Network will be described. The interaction of foodborne/enteric disease epidemiology investigations, and laboratory diagnostics will be discussed as well as the importance of culture isolates for public health protection. Case and outbreak examples involving interactions between epidemiologists and laboratorians will be presented for cases involving Legionnaires' disease, mumps, and emerging infectious diseases in Washington State will be discussed.

**Sponsor: Washington State Department of Health**

**16 Pediatric Acute Lymphocytic Leukemia – Journey to Diagnosis**

— Karen M. Chisholm, MD, PhD  
— Billy Davis, MT(ASCP)  
— Janice R. Hall, BS MT(ASCP), Seattle Children's Hospital

Our lab at Seattle Children's Hospital has a team approach for handling the testing involved in the diagnosis of acute leukemia. Critical departments are located close together to facilitate the sharing of samples and streamlining hand offs. This session will outline bone marrow sample handling from specimen collection to processing and testing in our lab. Flow cytometry and cytogenetics testing will be illustrated using a representative case study.

**15 Understanding Complement Mediated Diseases/Identifying PNH & AHus Laboratory Perspective**

— Dr Paul Eastvold MD, INBC/Blood Systems Incorporated

Gain a better understanding of two potentially fatal, complement mediated diseases: paroxysmal nocturnal hemoglobinuria (PNH) and Aypical Hemolytic Uremic Syndrome (Ahus). Specimen and tests sent to the laboratory are critical in identification and diagnosis for these diseases.

**Sponsor: Alexion**

**17** **Practical Applications for Assessing Workplace Risks**

— *Denise Bender, MSPH, University of Washington*  
 — *Steve LaCroix, MS, CBSP, WA State Department of Health*

Chemical and biological hazards pose safety and health risks to workers across many work settings such as laboratories, maintenance, and manufacturing. A proper risk assessment for all potentially hazardous agents—whether biological, chemical, radioactive, or physical—must be conducted before establishing protocols, implementing controls, and communicating a mitigation plan. This course is designed to give participants a step-by-step approach to assess all risks in the workplace.

**19** **Microbiology - Fast and Furious**

— *Jacky Chow, PhD, D(ABMM)*  
 MultiCare Health System

The research and application of microbiology have been vigorous over the past decade. The advancement of knowledge and technology in the field has promoted efficient clinical practice as well as accurate, rapid diagnoses of emerging/re-emerging infectious diseases. The speaker will provide updates on methodology and practice in clinical microbiology. The pros and cons of the latest technologies in microbial diagnostics will be discussed.

**20** **Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma**

— *Kerstin Edlefsen, MD*  
 — *Emily Glynn, MD, University of Washington Medical Center*

Chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL) is one of the most common lymphoid malignancies in adults and has one of the strongest heritable components of all malignancies. CLL/SLL is often identified in the clinical laboratory as a part of a peripheral smear review, but the clinical implications of the diagnosis can be very different depending on the clinical scenario.

**18** **Liquid Biopsy Testing in Management of Non Small Cell Lung Carcinoma: Cobas® EGFR Mutation Test v2 IVD**

— *Sarah L. Moseley, PhD, Roche Diagnostics*

We will review the emerging power of the new breakthrough technology of liquid biopsy plasma testing as a tool for managing patients with solid tumors. We will begin to understand the complex challenges faced by clinicians in the management of Non Small Cell Lung Carcinoma (NSCLC) and how the first FDA approved liquid biopsy plasma assay can provide non-invasive alternatives for selecting patients for targeted therapeutics and can assist clinicians in testing patients for resistance to therapy.

**Procalcitonin (PCT) Use in Sepsis Management and Antibiotic Treatment Decisions**

— *M. Laura Parnasm PhD, DABCC, Roche Diagnostics*

We will examine an overview of sepsis definition, symptoms, diagnostic criteria, and treatment. We will review clinical evidence of procalcitonin utility in diagnosis, prognosis, progression risk assessment and guiding antibiotic treatment decisions in sepsis patients, and discuss the application of procalcitonin in clinical routine.

**Implementing High-sensitivity Cardiac Troponin: Laboratory and Clinical Keys to Success**

— *Carmen L. Wiley PhD, DABCC, Roche Diagnostics*

Strategies for successful implementation of high-sensitivity cardiac troponin (hs-cTn) will be presented from the perspectives of Laboratory Medicine. Transitioning from contemporary troponin to hs-cTn assay will involve defining analytical characteristics and rigorous quality control/assurance, education and evidence-based hs-cTn interpretation and applications for the stakeholder groups.

**Sponsor: Roche Diagnostics Corporation**

**Attention! Last Chance to Visit the Exhibits**

**21** **Retirement – Is It In Your Financial Picture?**

— *Teresa Brokaw, CFP, CRPC, CDFA,*  
 O'Neal & Brokaw Private Retirement Group  
 — *Damon Novelli,*  
 Legg Mason Global Asset Management Group

A Five Step System to help Clinical Laboratory Science Practitioners manage their money, design their life, and create their future. Prosperity is about being successful - not just with your money, but with your life, and this workshop focuses on both! This workshop seeks to help you clarify your vision of your life and your money, refresh your motivation, and take action. The end result? You'll leave with everything you likely need to potentially transform your financial vision into a reality. In today's world, it's difficult to get through a single day without hearing dramatic commentary on what happened with the stock market today, what might happen to interest rates tomorrow. This session will focus on giving you a fresh perspective on all that ~ one that is focused on you. In our time together, we'll talk about new ideas you can use to manage your money, design your life, and create your future.

**Sponsor: O'Neal & Brokaw Private Retirement Group**

**23** **Hemostasis is Unique – The Cascade, The Disease, and The Tests – All Mixed Up**

— *James (Jim) DeMase, BS, Precision BioLogic*

This session will review the basics of hemostasis in the coagulation lab and enhance the basic understanding of hemostasis and thrombosis describing the stages of hemostasis as well as common bleeding and clotting disorders. We will define hemophilia, and review its symptoms, diagnosis, and common treatments. The methods and clinical application of mixing studies will be outlined. Case studies will be used throughout the workshop to help attendees relate their learnings to real-world situations.

**Sponsor: Precision BioLogic**

**22** **Case Studies in Coagulation and Red Cell Disorders**

— *Daniel E. Sabath, MD, PhD, U of WA School of Medicine*

Dr Sabath will present interesting cases of patients with coagulation or red blood cell disorders. These cases will be used to illustrate important concepts in the role of the laboratory in helping to diagnose and guide treatment for these patients.

**24** **Connecting the Dots: Adoption and Integration of New, Emerging, and Advanced Technologies within Clinical and Public Health Lab Diagnostics and Surveillance Testing of Infectious Diseases**

— *Xuan Qin, PhD, D(ABMM), Seattle Children's Hospital*  
 — *William Glover PhD, D(ABMM), MT(ASCP),*  
 — *Blaine Rhodes, MS*  
 — *John Thompson PhD, MPA, MPH,*  
 WA Department of Health Public Health Laboratories

This session will describe laboratory workflows pertaining to the adoption and integration of new, emerging, and advanced technologies within Clinical and Public Health Laboratory diagnostic and surveillance testing. Speakers will discuss diagnostic and/or surveillance testing where integration has occurred, or is currently being evaluated. Considerations, barriers, and benefits associated with the process of adopting and integrating various technologies into testing workflows will also be discussed. Staff from the WA DOH Public Health Laboratories will discuss plans, evaluations, and integration of advanced technologies in Microbiology; newborn screening for Severe Combined Immunodeficiency (SCID); and biomonitoring of humans for environmental contaminants.

**Sponsor: Part of this session is sponsored by the Washington State Department of Health Public Health Laboratories**

**25** **Keep Calm and Carry On**

— Brooke Zimmers, MA

— Mimi Harvey PhD, Shoreline Community College

What happens to your ability to listen when you are really stressed out? Do you approach every conflict situation in the same way? What strategies do you have to help yourself calm down? Have you noticed that the quality of your communication directly impacts the quality of your life? This dynamic and interactive workshop challenges you to examine your own listening skills under pressure and your conflict management styles. You will leave with practical skills to help you navigate difficult situations when you are stressed. Ultimately the goal is to improve the overall quality of your life.

**27** **MACRA (Medicare Access and CHIP Reauthorization Act of 2015) and Phlebotomy's Impact on Patient Satisfaction**

— J. Michael O'Bryan, MD, MHA, Sarstedt, Inc.

The presentation provides an evidence-based analysis of the new governmental regulations regarding quality and how phlebotomy can either support or penalize a healthcare facility. Also explained is how specimen rejection leads to specific and measurable negative impacts on patient care, patient satisfaction, and the hospital's bottom line. Based on the latest medical literature, Dr. O'Bryan presents new best practices to increase patient satisfaction eliminate these sample quality problems improve patient satisfaction and decrease costs associated with specimen rejection.

**Sponsor: Sarstedt**

*Check the website at  
www.asclswa.org for more  
information about the NWMLS.*

**26** **Collection of Pediatric Hematology Cases**

— Min Xu, MD, PhD, Seattle Children's Hospital

This session will highlight a series of unique and interesting cases in pediatric hematology. Included will be cases on pediatric acute lymphoblastic leukemia, acute myeloid leukemia in Down syndrome patients, familial myelodysplastic syndrome, bone marrow findings in patients with systemic lupus erythematosus, G6PD deficiency, and others.

**28** **Surviving Instrument Downtime**

— Tina J Batsch MT (ASCP)

Newport Hospital and Health Services

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.

**Restructuring of Workflow in the Lab in Today's Tech Shortage Workforce**

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.

**Millennials In Today's Workforce**

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 is 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 and Health Services**

**29** **Cytologic Evaluation of Body Fluids**

— Annette Sabath, MD, Kaiser Permanente

The speaker will provide a review of major principles of laboratory body fluids evaluation, including physiology of various body fluids formation and diseases association. There will be an emphasis on cytological evaluation with proper collection, fixation, and preparation requirements; review of normal and abnormal cell components of body fluids, and expanded cytomorphological rules and patterns to tell benign from malignant cells and their mimickers

**31** **Blood Bank Review for Non-Blood Bankers**

— Terese M. Abreu, MA, MLS(ASCP)<sup>CM</sup>

Heritage University

This blood banking session is for those of you who haven't stepped foot in a BBK department since getting certified. Learn more than the nurses know and far less than needed to be an SBB in this walk down memory lane with ABO, the King of systems; Rhesus, the grand poo-bah; the naughty Kidds; and Lewis, the blood system wanna be, just to name a few. We will review basic theory and technical information then try our hand at the fun stuff solving antibody ID panels. The review will also touch on some of the newer innovations happening in transfusion medicine today.

**30** **The Phlebotomy Experience: From the Perspective of the Phlebotomist and the Patient**

— Gerald Harmon, MT(ASCP)

Kaiser Permanente Washington

In this session we will look at the complete blood draw. From the perspective of the phlebotomist, we will review the importance of good technique and proper handling and processing of the specimen. From the perspective of the patient, we will focus on what makes an exceptional blood draw experience. We will take customer service to another level and introduce how to develop patient expectation of high reliability: Safety, Quality, and Service.

*Note that online registration and credit card payment are available at  
www.asclswa.org*

# Registration General Information

## To Register by Mail:

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

**NWMLS** to:

2017 Northwest Medical Laboratory Symposium

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 postmark by date: September 25, 2017.** This assures that your form will be delivered in time for us to provide you with the information to access the handouts. Registration is still available after this date, just allow for mail time.

## To Register Online:

Go to [www.asclswa.org](http://www.asclswa.org) and click on the **NWMLS** 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 by October 9, 2017 to receive lunch if eligible.

- **Lunch** is provided for those that register for two sessions (morning and afternoon) on the same day. Lunch is not provided for those that register for one session a day or for those that register onsite.
- **Handouts** for all 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.
- **All sessions** are approved for P.A.C.E. credits.
- **Hotel reservations:** See the website for more detailed information. Please call the hotel for reservations. Ask for the “Northwest Medical Laboratory Group Rate” to get the seminar rates. Rates will be available until **October 6, 2017** after which it will revert to standard hotel rates.
- **No “NWMLS Registration” refunds** will be issued for non-attendance.

**Fees are by session.** Each session is 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](http://www.asclswa.org) tab: NWMLS.

## Hotel and Convention Center

**Detailed information including driving directions may be found online at [www.asclswa.org/NWMLS.html](http://www.asclswa.org/NWMLS.html)**

All Sessions and Exhibits will be held at the Lynnwood Convention Center, located at 3711 196th Street SW, Lynnwood, WA.

The hotel is the **Best Western Alderwood Hotel**, located at 19332 36th Ave W, Lynnwood, WA. It is within walking distance of the Convention Center. Rates for NWMLS attendees are \$89.99 for a single and \$92.99 for a double, plus state and local tax. When calling the hotel at 425-775-7600, please request the NWMLS group rate to obtain the correct rate. Rates are held until **October 6, 2017**, after which room rates are at the discretion of the hotel.

# Registration Form

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*Online registration and credit card payment is  
available in the NWMLS link at [www.asclswa.org](http://www.asclswa.org)  
or  
Mail this form with a check.*

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Day Phone \_\_\_\_\_ Evening Phone \_\_\_\_\_

Institution \_\_\_\_\_

City/State \_\_\_\_\_

Email Address \_\_\_\_\_

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

**Circle the sessions  
you will be attending.**

Wednesday Oct 18	AM	1	2	3	4
	PM	5	6	7	8
Thursday, Oct 19	AM	9	10	11	12
	PM	13	14	15	16
Friday, Oct 20	AM	17	18	19	20
	PM	21	22	23	24
Saturday, Oct 21	AM	25	26	27	28
	PM	29	30	31	

Category	# Sessions	Fee/session	Total Fee
<b>ASCLS/AMT Professional/Technical</b> .....		\$55.00	\$
ASCLS # _____ AMT # _____			
<b>Special Member</b> .....		\$70.00	\$
___AABB ___AACC ___ASC ___ASCT ___CLMA ___ASM ___ASH ___ASCP Member number _____			
<b>Non-Member</b> .....		\$85.00	\$
<b>Phlebotomist</b> .....		\$35.00	\$
<b>Student</b> .....		\$25.00	\$
<b>Total Fee</b> .....			\$

Mail with check to  
**2017 NWMLS**  
Brenda Kochis  
44 West 26th Avenue  
Spokane, WA 99203-1818

Full payment in U.S. Dollars must accompany each mailed  
registration. Make check payable to **NWMLS**.  
Mail by September 25 to assure timely arrival

**OR**

Online registration with credit card payment is available at  
**[www.asclswa.org](http://www.asclswa.org), click on NWMLS**

Northwest Medical Laboratory Symposium

Brenda Kochis  
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The full program description, objectives and additional  
information can be found in the online book at  
[www.asclswa.org](http://www.asclswa.org) in the NWMLS link

\* 31 CE sessions \* Exhibit Hall \* Registration Form \* Hotel Information