

# 2015 Northeast Laboratory Conference

Holiday Inn By The Bay  
Portland, Maine

October 20, 21 & 22, 2015



☆ PORTLAND, MAINE

AMT American  
Medical  
Technologists  
Assist Health Professionals

NORTHEAST LABORATORY  
CONFERENCE

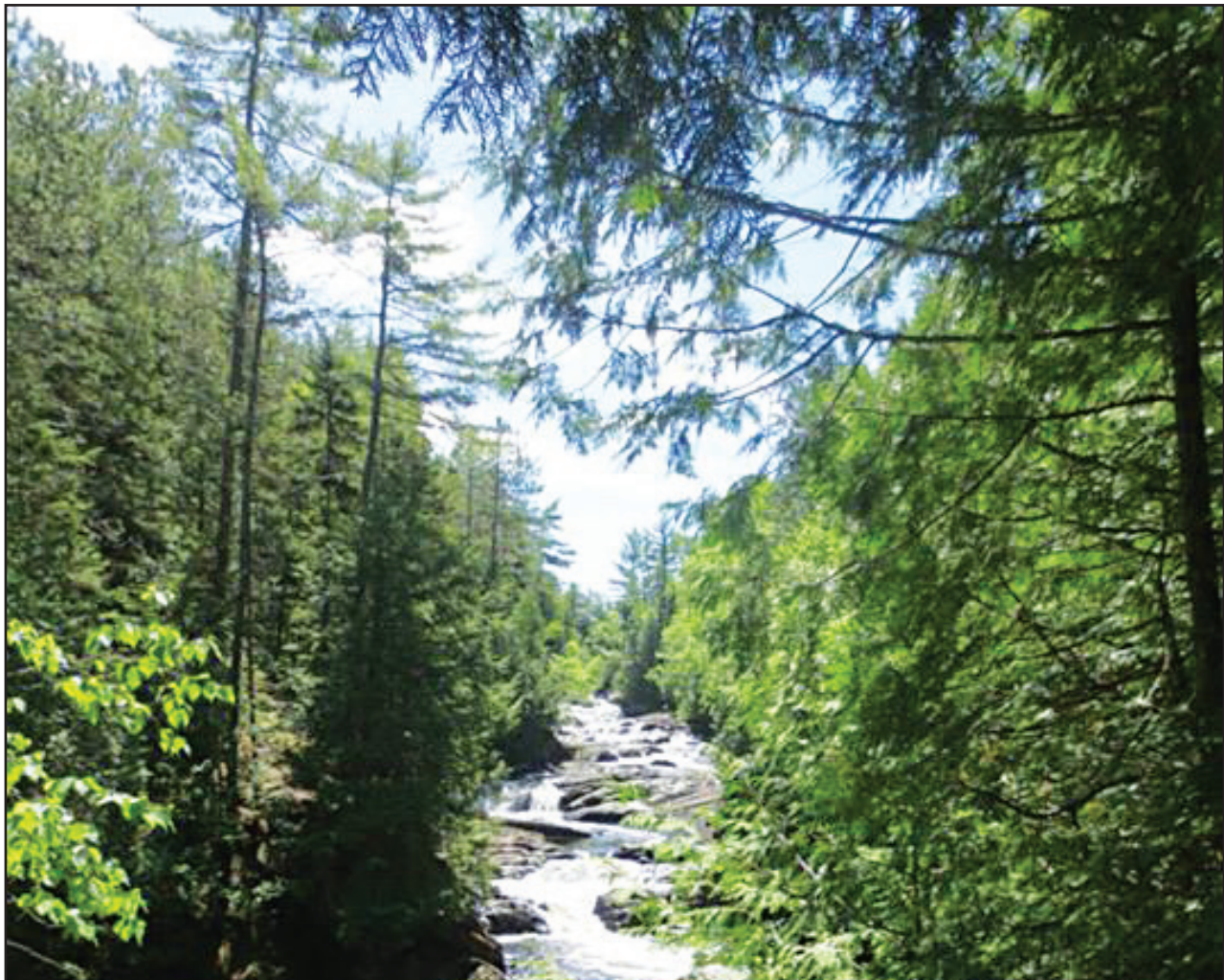
© Photo by Ellen Libby



# Welcome

*On behalf of the ME/NH State Society of American Medical Technologists, the Maine Chapter of the Clinical Laboratory Management Association, and the American Society for Clinical Laboratory Science-Maine, welcome to the 2015 Northeast Laboratory Conference! Offering educational seminars in all laboratory disciplines and skill levels, the Northeast Laboratory Conference has earned a reputation as one of the finest laboratory conferences in the United States. In between seminars, you can visit the Holiday Inn By The Bay Exhibit Hall where you can connect with over 70 exhibitor companies demonstrating the latest in clinical laboratory instrumentation, supplies and services. With attendees registering from all over the northeastern U.S. and beyond, take this chance to visit with old friends and colleagues and explore new networking opportunities. Portland's historic and friendly character provides the perfect setting for our dynamic and exciting conference. I look forward to seeing you in October!*

*Laura Gilbert-Caret, General Chair*



*Photo by Peggy Kimball*

# 2015 Committee

Planning Committee Chair:	Laura Gilbert-Caret (AMT) Inland Hospital
Program:	Chair: Ellen Libby (ASCLS-ME), EMMC, Affiliated Laboratory, Inc. Dara Sorchini (MSC), Central Maine Medical Center Cheryl Eldridge (CLMA), Maine Standards, Co., LLC. Sue Ross (CLMA), Midcoast Hospital Fay Bascom (CLMA), Lincoln Health Margaret Naas (CLMA), Maine General Health Laura Qualey (CLMA), Maine General Health
Secretary:	Cheryl Eldridge (CLMA), Maine Standards, Co., LLC
Accommodations:	Jessica Cunningham, St. Joseph Hospital
Exhibits:	Dennis Arbour (AMT), Togus VA Medical Center Peggy Kimball, Affiliated Laboratories, Inc.
Web Page:	Carl Faulstick, Eastern Maine Healthcare Systems
Finance:	Steve Stockford (AMT), Parkview Adventist Medical Center
Brochure:	Jessica Cunningham, St. Joseph Hospital
Registration:	Janelle Tompkins, Maine Medical Center Christina Saeed, Downeast Community Hospital
Audio/Visual:	Mary Gilbert, Togus VA Medical Center
Hospitality:	Mae NorDx
Moderators:	Laura Gilbert-Caret (AMT) Inland Hospital
Awards:	Laura Gilbert-Caret (AMT) Inland Hospital
Corporate Sponsors:	Dennis Arbour (AMT), Togus VA Medical Center
Food and Beverages:	Crystal Sands (ASCLS-ME), NorDx Sue-Ellen Tupper, NorDx
P.A.C.E.	Carol Kautz (ASCLS-ME)

# Society Officers

## Maine/New Hampshire State Society of American Medical Technologists

### **President**

Susan Constable, MT, Inland Hospital, Waterville

### **Vice President**

Pamela Kriegel, MT, Inland Hospital, Waterville

### **Secretary**

Carole Fecteau, Inland Hospital, Waterville

### **Treasurer**

Steven Stockford, Parkview Adventist Medical Center,  
Brunswick

### **Board Members**

Dennis Arbour, VA Medical Center, Togus  
Laura Gilbert-Caret, MT,, Inland Hospital, Waterville

## American Society for Clinical Laboratory Science- Maine

### **President**

Caroline Wentworth, ALI, Bangor

### **Past President**

Carol Kautz

### **President-Elect**

Open

### **Treasurer**

Adriano Ciccomancini

### **Secretary**

Caroline Wentworth, ALI, Bangor

### **Board Members**

Eileen Wyatt  
Carrie Knapp, InterMed

## Maine Chapter of the Clinical Laboratory Management Association

### **President**

Margaret Naas- Maine General Medical Center, Augusta

### **Past President**

Fay Bascom, Nordx - Miles Memorial, Damariscotta

### **President Elect**

Open

### **Treasurer**

Laura Qualey, Maine General Medical Center, Augusta

### **Secretary**

Cheryl Eldridge, Maine Standards CO, LLC, Windham

### **Board Members**

Joan McElwain, Cary Medical Center, Caribou  
Sue Ross, MidCoast Hospital, Brunswick



*Photo by Debora MacGown*



# General Information

## General

**Name tags** are required for admission to all seminars, exhibits, breaks, and lunch.

**No cameras, phone cameras or recording devices of any kind** are allowed in any of the seminars.

**Smoking** is not permitted during seminars or in any conference areas.

**Dining:** A daily luncheon and all breaks are included in your registration fee. Food will not be allowed to leave the dining room. **The luncheon is provided for registered conference attendees ONLY. If you have a special dietary need, please contact a committee member.**

**Parking:** The Holiday Inn now operates the parking garage immediately next door to the hotel. A limited number of handicap parking spots are available under the Holiday Inn.

**Accommodations:** Please make your hotel reservations by September 18, 2015. To receive the discounted rates, be sure to mention the Northeast Laboratory Conference.

**Lost and Found:** Items found should be brought to the Conference Registration Desk. Inquiries for lost items can be made by calling Laura Gilbert-Caret at (207) 861-3136.

## Registration Is Now Easier Than Ever

### PRE-REGISTER ON-LINE AT

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

### PRE-REGISTER BY MAIL

using the registration form in this brochure

### REGISTER ON-SITE

between 7:00 AM and 2:00 PM DAILY

**NOTE: There is a \$10.00 fee for walk-in registration.**

To save you precious time, please pre-register either on-line or by mail.

**Pre-register by mail prior to October 9, 2015. Registration envelopes postmarked after this date incur an additional \$10.00 charge per registrant.**

**Registration fees are non refundable; please send a replacement if you are not able to attend.**

On-site registration takes a considerable amount of time. Please arrive early and expect delays. All on-site registrants must have a fully completed registration form and full payment for the amount due prior to registering. Members must present their membership cards to receive member rates. Member rates are extended to members of AMT, CLMA, ASCLS, ASC, NSH, AACC and ASCT.

## Seminars

All seminars are open sessions. Please indicate your seminar choices when registering. **Please do not select concurrent seminars.**

**Seminar room assignments** will be available at the registration desk, and will also be posted throughout the Conference Center.

**Seminar Handouts:** Please help us conserve paper and costs by pre-printing your handouts from our website [northeastlaboratoryconference.org](http://northeastlaboratoryconference.org).

## P.A.C.E.

Professional Acknowledgement for Continuing Education: The NLC is an approved provider of continuing education programs in the clinical laboratory sciences by the ASCLS PACE program. All educational sessions are PACE approved.

**NOW ONLINE:** No more signing attendance rosters or standing in line to have certificates of attendance validated. Custom ONLINE software allows attendees to generate a post-meeting PACE certificate. Directions for generating Certificates of Attendance will be located at the ASCLS web-page: <http://ceorganizer.ascls.org>. Transcript service is also available to users.

**IMPORTANT:** Session moderators will provide a unique session code that each attendee will need while using CE Organizer to prove his or her attendance at each session. Attendees must record and save this number in order to fill out the online information and get the Certificate of Attendance.

## Food and Beverages

### MORNING AND AFTERNOON BREAKS:

9:30 AM to 10:00 AM and  
3:00 PM to 3:30 PM DAILY

Breaks are located in the Casco Bay Exhibit Hall.

### LUNCHEON:

11:45 AM - 12:30 PM and 12:30 - 1:15 PM DAILY

A daily buffet luncheon will be served in the dining hall.

**Food is not permitted to leave the dining hall.**

## Exhibits

Tuesday	October 20	7:00 AM - 5:00 PM
Wednesday	October 21	7:00 AM - 5:00 PM
Thursday	October 22	7:00 AM - 1:30 PM

See and learn about the latest technologies, products and services in the Casco Bay Exhibit Hall.

**Tuesday, October 20**

## KEYNOTE SPEAKER:

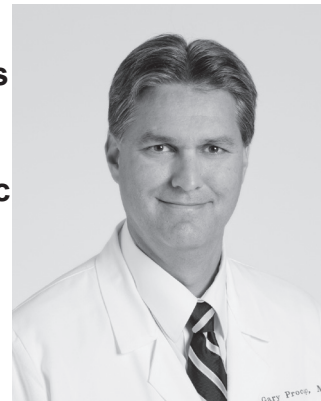
8:30 - 9:30 AM

**Gary W. Procop, MD**

**Medical Director, Enterprise Test Utilization & Consultative Services**

**Director, Molecular Microbiology, Virology, Mycology and Parasitology**

**Professor of Pathology, Lerner College of Medicine Cleveland Clinic**



## Improving Test Utilization- Better Care at a Lower Cost

The presenter will describe previous and ongoing efforts of the Test Utilization Committee of the Cleveland Clinic. This committee is a multidisciplinary task force of clinicians, pathologists, administrators, and other caregivers, and was developed in response to a call from leadership to innovate in the interest of better patient care and satisfaction. Five projects will be discussed, most of which employ clinical decision support tools in conjunction with computerized physician order entry to intercept and/or block duplicate, erroneous or overused tests. Although substantial cost savings will be discussed, the emphasis will be on the collegial development of best practices that promote optimal patient care and interaction with the informatics team to operational initiatives. The key components needed to develop a successful test utilization committee will be described.

### CHEMISTRY

10:00-11:30 AM

Intermediate

#### **2. The Endocrinology of Aging: Can We Turn Back the Clock?**

Endocrinology plays a critical role in the aging process. This presentation will discuss several endocrine systems and examine the changes that take place as we age. Various laboratory tests to assess the function of these endocrine systems and monitoring of treatment will be covered.

**Vernon L. Mustoe, PhD, MT(ASCP)**

Sponsored by Beckman Coulter, Inc.

### CHEMISTRY

1:30-3:00 PM

Intermediate

#### **3. Calibration Verification/Linearity Testing**

This presentation will define key terms and concepts surrounding calibration verification, followed by a discussion of the value of testing. Detailed information about the choice of appropriate materials, testing the full instrument reportable range, and interpretation of results will be presented.

**David Kelsey, PhD**

**Chief Scientific Officer, Maine Standards Company**

Sponsored by Maine Standards

## CHEMISTRY

3:30-5:00 PM Basic

### 4. The Chemistry of Beer

An enlightening, informative and light-hearted look at history and chemistry of beer-making, both commercially and in the privacy of your own home, and consumption of said product. Audience participation will be encouraged.

**Philip Hoffman, MT(ASCP)SBB**  
Blood Bank Supervisor, Our Lady of Fatima Hospital,  
N. Providence, RI

## HEMATOLOGY

10:00-11:30 AM Intermediate

### 5. Hematology Scatter Plot Interpretation- Keys to Seeing the Big Picture

Practiced hematology scatterplot interpretation can enable laboratories to deliver reliable results to clinicians in a timely manner, thus facilitating improved patient care. This session will use case studies to show how such interpretation can improve the care of oncology patients. Keys to learning how laboratories can tease information out of their instruments will be discussed.

**Barbara Burch, MHA, MT(ASCP)**  
Administrative Operations Manager  
Department of Laboratory Medicine  
Memorial Sloan Kettering Cancer Center

Sponsored by Sysmex America

1:30-3:00 PM Intermediate

### 6. Update on Inflammation

Medicine in the 21st Century has found that inflammation is more complicated and more important than ever. The role of inflammation as a trigger or amplifier of other diseases is being ascertained. The presentation will discuss the new information about inflammation, tests that will be needed and potential points of therapeutic intervention.

**Susan J. LeClair, PhD, CLS(NCA)**  
Chancellor Professor Emerita  
University of Massachusetts Dartmouth



Photo by Deandra Lang

## HEMATOLOGY

3:30-5:00 PM Advanced

### 7. A Review of Myelodysplasia

Once thought to be an extremely rare set of conditions, the myelodysplastic neoplasms are showing up more often in part due to aggressive intervention with oncological therapy, and in part due to aging and other stimuli. This presentation will cover the newer thoughts and causation and potential treatments.

**Susan J. LeClair, PhD, CLS(NCA)**  
Chancellor Professor Emerita  
University of Massachusetts Dartmouth

## BLOOD BANK

10:00-11:30 AM Intermediate

### 8. RBC Storage and Patient Outcomes: What Do the Clinical Trials Tell Us?

The changes that occur to stored RBCs have led to the hypothesis that they might not deliver oxygen readily; however retrospective, observational studies have reached conflicting conclusions. RECESS was a multi-center, prospective study in which cardiac surgery patients were randomized to receive RBCs stored < 10d or >21d. The two groups were then compared for a number of clinical outcomes.

**Christopher Stowell, MD, PhD**  
Director, Blood Transfusion Service Massachusetts General Hospital  
Associate Professor of Pathology, Harvard Medical School

## BLOOD BANK

1:30-3:00 PM

Intermediate

### 9. HLA Antibody Analysis: Principle and Application by Case Study

This presentation will discuss HLA antibody analysis principles, methods, limitations and application. The speaker will utilize cases to illustrate its application and limitations in supporting transplantation and transfusion.

**Neng Yu, MD**

**Director, HLA Services, American Red Cross-East Division  
Director, Histocompatibility of Pathology, UMASS Memorial Medical Center**

Sponsored by American Red Cross Blood Services

3:30-5:00 PM

Intermediate

### 10. MSM Deferral in the United States: Past, Present and Future

This session will discuss the history of deferral for MSM in the United States, including the epidemiology of HIV and other pathogens related to the deferral. Data that provided support for the recent regulatory change will be reviewed, as will the next steps following implementation of the new policy.

**Bryan R. Spencer, MPH**

**Research Scientist/REDS-III Program Manager  
American Red Cross Blood Services, MA Region**

Sponsored by the American Red Cross Blood Services

## MICROBIOLOGY

10:00-11:30 AM

Intermediate

### 11. Antibiotic Resistance Challenges

Antibiotic resistance is a serious health threat that unfortunately is increasing. Bacteria become resistant to antimicrobials by a variety of mechanisms, and antibiotic susceptibility testing is a complex task for laboratorians. This session will focus on important antibiotic resistance issues and how we can detect them in clinical laboratories.

**Steven Mahlen, PhD, D(ABMM)**

**Director, Clinical and Molecular  
Affiliated Laboratory, Inc. Bangor, ME**

## MICROBIOLOGY

1:30-3:00 PM

Intermediate

### 12. Pharmacy Induced Fungal Meningitis

Unforeseen pharmacologic compounding errors and poor aseptic practices results in serious patient consequences, including CNS infections and death. This session will cover the history of the events as well as microbiology, legal and industry consequences.

**James T. Griffith, PhD, CLS (NCA)**

3:30-5:00 PM

Basic

### 13. Sepsis and Procalcitonin

Sepsis is a complex syndrome initiated by the systemic inflammatory response to infection. This session will explore the challenges of sepsis diagnosis, review current diagnostic tools, the role of biomarkers and therapeutic strategies for sepsis utilizing evidence based research to demonstrate how practice has evolved over the past decade.

**Diane Borkowski**

Sponsored by Thermo Scientific

## MANAGEMENT

10:00-11:30 AM

Basic

### 14. IQCP! The Rules are Changing! Managing Risk, Improving Quality & Increasing the Value of POCT

Lab Managers and Point of Care Coordinators are tasked with improving quality and patient outcomes while managing risks related to POCT. The challenges ahead will require thorough assessment and collaboration between the Laboratory, Point of Care Coordinators, Caregivers, and Vendors, working together in the patient's best interest.

**Kimberly Skala, MT (ASCP) Clinical Specialist Critical Care and POC  
Instrumentation Laboratory**

Sponsored by Instrumentation Laboratory



## MANAGEMENT

1:30-3:00 PM

Intermediate

### 15. What's New at CLIA in 2015!

This presentation highlights information provided at the 2015 Northeast CLIA Consortium. We will discuss top deficiencies cited by CMS and findings from Certificate of Waiver survey process to provide tips to insure your lab is inspection ready. Updates include FDA/CLIA glucometer update, impact on CLIA removal of CLSI microbiology document references, and Proficiency Testing (PT) referral. The special emphasis topic is "Developing an Individualized Quality Control Plan (IQCP), A Step-By-Step Guide."

**Dale L. Payne, MA, MT(ASCP), CIC**

3:30-5:00 PM

Intermediate

### 16. Are you Using Your Safety Eyes?

You walk through your laboratory every day, but do you see what's really going on? Can you assess your laboratory's safety readiness just by passing by? This session will help you hone your safety vision and apply that knowledge to improve safety in your laboratory.

**Dan Scungio, MT (ASCP), SLS, CQA (ASQ)**

## PHLEBOTOMY

10:00-11:30 AM

Basic

### 17. The Evolution of Phlebotomy

This presentation will review recent trends in the expansion of the roles and responsibilities of phlebotomists in the healthcare setting. Examples include administering/reading EKG's, Iontophoresis, arterial collections and IV-starts. Various roles in the emergency departments, ICU's and other critical care areas will be presented.

**Randy Gruhlke, MS, CPT (NHA)**  
**Associate Program Director, Phlebotomy Program**  
**Mayo School of Health Sciences (MSHS)**  
**Instructor- Laboratory Medicine and Pathology**  
**Mayo Clinical College of Medicine**

Sponsored by Mayo Medical Laboratories

## PHLEBOTOMY

1:30-3:00 PM

Basic

### 18. Minimizing Redraws

This presentation will take a look at the common causes of redraws, differentiate between "controllable" and "uncontrollable" redraws and discuss methodologies to reduce the total number of redraws, both individually and on a work-group basis. Tracking and documentation techniques will reveal causes allowing for remedial action such as retraining.

**Randy Gruhlke, MS, CPT (NHA)**  
**Associate Program Director, Phlebotomy Program**  
**Mayo School of Health Sciences (MSHS)**  
**Instructor- Laboratory Medicine and Pathology**  
**Mayo Clinical College of Medicine**

Sponsored by Mayo Medical Laboratories

3:30-5:00 PM

Basic

### 19. The Patient Experience

The use of blacklight and invisible paint to transform the patient's pain and anxiety to a positive and memorable experience. Creating a less stressful environment for staff and providing a competitive advantage for facilities employing the practice.

**Lynn Todd, MLS(ASCP)**  
**Lab Director, Campbell County Health**

## HISTOLOGY

10:00-11:30 AM

Intermediate

### 20. Understanding Age-related Kidney Disease using Genetics and Histology

We use the genetic variation in mice to identify novel genes involved in age-related kidney disease and use zebrafish to confirm our findings. The advantage of using mice and zebrafish is that we can collect the kidneys and use histology to study the disease process and the effects of the genes.

**Ron Korstanje, PhD**

# Tuesday, October 20

## HISTOLOGY

1:30-3:00 PM

Advanced

### 21. Pre-analytical/Analytical Considerations in IHC for HER2/Basic Concepts for IHC/ISH/FISH

Her2 Testing is more like doing a frozen section than looking at a special stain because a single observation leads to a critical treatment decision. The test is assumed to be accurate and precise every time by both the clinician and the patient (David Hicks, ASCO CAP "Her2 Testing Revision"). Examples of slides will be shown demonstrating effects of Her2 and FISH signaling, as a result of ischemic time and formalin fixation times; recommendations on performing HER2 validation in your lab along with calculations to determine concordance. Some brief discussion on Her2 as the beginning of a wave of companion diagnostics relative to targeted therapy, to improve outcomes in disease state. Basic concepts of IHC detection based assays; ISH; and FISH will be reviewed. The conclusion will summarize FDA cleared IHC Her2 systems and provide an update on product developments of ASR ISH/FISH probes for large volume testing targeted in HPV, Lung, and Hematopathology.

Chris Minoia, MT(ASCP)

Sponsored by Leica Biosystems

3:30-5:00 PM

Basic

### 22. Reagent Alcohol- Can't Drink It- So What is it?

This talk is designed to assist the Histology Laboratory in understanding the number of reagent alcohols available and how getting the wrong one by ordering it or vendor supplier changes can affect your tissue processing and staining adversely. The last thing we generally look at is our reagent stream and how it can make the lives of everyone from the Histologist to the Pathologist miserable for days to weeks.

Pamela A. Marcum, HT(ASCP) BS, MS

## CONFERENCE SOCIAL EVENTS

### Wine & Cheese Social

Tuesday, October 20th

5:00 PM - 6:00 PM

All are welcome to attend!





## GENERAL

8:30-9:30 AM

Basic

### 23. Leadership

Ms. Zinn will once again delight us with her colorful stories and robust experience as a leader in the Healthcare industry. Per her usual, we will walk away with unique insights and motivation.

**Jennifer Zinn**

Sponsored by Roche Diagnostics

## CHEMISTRY

10:00-11:30 AM

Basic

### 24. Syphilis: Clinical Disease and Testing Algorithms

Syphilis is an easily spread infection of humans caused by the bacterium *Treponema pallidum*. After years of decline in the United States, syphilis infections are again on the rise. This seminar reviews the pathology, epidemiology, and laboratory testing involved in a diagnosis of syphilis. New testing algorithms are discussed that may enhance detection of late-stage infections as well as allow automation of the screening assay.

**Jim Aguanno, PhD**

Sponsored by Siemens

1:30-3:00 PM

Basic

### 25. Food Allergies: Laboratory Testing and Diagnosis

The incidence of allergy and asthma is on the rise worldwide. There are about 55 million Americans who suffer from allergies. Approximately 300 people die from severe allergic reactions each year in the United States. Traditionally, allergy specialists had a primary responsibility to diagnose and manage allergy patients. However, with the advent of newer more sensitive in vitro allergy testing methods, primary care physicians can now confirm a diagnosis and decide whether the patient can receive appropriate treatment or must be referred to a specialist. This presentation describes various aspects of allergies and allergy testing including: allergy definition and common allergens, clinical signs and symptoms, the allergy march and comparison of in vivo and in vitro allergy testing methods.

**Jim Aguanno, PhD**

Sponsored by Siemens

## CHEMISTRY

3:30-5:00 PM

Basic

### 26. Your Fish are Ready

Kennebec River Biosciences Inc., an aquatic animal health company, has utilized histology and diagnostic laboratory services at Mid Coast Hospital since 2007. This presentation will describe how MCH services have been applied towards diagnosis and resolution of health issues in finfish, molluscs and crustaceans.

**Cem Giray, PhD, VP CSO Kennebec River Biosciences Inc.**

Sponsored by Kennebec Biosciences Inc.

## HEMATOLOGY

10:00-11:30 PM

Basic

### 27. Application of Laboratory Testing in a Patient Blood Management Program

A comprehensive Patient Blood Management Program will be described, including the pre-op, intra-op, and post-op patient care. Treatment modalities and the associated lab monitoring will be presented. Case studies will illustrate various treatment plans.

**Leon Binette, RN**  
**Eastern Maine Medical Center**

1:30-3:00 PM

Basic

### 28. Back to Basics: Units & Reference Ranges in Hematology

The program will discuss the historical development of standards in Units of Measure, and the historical role of the Bureau of Weights and Measures in establishing and maintaining those standards. It will also discuss the establishment and clinical significance of reference ranges and units specific to CBC and WBC Differentials.

**Barb Michaud, MT(ASCP)H, M.ED**

## HEMATOLOGY

3:30-5:00 PM Basic

### 29. Confidence in Data Integrity through Pipetting Technique Training

Did you know that common pipetting technique errors can contribute to volume discrepancies that can lead to false assay results? Experts agree: pipetting performance is critical to obtaining accurate test results. Attending this seminar will arm you with the tools to implement best practices in pipetting within your own laboratory.

**Candie Gilman, Artel Training Product Manager**

Sponsored by ARTEL

## BLOOD BANK

10:00-11:30 AM Intermediate

### 30. Transfusion Support in Hematopoietic Stem Cell Transplantation

Participants will learn about the phases of HSCT and the product modifications necessary for patients. They will also learn about ABO incompatibilities that occur during allogeneic HSCTs. Participants will learn how to provide blood product support to HSCT patients and will be presented with several cases demonstrating ABO mismatched HSCTs.

**Kerry L. O'Brien, MD**  
Associate Medical Director, Blood Bank  
Beth Israel Deaconess Medical Center, Boston, MA

1:30-3:00 PM Basic

### 31. Transfusion-Associated Babesiosis

This presentation will provide an overview of Babesiosis to include epidemiology, geographic distribution, life cycle and transmission. The clinical presentation of Babesiosis infection will be discussed, as well as laboratory diagnosis and treatment. Lastly, Dr. Lightfoot will discuss transfusion-transmitted Babesiosis to include research study results and strategies to mitigate transmission.

**Thomas Lightfoot, MD**  
Medical Director, American Red Cross Blood Services  
Carolinas Region

Sponsored by the American Red Cross Blood Services

## BLOOD BANK

3:30-5:00 PM Intermediate

### 32. What is New in Patient Blood Management: Current Perspective on Red Cell and Platelet Transfusion Practices

In recent years, the field of transfusion medicine has seen a significant change in the use of blood products, especially as it relates to red blood cells and platelet units. This session will review related trending blood utilization practice and discuss recent evidence-based transfusion strategies.

**Corinna Goldberg, MD**

Sponsored by the American Red Cross Blood Services

## MICROBIOLOGY

10:00-1:30 AM Intermediate

### 33. Are You Ready for the Next Hollywood Infectious Disease?

Events surrounding Ebola have caused many laboratories to examine all their practices. The discussion will center on established "universal" rules along with "standard" guidelines and how the media took control of reality. The presentation will question infectious media hype and determine...can we be ready for the next emerging infectious disease?

**Rick Danforth, SM(ASCP)**

1:30-3:00 PM Advanced

### 34. Impact of Multiplex Molecular Infectious Disease Testing in a Community Hospital

This talk will discuss the impact that multiplexed, molecular infectious disease testing can make at a community hospital on patient outcomes and antimicrobial stewardship efforts and describe the process associated with evaluating and implementing these tests.

**Angela Silva, MT(ASCP)**  
Microbiology Supervisor, St. Mary's Hospital, Grand Junction, Colorado

Sponsored by Nanosphere



## MICROBIOLOGY

3:30-5:00 PM

Basic

### 35. MALDI-TOF Mass Spectrometry for Bacterial Identification

This session will overview matrix-assisted laser desorption ionization time of flight mass spectrometry for bacterial identification. The history of technology as well as, "how it works", will be presented. Then, performance and utilization in clinical microbiology laboratories will be overviewed. Dr. Patel has been working with this technology since 2010.

**Robin Patel, MD**  
**Professor of Medicine, Professor of Microbiology, Mayo Clinic**

Sponsored by Mayo Medical Laboratories



Photo by Jill Perkins

## COAGULATION

10:00-11:30 AM

Intermediate

### 36. Managing Hemophilia Therapy: From Rasputin to Recombinants

We've known about hemophilia since the second century. First we treated it by killing its victims. Then the evil monk Rasputin employed the occult to assist Prince Alexis and the Romanovs, triggering the Russian revolution. By the 1970s hemophilia was "cured", until the therapy was found to transmit fatal viral diseases. This led us to recombinant factors, including long half-life VII and IX that require special management. Is gene transfer therapy in our future? A presentation for hematology, hemostasis, and transfusion medicine specialists.

**George A. Fritsma, MS, MLS**

## COAGULATION

1:30-3:00 PM

Intermediate

### 37. Monitoring the Direct Oral Anticoagulants, Whatever Happened to the PT and PTT?

At least four new direct oral anticoagulants (DOACs) are eroding the 50-year dominance of Coumadin and heparin, providing simpler and more reliable prophylaxis and treatment of venous thromboembolic disease and ischemic stroke. Distributors claim no monitoring is necessary, nevertheless, laboratory scientists are being asked to identify and measure DOACs in a number of circumstances, often emergent. We will discuss the available DOAC assays.

**George A. Fritsma, MS, MLS**

3:30-5:00 PM

Intermediate

### 38. Antiphospholipid Syndrome

Antiphospholipid syndrome occurs when your immune system attacks normal proteins in your blood. APS can cause blood clots to form within your arteries or veins and cause pregnancy complications. Blood tests look for at least one of three antibodies in your blood and must appear at least twice in tests conducted at least 12 weeks apart.

**Dana-Marie Conners**  
**Senior Technical Sales Representative**  
**Instrumentation Laboratory**

Sponsored by Instrumentation Laboratory

## MANAGEMENT

10:00-11:30 AM

Basic

### 39. Seven Secret Strategies to Put the F.U.N. Back in Your Lab Safety Program

Is your safety culture bland, boring or broken? Put F.U.N. into your safety program! This program is about results: simple, cost-effective ideas that will help you find the cause of an ineffective safety program, unleash the potential of your staff to become safety-savvy, and accept no excuses for poor safety behavior.

**Dan Scungio, MT(ASCP), SLS, CQA(ASQ)**

# Wednesday, October 21

## MANAGEMENT

1:30-3:00 PM

Intermediate

### 41. Value of the Lab in Value Based Purchasing and Meaningful Use

This session will provide attendees with an understanding of the valuable role laboratories play in contributing to the goals and metrics of value based purchasing and attesting of meaningful use stage 2 and 3 by leveraging diagnostic testing capabilities, reporting on quality and efficiency improvements, and aligning to administration goals.

**Liana F. Romero, PhD, MBA-GM, MT(ASCP)**

Sponsored by Siemens Healthcare Diagnostics

3:30-5:00 PM

Intermediate

### 42. Legal Aspects of Phlebotomy

Healthcare workers who collect blood must be trained properly in all areas of phlebotomy. Phlebotomy is an invasive procedure. Healthcare workers that perform phlebotomy incorrectly can and will be held legally accountable for their skills. This presentation will review guidelines to avoid lawsuits, describe situations that may have legal ramifications and discuss the legal aspects associated with phlebotomy procedures.

**Kathleen Finnegan, MS, MT(ASCP)SH**

Sponsored by Greiner Bio-One

## PHLEBOTOMY

10:00-11:30 AM

Intermediate

### 43. The Patient Experience

The use of blacklight and invisible paint to transform the patient's pain and anxiety to a positive and memorable experience. Creating a less stressful environment for staff and providing a competitive advantage for facilities employing the practice.

**Lynn Todd, MLS(ASCP)**  
**Lab Director, Campbell County Health**

## PHLEBOTOMY

1:30-3:00 PM

Intermediate

### 44. Needle Stick Prevention

Needle sticks are always a concern for phlebotomists and healthcare workers. It is important to know how to prevent and avoid a needle stick and if one does occur what are the treatment options.

**Kathleen Finnegan, MS, MT(ASCP)SH**

Sponsored by Greiner Bio-One

3:30-5:00 PM

Intermediate

### 42. Legal Aspects of Phlebotomy

Healthcare workers who collect blood must be trained properly in all areas of phlebotomy. Phlebotomy is an invasive procedure. Healthcare workers that perform phlebotomy incorrectly can and will be held legally accountable for their skills. This presentation will review guidelines to avoid lawsuits, describe situations that may have legal ramifications and discuss the legal aspects associated with phlebotomy procedures.

**Kathleen Finnegan, MS, MT(ASCP)SH**

Sponsored by Greiner Bio-One

## STUDENT FORUM

12:30-1:30 PM

Basic

### 40. Student Forum

This session will introduce students to people active in the profession. Discussion will include updates on jobs, professional activities, licensure and other topics relevant to students and others interested in the clinical laboratory profession.

**Ellen Libby, MS, MT, MLS, ASCLS-ME Past President;**  
**Eastern Maine Medical Center, School of Laboratory Science,**  
**Affiliated Laboratory, Inc., Bangor ME**





Photo by Carol Harding

## GENERAL

8:30-9:30 AM

Basic

### 45. Communication Biohazard

The laboratory plays an invaluable and enormously significant role in patient care. Given the laboratory's value, what's the one thing that could destroy it in a heartbeat? Communication issues! Laboratorians have all of this great, specialized expertise; however, sometimes the delivery sabotages the value. This session engages participants in a highly energetic, narrowly focused, interactive, humorous approach that allows them the opportunity to distinguish some of the bio-hazardous communications they engage in and then address more effective strategies to communicate their information, knowledge and expertise.

**Cherie V. Peterson, BA**  
**Institute for Learning, ARUP Laboratories**

Sponsored by ARUP Laboratories

## CHEMISTRY

10:00-11:30 AM

Basic

### 46. The Heroin Narcotic Rx Crisis

This presentation will discuss the most important drug threat currently facing the nation as a whole: The Heroin/Narcotic drug crisis. The epidemic of heroin use is discussed in connection to our fifteen year addiction to oxycodone as a drug to cope with the "everyday stresses of life". Using a root cause analysis and fifty years of history we identify the causes of the epidemic and then attempt to provide workable solutions.

**James Wesley, MS, Clinical/Forensic Chemist**

1:30-3:00 PM

Basic

### 47. Molly Misses MDMA: Everything but the Drug

The summer 2010 concert season featured a tan powder in small zip-lock bags. Advertised as "Moly", it was identified by the Crime Lab as 50% MDMA. By October 2010, Molly continues to be submitted to crime labs for testing but the MDMA had all been replaced with 4-Methmethcathinone. And now five years into the current "Moly" resurgence we have over 80 hallucinogenic/stimulant compounds to deal with, many appearing for the first time at concert events. Joining the parade of Cathinones are Tryptamines, Phenethylamines, Benzylpiperazines and some that refuse classification. LSD blotter paper isn't even LSD anymore. Amid reports of deaths from "Tainted Molly" and "Bad Batches of Molly" and Level 2 Mass Casualty Incidents, we set the record straight by providing the history of concert drug use from 1996-present and a complete list of identified drugs. We then discuss symptoms of overdose, including; hyponatremia, heat stroke, rhabdomyolysis, and excited delirium and offer novel approaches to reduce concert overdoses and deaths.

**James Wesley, MS, Clinical/Forensic Chemist**

3:30-5:00 PM

Intermediate

### 48. Hemoglobin A1C- How Sweet It Is!

This presentation will cover how hemoglobin A1C is created in the body, different testing methodologies, and various patient factors and conditions that influence Hemoglobin A1C testing and results, including hemoglobinopathies.

**Nicole Colby, MLS(ASCP)<sup>CM</sup>**  
**York Hospital**

## HEMATOLOGY

10:00-11:30 PM Intermediate

### 49. Differential Diagnosis of Left Shift, the Most Common Abnormality seen at CBC-Diff

While left shift is a very common abnormality seen by labs during CBC testing, its significance can vary significantly, ranging from a simple and localized infection to life threatening conditions, such as pro-myelocytic leukemia. In this presentation we will review the differential diagnosis for various clinical conditions associated with left shift, and discuss the proper procedures laboratories can implement to make sure that the most critical diseases that can lead to left shift are not missed.

**Fernando P. Chaves, MD**

**Director, Global Scientific Affairs, Beckmen Coulter, Inc.**

Sponsored by Beckman Coulter, Inc.

1:30-3:30 PM Intermediate

### 50. Mean Platelet Volume, an Old New Parameter

In this presentation we will re-visit an often overlooked parameter in the CBC, the MPV. This parameter has critical applications, such as discriminating between thrombocytopenias caused by bone marrow disease (low platelet production) versus those caused by increased platelet destruction in the circulation. The MPV also provides critical information relating to platelet activity and thus clinical risk for thromboembolic events such as myocardial infarction and deep vein thrombosis. This presentation discusses how the MPV in fact, provides the same clinical information as new platelet parameters being proposed in the industry, while being much easier and less costly to implement because it is reported as part of every routine CBC without the need for reticulocyte counting nor clinical request.

**Fernando P. Chaves, MD**

**Director, Global Scientific Affairs  
Beckman Coulter, Inc.**

Sponsored by Beckman Coulter, Inc.

3:30-5:00 PM Basic

### 51. Appropriate Locations for POCT

This session will discuss the standards that must be used to determine when a POC procedure should be established in a nursing care unit. We will also discuss what locations are appropriate for POCT within the different and unique facilities. We will end with a variety of POCT options currently available for different nursing disciplines.

**Randel Roy, MT(ASCP)**

**Clinical Coordinator, ALI**

## BLOOD BANK

10:00-11:30 AM Basic

### 52. Hemovigilance in Massachusetts: Adoption of the National Healthcare Safety Network for Blood Bank Activity and Adverse Event Reporting

In 2014, Massachusetts became the first state to require that all licensed blood banks report monthly usage and adverse event data using the Hemovigilance Module of the National Healthcare Safety Network. This session will describe how this was accomplished and review hemovigilance data submitted by Massachusetts' blood banks.

**Melissa Cumming, MS**

**Anthony Osinski, MPH**

**Epidemiologists, Hemovigilance Coordinators  
Division of Epidemiology and Immunization  
MA Department of Public Health**

1:30-3:00 PM Intermediate

### 53. Transfusions in the Setting of Cardiac Surgery

TBA

**Robert S. Kramer, MD, FACS**

**Director of Research and Quality Improvement  
Division of Cardiothoracic Surgery  
Maine Medical Center**

3:30-5:00 PM Intermediate

### 54. Immunohematology Case Studies

A presentation of several immunohematology case studies to include the techniques and approach used to resolve patient serological antibody identification. The clinical significance of the antibodies presented along with transfusion recommendations will be discussed.

**Sandra Reed, MT(ASCP)SBB**

**American Red Cross, Dedham, MA**

Sponsored by the American Red Cross Blood Services



# Thursday, October 22

## MICROBIOLOGY

10:00-11:30 AM Intermediate

### 55. Diagnosis of Sepsis: Blood Cultures and Beyond

The lecture will review best practice guidelines for blood cultures, impact of specific diagnostic methods for the management of patients, patient outcomes and hospital expenses. Alternative technologies for sepsis management, such as use of biomarkers for early detection of sepsis and monitoring effectiveness of treatment, and next generation diagnostic methods will be reviewed.

**Patrick R. Murray, PhD, ABMM**  
Senior Director, WW Scientific Affairs  
BD Diagnostic Systems

Sponsored by BD Diagnostics

1:30-3:00 PM Intermediate

### 56. Current Status of Molecular Diagnostics

The evolution of molecular diagnostics will be reviewed, moving from dedicated platforms for a limited selection of viruses and bacteria to benchtop platforms for performing a large variety of molecular tests for both individual pathogens and resistance markers to large multiplex assays.

**Patrick R. Murray, PhD, ABMM**  
Senior Director, WW Scientific Affairs  
BD Diagnostic Systems

Sponsored by BD Diagnostics

3:30-5:00 PM Basic

### 57. Primary HPV Cervical Cancer Screening: Supporting Data and Guidance Updates

FDA has approved the first hrHPV test for the use as a primary test for cervical cancer screening for women 25 years and older. Interim guidance is now available on the use of primary hrHPV testing as an alternative to current US cytology-based cervical screening methods.

**Julia Engstrom-Melnyk, PhD**  
Medical and Scientific Affairs  
Roche Diagnostic Corporation

Sponsored by Roche Diagnostic Corporation

## CYTOLOGY

10:00-11:30 AM Basic

### 58. Significance of an "Atypical" Diagnosis in Urine Cytology

This session focuses on urine cytology as a diagnostic method. In addition to cytomorphology, clinical correlation will be shown as well as diagnostic prevalence of the "atypical" category and patient outcomes.

**Samuel Barasch, MD**  
Assistant Professor of Pathology  
Westchester Medical Center

1:30-3:00 PM Intermediate

### 59. Best Practices and Trends in EUS Cytopathology: An Integrative Approach

An interactive didactic lecture broken into two sessions integrating the current practices in EUS-guided Tissue Acquisition with cytopathology specimen handling and interpretation, encompassing: 1) tools for cytologic evaluation for adequacy, 2) an algorithmic approach to needle selection, 3) tools to employ if onsite evaluation is not available, and 4) avoiding diagnostic pitfalls.

**Shantel Hebert-Magee, MD**  
Director of Academic Pathology, Center for Interventional Endoscopy Florida Hospital  
Assistant Professor of Pathology, University of Central Florida College of Medicine

3:30-5:00 PM Intermediate

### 60. A Paradigm for Pancreatic EUS-FNA Cytopathology

An interactive didactic lecture broken into two sessions integrating the current practices in EUS-guided Tissue Acquisition with cytopathology specimen handling and interpretation, encompassing: 1) tools for cytologic evaluation for adequacy, 2) an algorithmic approach to needle selection, 3) tools to employ if onsite evaluation is not available, and 4) avoiding diagnostic pitfalls.

**Shantel Hebert-Magee, MD**  
Director of Academic Pathology, Center for Interventional Endoscopy Florida Hospital  
Assistant Professor of Pathology, University of Central Florida College of Medicine

# Thursday, October 22

## MANAGEMENT

10:00-11:30 AM

Basic

### 61. IQCP- What you Need to Know

Individualized Quality Control Plans (IQCP) will replace Equivalent Quality Control (EQC) options at the end of this year. Most labs are using this risk-based approach to QC for their point-of-care testing. Learn what CLIA and accrediting bodies will require and discover practical steps to complete an IQCP for your lab.

**Gary Bowden, MT(ASCP)**  
**Quality Systems Specialist**  
**Bio-Rad Laboratories, Inc.**

Sponsored by Bio-Rad Laboratories

1:30-3:00 PM

Intermediate

### 62. The Key to Performance Management

Ever wonder why you spend more time with the problems than building upon your successes? This session will not only answer this question, but will provide practical, real-world solutions to raising the performance of your teams, creating an environment where you attract and retain high performers, and increase employee engagement.

**Matt Bahl, J.D.**  
**Vice President, Human Resources MaineHealth/MMC**

3:30-5:00 PM

Intermediate

### 63. Lions, Tigers, and Challenging Employment Issues (Oh My!)

The gossip, the brilliant bad-actor, and the bully (just to name a few). Do any of these archetypes work at your organization? If so, this session is for you. Every workplace has it's own challenges and opportunities. One place where organizations frequently fall short is proactively addressing challenging employment issues. This session will provide practical solutions to help you better address challenging employment issues.

**Matt Bahl, J.D.**  
**Vice President, Human Resources MaineHealth/MMC**

## PHLEBOTOMY/POCT

10:00-11:30 AM

Intermediate

### 64. Optimizing Accuracy and Precision in POCT in Specific Clinical Settings

The accuracy and precision of all analyses are affected by a variety of factors in all phases of the testing process, but a large percentage of errors occur in the pre-analytical phase. Concern about such causes of pre-analytical error led to the recent 2009 FDA warning about glucose testing at the point of care and recommendations on how to mitigate the problem. The scope and approaches for decreasing pre-analytical errors will be discussed with the goal of improving patient care outcomes.

**Anthony O. Okorodudu, PhD, MBA, DABCC**  
**Professor of Pathology and Director, Clinical Chemistry Division, Department of Pathology**  
**University of Texas Medical Branch, Galveston, TX**

1:30-3:00 PM

Basic

### 65. The Accuracy of Point-of-Care Glucose Testing and its Impact on the Management of Critically Ill Patients

It is important for laboratories and clinicians to be aware of the limitations of specific POC glucose meters when they determine whether or not POC glucose meters should be used for critically ill patients. This session will discuss the use of point-of-care glucose testing and its impact on the management of critically ill patients.

**Kathie L Hermayer, MD, MS, FACE**  
**Professor of Medicine, Endocrinologist**  
**Division of Endocrinology, Diabetes and Medical Genetics at MUSC, Charleston, SC**

3:30-5:00 PM

Basic

### 51. Appropriate Locations for POCT

This session will discuss the standards that must be used to determine when a POC procedure should be established in a nursing care unit. We will also discuss what locations are appropriate for POCT within the different and unique facilities. We will end with a variety of POCT options currently available for different nursing disciplines.

**Randel Roy, MT(ASCP)**  
**Clinical Coordinator, ALI**

# Conference Registration

1

Please print all information. Fill out this form completely and use a separate form for each registrant. **You may photocopy this form.**

NAME: \_\_\_\_\_  
EMPLOYER NAME: \_\_\_\_\_  
MAILING ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_  
PHONE: \_\_\_\_\_ E-mail\*: \_\_\_\_\_

\*E-mail addresses are essential! Online handouts can only be accessed with a password, which will be e-mailed to attendees after registering. Thank you for your cooperation!

Registrants with a professional membership to the following affiliations may receive the member rate.

Circle One: ASCLS, AMT, CLMA, ASC, ASCT, NSH, AACC

Membership # \_\_\_\_\_

Please circle one of the following:

LAB MANAGER SUPERVISOR TECHNOLOGIST PHLEBOTOMIST OTHER \_\_\_\_\_

To help plan for adequate seating, please circle the date and circle the number of the session(s) you will attend. DO NOT circle concurrent sessions. Session numbers are noted in program listing.

2

October 20							October 21							October 22					
1	2	3	4	5	6	•	23	24	25	26	27	28	•	45	46	47	48	49	50
7	8	9	10	11	12	•	29	30	31	32	33	34	•	51	52	53	54	55	56
13	14	15	16	17	18	•	35	36	37	38	39	40	•	57	58	59	60	61	62
19	20	21	22			•	41	42	43	44			•	63	64	65			
						•							•						

3

## Registration Fees

Fees include participation at all sessions and workshops, luncheons, admission to the exhibit hall, keynote address, social hour, and exhibitor reception.

Number of Days	Member	Nonmember	Student Member	Student Nonmember
ONE	\$55.00	\$70.00	\$25.00	\$35.00
TWO	\$95.00	\$125.00	\$40.00	\$60.00
THREE	\$130.00	\$175.00	\$55.00	\$80.00

Make Checks Payable To:  
**ME/NH Medical Technologists**

Registration

+

=

\$

Mail-in registration postmarked by: closed Oct. 9. On-line registration closed Oct. 19.

Walk-ins add \$10.00. REGISTER ONLINE AT: [www.northeastlaboratoryconference.org](http://www.northeastlaboratoryconference.org)

OR

Mail Completed Form & Payment To:  
(Payment MUST accompany registration)

Christina Labrosse  
DownEast Community Hospital  
11 Hospital Dr. Machias, ME 04654

Total Amount  
Enclosed:



## Contact Us

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If you have any questions, comments or suggestions, the conference committee is available via email at [nelabconference@gmail.com](mailto:nelabconference@gmail.com) or you can visit our website at [northeastlaboratoryconference.org](http://northeastlaboratoryconference.org).



*Photo by Tammy Ellis*

Welcome to the Northeast Laboratory Conference  
Tuesday, October 20, 2015

**Wine and Cheese Social**  
Seminar handouts will be available via the Internet. Please see page 3.

Welcome to the Northeast Laboratory Conference  
Wednesday, October 21, 2015

# Wednesday at a Glance...

General Session						
Wednesday	23 Leadership Jennifer Zinn					
8:30 - 9:30						
	Chemistry	Hematology	Blood Bank	Microbiology	Coagulation	Management
	24	27	30	33	36	39
10:00–11:30	Syphilis: Clinical Disease Testing & Algorithms  Jim Aguanno, PhD	Lab Testing in Patient Blood Management Program  Leon Binette	Transfusion Support of Hematopoietic Stem Cell Transplantation  Kerry O'Brien, MD	Area You Ready for the Next Hollywood Infection?  Rick Danforth	Managing Hemophilia Therapy  George Fritsma	Put the F.U.N. Back in Your Lab Safety Program  Dan Scungio
Lunch						40 Student Forum 12:30-1:30
1:30 – 3:00	25	28	31	34	37	41
	Food Allergies: Lab Testing and Diagnosis  Jim Aguanno, PhD	Back to Basics: Units & Reference Ranges in Hematology  Barb Michaud	Transfusion Associated Babesia  Thomas Lightfoot, MD	Impact of Multiple Molecular Infectious Disease Testing  Angela Silva	Monitoring the Direct Oral Anticoagulants  George Fritsma	Value of the Lab & Meaningful Use  Liana Romero, PhD
3:30 – 5:00	26	29	32	35	38	42
	Your Fish are Ready  Cem Giray, MD	Confidence in Data Testing Through Pipetting Technique  Candie Gilman	AABB RBC and Platelets Guidelines  Corrine Goldberg, MD	Mass Spectrometry for Bacterial Identification  Robin Patel, PhD	Antiphospholipid Syndrome- A Comparison of Laboratory Guidelines  Dana Connors	Legal Aspects of Phlebotomy  Kathleen Finnegan
						43
						The Patient Experience  Lynn Todd
						44
						Needlestick Prevention  Kathleen Finnegan
						42
						Legal Aspects of Phlebotomy  Kathleen Finnegan

Seminar handouts will be available via the Internet! Please see page 3.



# Thursday at a Glance ...

Welcome to the Northeast Laboratory Conference  
Thursday, October 22, 2015

Thursday	General Session						
8:30 - 9:30	45 Communication Biohazard Cherie Petersen						
	Chemistry	Hematology	Blood Bank	Microbiology	Cytology	Management	POCT/Phlebotomy
10:00–11:30	46 Herion Epi- demic	49 Differential Diagnosis of Left Shift	52 A Review of Hemovigilance Reporting in MA	55 Diagnosis Sepsis- Blood Cultures and Beyond	58 Significance of Atypical Diag- nosis in Urine Cytology	61 IQCP- What You Need to Know Now	64 Optimizing Accu- racy and Precision in POCT
	Jim Wesley	Fernando Chaves, MD	Melissa Cum- mings and Anthony Osinski	Patrick Murray, PhD	Samual Barasch, MD	Gary Bowden	Anthony Okor- dudu, PhD
Lunch							
1:30 – 3:00	47 Update on Syn- thetic Drugs: Molly, MDMA...	50 MPV, an Old New Parameter	53 Transfusion Support in the Cardiac OR	56 Current Status of Molecular Testing	59 Best Practices & Trends in EUS Cytopathology	62 The Key to Per- formance Man- agement	65 POCT Accuracy & Impact on Critically Ill Patients
	Jim Wesley	Fernando Chaves, MD	Robert Kramer, MD	Patrick Murray, PhD	Shantell Herbert- Magee, MD	Matt Bahl	Kathie Hermayer, MD
3:30 - 5:00	48 HBA1C- How Sweet It Is	51 Appropriate Locations for POCT	54 Immunohema- tology Case Studies	57 HPV as First Line Testing	60 A Paradigm for Pancreatic EUS- FNA Cytopathol- ogy	63 Lions, Tigers and Challenging Em- ployment Issues	51 Appropriate Loca- tions for POCT
	Nicole Colby	Randy Roy	Sandra Reed	Julia Engstrom- Melnik, PhD	Shantell Herbert- Magee, MD	Matt Bahl	Randy Roy

Seminar handouts will be available via the Internet! Please see page 3.

# Hotel Information



88 Spring Street  
Portland, Maine 04101-3924

800-345-5050 (Out-of-State)  
800-345-5070 (In-State)  
207-775-2311

Rooms are \$11 €00, single or double

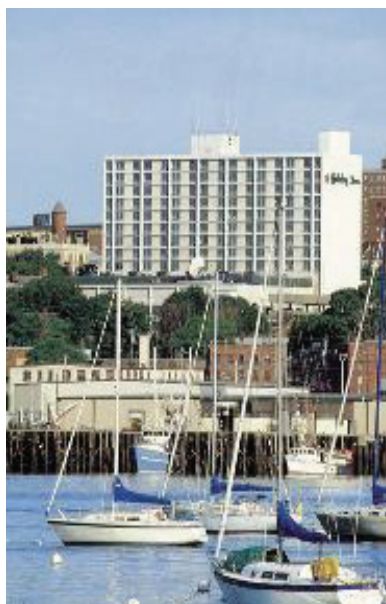
Situated in Historic Old Port and Waterfront District, with spectacular views of Casco Bay, the mountains, and the city skyline. Free parking, fitness center, indoor pool and saunas. Quality Excellence Award winner.

La Quinta Inn & Suites Portland Airport  
340 Park Ave.  
Portland, Maine 04102

Reservations Dept:  
207-871-0611

Located just off 295, just minutes away from the Cumberland County Civic Center and the Historic Old Port District.

Transportation is not provided by La Quinta to the Northeast Laboratory Conference. Attendees will need to provide their own transportation. Parking is available in the Holiday Inn parking garage on Spring Street.

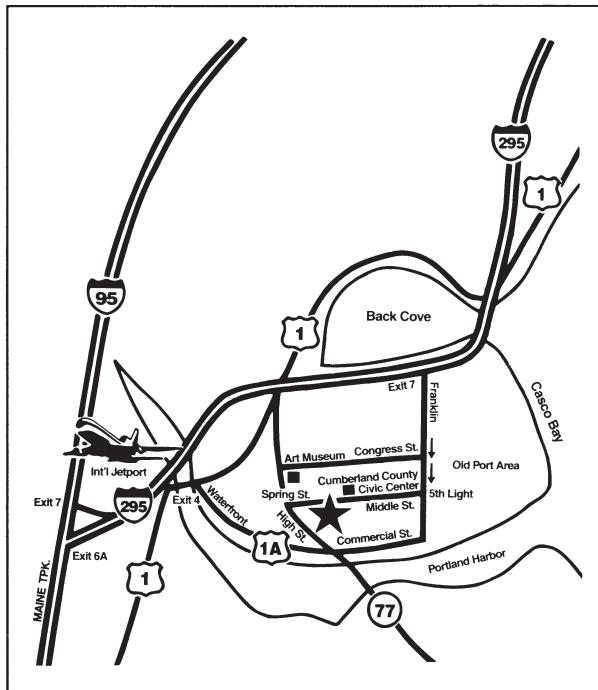


Please make your reservations by September 16, 2015. For the above discounted room rates, **be sure to mention the Northeast Laboratory Conference.**

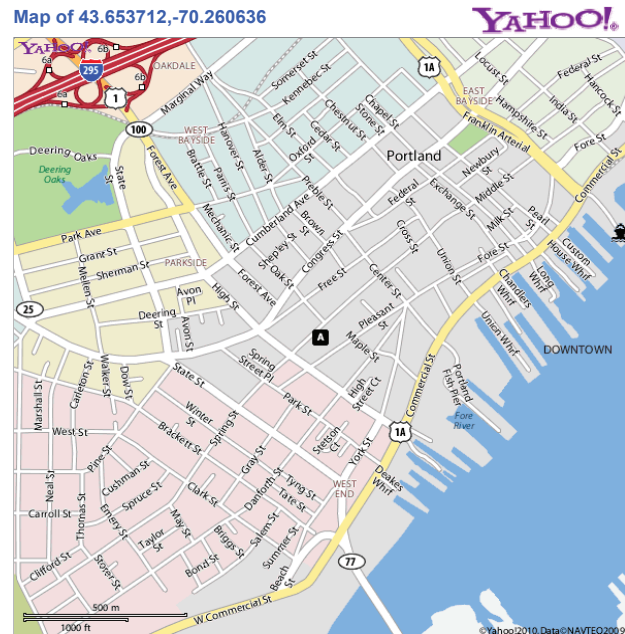
# Getting There

## GREATER PORTLAND AWAITS

Portland, the metropolitan hub of Maine's south coast region, is a lively city that incorporates the character of yesteryear into a modern urban environment. Historic architecture blends gracefully with the new as you stroll along her working waterfront or the cobblestone streets of the Old Port. With so much to offer, Portland still easily earns the title Henry Wadsworth Longfellow dubbed his boyhood home, the "Jewel by the Sea".



Map of 43.653712,-70.260636



When using any driving directions or map, it's a good idea to do a reality check and make sure the road still exists, watch out for construction, and follow all traffic safety precautions. This is only to be used as an aid in planning.

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## GETTING TO THE CONFERENCE CENTER

The Holiday Inn by the Bay Conference Center and Hotel is located at 88 Spring Street in Portland (207-775-2311). The International Jetport, serviced by four major carriers, is just ten minutes from downtown Portland. National and regional bus lines offer numerous daily routes into the city. Once in Portland, you will find it easy to navigate.



# Travel Information

## BY CAR

Northbound on Route 295, take Exit 4 onto Commercial Street, left onto High Street, and right onto Spring Street.

Southbound on Route 295, take Exit 7 onto Franklin Street, right at the 5th traffic light onto Middle Street.

## BY BUS

Vermont Transit Lines, 800-552-8737, provides daily express services throughout Maine and Northern New England.

Concord Trailways, 800-639-3317, provides daily service from Boston, Bangor, and coastal Maine.

## PORTLAND INTERNATIONAL JETPORT

The Jetport is serviced by 7 major carriers:

Air Tran	800-247-8726
Continental Airlines	800-523-3273
Delta	800-221-1212
Jet Bue	800-538-2583
Northwest	800-225-2525
United Express	800-864-8331
U.S. Airways	800-428-4322

## Parking for the 2015 Conference

The Holiday Inn by the Bay now operates the parking garage immediately next door to the hotel. It has ample parking spaces available, which should be plenty for daily attendance at the conference. There is no charge for parking for conference attendees. Car pooling is still recommended. **No conference parking is permitted under the hotel. This is reserved for hotel guests and handicapped parking only.**

The Holiday Inn parking garage can only be accessed by going down Spring St. toward the Old Port. Easiest access is from State St. (State Rt. 77) by turning left onto Spring St. (first left turn after crossing Congress St.). Reference Google Maps for Portland, ME, for a detailed view of the area.

There is also a free Park and Ride lot just off Interstate-295. Take Exit 7 to Franklin Arterial and make an immediate left onto Marginal Way. The lot is located on the left. ABC Taxi is available at (207) 772-8685 and will carry from one to four people at approximately \$7 (plus tip) per ride to the Holiday Inn.

Parking garages and taxi companies can be accessed through Google. Enter Portland, ME, select the link to [maps.google.com](https://maps.google.com), select 'find businesses' and type 'parking garages' or 'taxi companies' for lists with addresses, phone numbers, and directions.

Please be sure to leave yourself plenty of time to make it to the conference, find parking, and register. All seminars start promptly at the times stated and being on time is very much appreciated.

Please drive carefully and enjoy your time at

# 2015 Exhibitor Listing

Advanced Instruments, Inc  
Affiliated Laboratory, Inc  
Agilent Technologies, Inc  
Alere  
American Red Cross Blood Services  
ARKRAY  
ARTEL  
ARUP Laboratories  
AUDIT MicroControls, Inc  
BD Diagnostic Systems  
Beckman Coulter  
Bio-Rad Laboratories  
Cardinal Health  
Cepheid  
Diagnostica Stago, Inc  
DiaSorin, Inc  
Fertility Solutions  
Fisher Healthcare  
Global Focus Marketing & Distribution  
Greiner Bio-One North America, Inc.  
HemoCue America  
Hettich Lab Technology  
Horiba Medical  
Immucor, Inc.  
IMUGEN, Inc.  
Instrumentation Laboratory  
InterScience Laboratories, Inc.  
LabCorp New England  
Laboratory Supply Company  
Mayo Medical Laboratories  
Micro Video Instruments, Inc  
Nanosphere  
NorDx  
Ortho Clinical Diagnostics  
Oxford Immunotec  
Puritan Medical Products Co., LLC  
Quest Diagnostics

Radiometer America, Inc.  
Roche Diagnostics  
Sekisui Diagnostics  
Siemens Healthcare Diagnostics  
Sysmex America, Inc  
The Binding Site, Inc  
Thermo Fisher, Lab Equipment Division  
Thermo Fisher, Microbiology Division  
TOSOH Bioscience, Inc.  
Wisconsin State Laboratory of Hygiene  
And More ...



Photo by Peggy Kimball

*We Wish to Thank All the Exhibitors for Their  
Continued Support!!*

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Fertility Solutions, Inc.  
NorDx  
Sysmex America, Inc.

## Raffle Sponsors:

Affiliated Laboratories, Inc.  
NorDx  
Puritan Medical Products

## Wine and Cheese Sponsors:

Maine Standards  
Spectrum Medical Group  
NorDx

## Lucheon Sponsor:

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*Photo by Jill Perkins*

*We Wish to Thank All Our Sponsors for  
Their Continued Support!!*





# Out and About

**Center for Maine History Museum**

489 Congress St., Portland, ME 04101  
207-774-1822      [www.mainehistory.org](http://www.mainehistory.org)

**Children's Museum of Maine**

142 Free St., Portland, ME 04101  
207-828-1234      [www.kitetails.com](http://www.kitetails.com)

**Henry Wadsworth Longfellow House Museum**

489 Congress St., Portland, ME 04101  
207-774-1822      [www.mainehistory.org](http://www.mainehistory.org)

**The Museum of African Culture**

13 Brown St., Portland, ME 04101  
207-871-7188      [www.africantribalartmuseum.org](http://www.africantribalartmuseum.org)

**Portland Museum of Art**

7 Congress St., Portland, ME 04101  
207-775-6148      [www.portlandmuseum.org](http://www.portlandmuseum.org)

**Portland Ballet Company**

517 Forest Ave. #2, Portland, ME 04101  
207-772-9671      [www.portlandballet.org](http://www.portlandballet.org)

**Portland Stage Company**

25A Forest Ave., Portland, ME 04101  
207-774-0465      [www.portlandstage.com](http://www.portlandstage.com)

**Portland Symphony Orchestra**

477 Congress St., Portland, ME 04101  
207-842-0800      [www.portlandsymphony.com](http://www.portlandsymphony.com)



*Photo by Ellen Libby*

# GREATER PORTLAND AWAITS

*The Greater Portland area is your destination for scenic beauty, awesome recreational activities, and a variety of historic and cultural offerings. Portland is Maine's largest metropolitan area situated on a peninsula overlooking the Casco Bay. Its 15-mile radius provides a broad array of countryside and coastal landscapes for all appetites to enjoy. Old Orchard Beach is known for its sandy beaches, boardwalk and arcades, while Freeport is home to the world-renowned LL Bean outdoor and sportman's outlet store. North Windham provides the key to the western lakes and mountains of Maine, and is located at the southeastern edge of Lake Sebago.*



*Photo by Mike Blanchard*

## CONFERENCE HIGHLIGHTS

Over 60 information-packed PACE approved seminars

Keynote Speaker Gary W. Procop, MD

Wine and Cheese Social

More than 80 exhibitor booths

Fabulous breaks and luncheons

Network with friends and colleagues

Sharpen your skills with outstanding programs

Enjoy the charm and beauty of Portland, Maine

Great raffle prizes drawn daily

Peak fall foliage season in beautiful coastal Maine

**See you there!**



Jessica Cunningham  
St. Joseph Hospital Laboratory  
360 Broadway  
Bangor, ME 04401

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Please Visit our Website at  
[www.northeastlaboratoryconference.org](http://www.northeastlaboratoryconference.org)



*Photo by Mike Blanchard*

# 2015 Committee

Planning Committee Chair:	Laura Gilbert-Caret (AMT) Inland Hospital
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