

**2020  
Annual  
Meeting**

**American Society for  
Clinical Laboratory  
Science-Pennsylvania**

**Pennsylvania State  
Society of  
American Medical  
Technologists**

**May 3–4, 2020**

**DoubleTree Suites by  
Hilton Hotel  
Philadelphia West**

**Plymouth Meeting,  
Pennsylvania**

# 2020 Annual Spring Meeting

Welcome to the 85<sup>th</sup> Annual Meeting of the Pennsylvania affiliate of the American Society for Clinical Laboratory Science and the Pennsylvania State Society of American Medical Technologists. All committees working on the annual meeting have put a great deal of effort into planning a comprehensive program for you. You will find within these pages the best continuing education and networking opportunities in the area.

We are excited to have the meeting move back to the Philadelphia area at the DoubleTree Suites by Hilton Hotel, Philadelphia West, 640 Fountain Road, Plymouth Meeting, PA 19462. This venue allows us to provide state-of-the-art seminars in a comfortable and convenient setting that is conducive to learning. **A light breakfast and buffet lunch are included in your daily registration.**

This meeting is packed with 20 hours of PACE approved continuing education credits throughout the day. The program is designed to meet the needs of laboratorians seeking to participate in the BOC Certification Maintenance Program. Vendor exhibits will also be part of the meeting. Plan to spend some time at the vendor tables and learn about the products and services they have to offer. **Several dedicated exhibit times are back again this year.** A list of speaker sponsors can be found later in this program.

To stay up to date on everything ASCLS-PA, please visit us at [www.ascls-pa.org](http://www.ascls-pa.org). We hope that the traditions of the past and the changes for the future will produce an enjoyable meeting for you.

.....

## 2020 Annual Meeting Planning Committee

General Chair: Sharon Strauss  
Program Chair: Joshua Cannon  
Vendor Chair: Travis Bicher  
Registration Chair: Khadija Derrouche  
PACE Coordinator: Katie Franz

.....

## General Meeting Schedule

### Sunday, May 3, 2020

3:00 p.m. – 8:00 p.m.

ASCLS-PA Board of Directors Meeting/Annual Business Meeting & Dinner/Awards Ceremony

#### **Walnut B**

All ASCLS members are welcome!

Non-members interested in getting involved are also welcome!

7:00 p.m. – 9:00 p.m.

PASSAMT Board of Directors Meeting

#### **Spruce**

### Monday, May 4, 2020

7:30 a.m. – 8:30 a.m.

Registration, Breakfast, and Dedicated Exhibit Time

8:30 a.m. – 10:45 a.m.

General Sessions (Check on site for room updates)

10:45 a.m. – 11:15 a.m.

Dedicated Exhibit Time and Morning Break

11:15 a.m. – 12:15 p.m.

General Session (Check on site for room updates)

12:15 p.m. – 1:15 p.m.

Buffet Lunch and Dedicated Exhibit Time

1:15 p.m. – 2:15 p.m.

General Session (Check on site for room updates)

2:15 p.m. – 2:45 p.m.

Dedicated Exhibit Time and Afternoon Break

2:45 p.m. – 3:45 p.m.

General Session (Check on site for room updates)

10:00 a.m. – 12:00 p.m.

PASSAMT Business Meeting (All state society AMT members welcome)

#### **Spruce**

**P.A.C.E.® approval is pending for all sessions.  
ASCLS-PA is an approved provider of C.E. programs by the ASCLS P.A.C.E.® Program  
The level of each session is INTERMEDIATE unless otherwise noted.**

Breakfast and lunch are included in your daily registration. Breakfast will include a continental breakfast, served in Walnut AB with the vendors. Lunch will be a buffet, including a soup or salad, vegetarian/meat entrees, vegetables, dessert and beverage, served on the Terrace. Your registration packet will include a lunch ticket, which must be turned in. Advanced registration is strongly encouraged for planning purposes! Vendor exhibits will also be available for visitation throughout the day and during the lunch break, as well as several dedicated exhibit times. There will also be refreshments throughout the day.

## Meeting & Program Sponsorships

We are deeply grateful for the support provided by the following sponsors. A complete listing will be prominently posted during the meeting. We encourage all attendees to take time before the sessions, throughout the day and at dedicated exhibit times to stop by the exhibits to gather information and see demonstrations of the latest technologies and laboratory services offered by our industry partners.

<b>ARUP Laboratories</b>	<b>Ortho Clinical Diagnostics</b>	<b>BD</b>
<b>Diagnostica Stago</b>	<b>Grifols Diagnostic Solutions</b>	<b>Randox Laboratories</b>
<b>Cepheid</b>	<b>Penn State Health</b>	<b>Quest Diagnostics</b>
<b>Hologic</b>	<b>Geisinger</b>	<b>GenMark Diagnostics</b>
<b>Luminex Corporation</b>	<b>Medline Industries</b>	<b>Morrell Instrument Co.</b>
<b>Qiagen</b>	<b>DiaSorin</b>	<b>BioFire Diagnostics</b>

### Platinum Sponsors

**Instrumentation Laboratory**

**Beckman Coulter**

# General Program

## 8:30–9:30 AM SESSIONS

**Session #1**    **CHESTNUT A**    **Session Code:** \_\_\_\_\_  
“The Trials and Tribulations of Urine Drug Screening in the Clinical Laboratory”  
JoAnn Gardiner, MSHA, BS  
Technical Manager, Toxicology Laboratory  
Hospital of the University of Pennsylvania, Philadelphia, PA

Drug testing in the clinical laboratory setting using immunoassay, GC/MS, and LC/MS/MS will be covered in this session. The advantages and disadvantages of each platform, as well as real case examples of the different types of drug screening performed in the Toxicology Laboratory at the Hospital of the University of Pennsylvania will be included.

**Session #2**    **CHESTNUT B**    **Session Code:** \_\_\_\_\_  
“Laboratory Testing for the Diagnosis of Myeloproliferative Neoplasms”  
Elizabeth Margolskee, MD, MPH  
Attending Physician  
Children’s Hospital of Philadelphia, Philadelphia, PA

The diagnosis of myeloproliferative neoplasms typically involves integration of test results from multiple laboratory sections, including hematology, pathology, and molecular diagnostics. This lecture will provide an overview of common myeloproliferative neoplasms and the testing required to establish a diagnosis.

**Session #3**    **CHESTNUT C**    **Session Code:** \_\_\_\_\_  
“Impact of Point of Care Testing in the Inpatient Setting”  
Barbara M. Goldsmith, PhD, FACB  
Professor and Chair, Medical Laboratory Sciences and Biotechnology  
Director, Clinical Laboratories, POCT, and Quality  
Thomas Jefferson University and Thomas Jefferson University Hospital, Philadelphia, PA

Participants will receive an overview of current Point of Care (POCT) tests used in the inpatient setting and how these results are used for patient care. Quality of care will be a focus of the discussion.

**Session #4**    **LOMBARD**    **Session Code:** \_\_\_\_\_  
“Secure from MTP: One Hospital’s Interdisciplinary Approach to Massive Transfusion”  
Evelyn Potochny, DO  
Associate Professor of Pathology; Assistant Medical Director, Blood Bank  
Penn State Health Milton S. Hershey Medical Center, Hershey, PA

Attendees will discover one hospital’s interdisciplinary approach to continuous process improvement for low-volume, high-risk Massive Transfusion Protocol (MTP) activation using high-fidelity simulations and debriefs and an MTP working group.

## 9:45–10:45 AM SESSIONS

**Session #5**    **CHESTNUT A**    **Session Code:** \_\_\_\_\_  
“A False Reactive Anti-HCV Immunoassay Result Due to Therapeutic Anti-Thymocyte Globulin”  
Jianbo Yang, PhD, MLS(ASCP)<sup>CM</sup>  
Post-doc Fellow, Clinical Chemistry  
Penn State University, Hershey, PA

This session is a case study of a false reactive anti-HCV result caused by therapeutic anti-thymocyte globulin. Risk factors of HCV infection, HCV diagnostic tests, and common causes of immunoassay interference will be reviewed. The approach to investigation of this case will be discussed.

**Session #6**    **CHESTNUT B**    **Session Code:** \_\_\_\_\_  
“The Laboratory’s Role in Evaluation of Heparin-Induced Thrombocytopenia”  
Ashley Sanchez, BS, MT(ASCP)  
Product Manager, Hemostasis Reagents    **SPONSORED BY INSTRUMENTATION LABORATORY**  
Instrumentation Laboratory, Bedford, MA

This session will be a review of the pathophysiology of heparin-induced thrombocytopenia (HIT) and will include the current diagnostic testing available for HIT, along with the benefits of on demand testing.

**Session #7**    **CHESTNUT C**    **Session Code:** \_\_\_\_\_  
“A Community Hospital’s Experience in Being Ground Zero of a Multi-State Salmonella Outbreak (and Other Unusual Cases)”  
Shafinaz Akhter, MD, PhD  
Assistant Clinical Professor, Medicine  
Hospital of the University of Pennsylvania, Philadelphia, PA  
Infectious Disease, Chester County Hospital, West Chester, PA

You don't have to work in a large urban hospital to encounter unusual and interesting microbiology case studies. There will be a focus on a community hospital's experience in being ground zero in a multi-state Salmonella outbreak and their multi-disciplinary team that was integral in the investigation leading to the source. Included will be some rarely found infections, even in large university hospitals.

**Session #8 LOMBARD** **Session Code: \_\_\_\_\_**  
"Bacterial Contamination Risk and Safety Enhancements for the Availability and Transfusion of Platelets—  
New Guidance"  
Steven LaCour, MLS(ASCP)<sup>CM</sup>  
Clinical Laboratory Instructor, Blood Bank  
WellSpan Health, York, PA

This session will cover new FDA guidance for the transfusion of platelets to include new culture standards and when the life of platelets can be extended to 5 or 7 days.

### **11:15 AM–12:15 PM SESSIONS**

**Session #9 CHESTNUT A** **Session Code: \_\_\_\_\_**  
"What is Autoverification and Why Should You Have It?"  
Vipul Shah, MBA, MLS(ASCP)<sup>CM</sup>, DLM(ASCP)<sup>CM</sup>  
Clinical Labs, Division Manager  
The Children's Hospital of Philadelphia, Philadelphia, PA

Autoverification is commonly recognized as a post-analytical workflow improvement tool that limits the number of test results requiring review by a medical laboratory professional. This session will review autoverification and why your laboratory should have it.

**Session #10 CHESTNUT B** **Session Code: \_\_\_\_\_**  
"Hemophilia Innovation: Changing the Way We Test"  
Nathan Diogo, BS, MLS(ASCP)<sup>CM</sup>  
Technical Specialist, Hematology and Coagulation  
The Children's Hospital of Philadelphia, Philadelphia, PA

This session will cover the way in which emicizumab for Hemophilia A patients affects coagulation testing, specifically in patients with inhibitors. It will include how the drug works and interferes with conventional methods, as well as how the laboratory helps to monitor patients on emicizumab.

**Session #11 CHESTNUT C** **Session Code: \_\_\_\_\_**  
"Clinical Mycology Case Studies"  
Amanda Dellinger, MLS(ASCP)<sup>CM</sup>  
Clinical Instructor, Microbiology  
WellSpan Health, York, PA

Attendees will work through several patient case studies involving yeast and fungi as the primary pathogens. This session will include a review of morphological characteristics useful for identification to the genus/species level.

**Session #12 LOMBARD** **Session Code: \_\_\_\_\_**  
"Case Studies in Obstetrical Immunohematology"  
Alexis Peedin, MD  
Assistant Professor  
Thomas Jefferson University Hospital, Philadelphia, PA

Obstetrical patients often present unique challenges to the blood bank. A series of cases of pregnant patients will be presented, including a discussion of their initial immunohematology workup, clinical implications, and involvement of the reference laboratory.

### **1:15–2:15 PM SESSIONS**

**Session #13 CHESTNUT A** **Session Code: \_\_\_\_\_**  
"Vitamin D Fish N Sea"  
Marie Wood, EdD, MT(ASCP)  
Assistant Professor  
University of Delaware, Newark, DE

Research continues to advise medicine as to the vital role played by Vitamin D. Learn about the physiologic impact of Vitamin D deficiencies, as well as current methods of laboratory analysis and testing interferences.

**Session #14 CHESTNUT B**  
“It’s a Skipocyte: The Pitfalls in Recognizing Abnormal Peripheral Blood Differentials”  
Madison Brooks, MLS(ASCP)<sup>CM</sup>  
Professional Medical Technologist, Hematopathology Laboratory  
Hospital of the University of Pennsylvania, Philadelphia, PA

Hematological neoplasms have key diagnostic features, but they can be overlooked or present difficulties for technologists who perform differentials. This session explores these important, but sometimes missed, characteristics that could lead to more accurate differentials and earlier diagnoses.

**Session #15 CHESTNUT C** **Session Code: \_\_\_\_\_**  
“STIs in PID: From Established to Emerging”  
Kasey M. Johnson, PhD  
Medical Science Liaison **SPONSORED BY HOLOGIC**  
Hologic, Philadelphia, PA

*Mycoplasma genitalium* is recently being recognized as an emerging STI associated with serious negative health outcomes. It was first identified in the 1980s in a case of male urethritis. Since that time, more evidence is emerging suggesting the need to test and treat this STI.

**Session #16 LOMBARD** **Session Code: \_\_\_\_\_**  
“Under the Microscope: How to Magnify Laboratory Science Careers to Students”  
Emily Kamieniecki  
ASCLS-Pennsylvania Developing Professional Director  
Medical Laboratory Science Program  
Pennsylvania Hospital, Philadelphia, PA

Generally speaking, the majority of students in both high school and college are completely unaware of careers in medical laboratory science. As the field becomes more understaffed, it is extremely important that, as a profession, we increase outreach efforts to middle schools, high schools, and undergraduate college programs.

## **2:45–3:45 PM SESSIONS**

**Session #17 CHESTNUT A** **Session Code: \_\_\_\_\_**  
“Uncovering the Value of Hemolysis in the Laboratory Through Data Analytics: From Grapes to Wine”  
Derick Lim, MS, SC(ASCP)<sup>CM</sup>, MLS(ASCP)<sup>CM</sup>  
Clinical Laboratory Section Supervisor, Chemistry  
Children’s Hospital of Philadelphia, Philadelphia, PA

This session will focus on hemolysis as a pre-analytical variable and its impact to patients and the laboratory. More often than not, hemolyzed samples are considered sub-optimal and generally associated with erroneous results. However, analysis of hemolysis index data can shed light on collection practices and support quality improvement initiatives.

**Session #18 CHESTNUT B** **Session Code: \_\_\_\_\_**  
“Solving the Diagnosis: Hematology Cases”  
Christina Scott, MSHA, MLS(ASCP)<sup>CM</sup>  
Clinical Instructor  
WellSpan Health, York, PA

This session is a practical review for students and seasoned technologists (whether hematology is your area of concentration or not). Clues in patient history and testing within each case to help point toward a diagnosis will be discussed. Can you solve the puzzle?

**Session #19 CHESTNUT C** **Session Code: \_\_\_\_\_**  
“Interesting Pediatric Parasitology Cases”  
Rebecca M. Harris, MD  
Director, Infectious Diseases Diagnostics Lab  
Children’s Hospital of Philadelphia, Philadelphia, PA

The clinical features, biology, and epidemiology of three parasitic diseases will be reviewed through case discussion. A particular emphasis will be placed on appropriate laboratory diagnostics for each disease, as well as associated diagnostic challenges.

**Session #20 LOMBARD** **Session Code: \_\_\_\_\_**  
“Implementation and Management of Pathogen Reduced Platelets: A Hospital Perspective”  
Joy Gould, SBB(ASCP)C, CQIA(ASQ), CPHQ  
Instructor  
Thomas Jefferson University, Philadelphia, PA

The FDA recently issued guidance to control the risk of bacterial contamination of room temperature stored platelets that must be implemented by March 2021. This is a hospital perspective on why pathogen reduced platelets versus other methods to mitigate bacterial contamination of platelets and how one hospital facility implemented the use of pathogen reduced platelets.



**Sharon Strauss**  
**8 Lakeview Court**  
**Sinking Spring, PA 19608**

**Join ASCLS!**

For more information about ASCLS, go to [www.ascls.org](http://www.ascls.org)

**ASCLS Mission:**

The mission of ASCLS is to make a positive impact in healthcare through leadership what will assure excellence in the practice of laboratory medicine.

**ASCLS Believes:**

- Quality laboratory service is essential to quality healthcare.
- Everyone deserves access to safe, effective, efficient, equitable, and patient-centered healthcare, and
- Advancing the laboratory profession advances healthcare.