



ASCLS

Central New England

Massachusetts • New Hampshire • Rhode Island • Vermont

ASCLS-CNE

75th

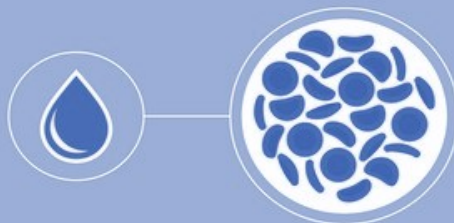
Annual Clinical Laboratory Science Convention

March 13 & 14, 2023

Crowne Plaza Hotel

Warwick, Rhode Island

Microbiology * Hematology * Transfusion Medicine * Chemistry * Management



2022 ASCLS-CNE Annual Convention Program Committee

General Chair

Leslie Martineau, CharterCARE Health Partners, N. Prov. RI

Registration and PACE

Erica Maynard,

Sandra Venice-Desmaris, CharterCARE Health Partners, RI

Chemistry

Liliveth Castano, Kent Hospital, Warwick, RI

Hematology

Jo Anne Passarelli, CharterCARE Health Partners, N. Prov., RI

Microbiology

Theresa Castellone, Fatima Hospital, N. Providence, RI

Nathan LaCroix CharterCARE Health Partners, N. Prov., RI

Transfusion Medicine

Darlene Folan, RI Blood Center, Providence, RI

Phillip Hoffman, Retired

Management & Hospitality

Leslie Martineau, CharterCARE Health Partners, N. Prov. RI

Exhibits

Maureen Brown, Kent Hospital, Warwick, RI

Debra St. Pierre, Community College of RI, Lincoln, RI

Member-at-Large

Maddie Josephs, Community College of Rhode Island

Betsy Reilly

Scholarships

Phil Hoffman

General Meeting Information

Nametags

Name tags will be provided at the registration desk and are required for admission to all sessions.

Membership

Please visit the Membership Booth for information about ASCLS.

Special needs

The meeting facility is wheelchair accessible. For special needs, please contact the Crowne Plaza Hotel

No Smoking Policy

Smoking is not permissible in the facility.

Exhibit Only

Complimentary passes will be issued at the registration desk for those wishing to visit the exhibits only. Please do not pre-register for "exhibit-only" passes.

ASCLS-CNE is pleased to announce that participants at our Annual Convention will be earning P.A.C.E credits. Professional Acknowledgment for Continuing Education (P.A.C.E.®) is an administrative system serving as the quality assurance mechanism for continuing education programs offered to clinical laboratory professionals. P.A.C.E.® is of benefit to continuing education providers and the laboratory professionals who participate in the programs they provide. Participants in P.A.C.E.®-approved educational sessions have confidence in the quality of the program. P.A.C.E.® continuing education contact hours satisfy continuing education requirements for federal regulations, state licensure, certification agencies and employers. If you have any questions regarding P.A.C.E., please contact one of the program committee members or visit www.ascls.org



CE ORGANIZER!!

At the end of each session, the moderator will announce a **unique session code** for that particular session. **Record the session number.** You will need this number to get credit for attending the session. When you get home, go to the ASCLS web site and enter your information. Very specific instructions will be distributed at the convention. In addition, committee members will be available to answer any questions you might have about CE Organizer.

Please note.....**YOU WILL NOT RECEIVE A CERTIFICATE AT THIS MEETING. ALL CE INFORMATION WILL BE MAINTAINED IN YOUR CE ORGANIZER PERSONAL TRANSCRIPT.**

Vendor Reception & Social Exhibit Hall

Monday, March 13th

4:00pm to 5:30pm

ALL ATTENDEES ARE WELCOME

Please join your colleagues for this networking event!

March 13, 2023

8:00am-3:00pm	Registration
9:00am-10:00am	Opening Keynote
10:00am-10:30am	Coffee Break
11:30am-1:30pm	Exhibit Hall opens -Dedicated Exhibit Hours
12:00-1:00pm	Lunch break (separate fee for lunch required)
<i>Monday luncheon session: Cannabis Meets Medicine Meets Analytical Chemistry</i>	
2:30pm-3:00pm	Coffee Break & Vendor Raffle (Exhibit Hall)
4:00pm-5:30pm	VENDOR RECEPTION —All attendees are welcome!

OPENING KEYNOTE

9:00-10:00am
Contact hour: 1

Intermediate

The Lab Leadership Journey

The laboratory leadership journey is driven by education and personal experiences. Understanding the key challenges allows a person to proactively prepare and build their skill set. Embracing the leadership journey through self-awareness while taking inventory of your strengths and weaknesses lays the foundation for consistent growth.

Tammy Germini

Executive Director- Health Systems Operations
Quest Diagnostics

Sponsored by Quest Diagnostics

MONDAY LUNCHEON

12:00pm-1:00pm (Separate Fee for Lunch)
Contact Hours: 1

Intermediate

Cannabis Meets Medicine Meets Analytical Chemistry: The Challenges and Future Direction of Analytical Chemistry and Data Analytics in the Cannabis Industry

As Cannabis emerges from the anecdotal to science, the industry faces many challenges. Little time or money has been spent on clinical research or the development analytical methods to support the industry. This talk highlights some of the analytical conundrums we face along with the future potential of the industry.

Stuart Procter, MD
**Laboratory Director and Co-founder
PureVita Labs**

March 13, 2023

Chemistry/General

10:30-11:30am
Contact Hours: 1

Intermediate

Vaginitis: the Good, the Bad and the Anaerobic

In this session we will highlight the complexity of diagnosis for vaginitis, focus on traditional techniques and newer tools now available to aid in finding the correct underlying cause of symptoms, and understanding the overlap of symptoms between vaginitis and STIs.

Carlee Schaefer, PhD
Sr. Medical Science Liaison
Hologic, Inc.

Sponsored by Hologic Inc.

1:30-2:30pm
Contact Hours: 1

Intermediate

Advanced QC Strategies: Westgard Sigma Rules

A review of the latest, most advanced, tools to assess, improve, and optimize analytical quality. In the last 20 years, Six Sigma has come to the laboratory, the Sigma-metric score has revolutionized how tests are evaluated and how QC is being designed and implemented.

Sten Westgard, MS
Director of Client Services and Technology
Westgard QC Inc.

Sponsored by Beckman Coulter Diagnostics

3:00-4:00pm
Contact Hours: 1

Intermediate

CLIA 2024: The Impact of New Regulatory Changes on Laboratory Quality

CLIA 2024 introduces the biggest change in proficiency testing criteria since 1992, with newly added analytes and significant reductions in performance specifications. Laboratories have to be prepared to do more PT, to meet tighter targets.

Sten Westgard, MS
Director of Client Services and Technology
Westgard QC Inc.

Sponsored by Beckman Coulter Diagnostics

March 13, 2023

HEMATOLOGY

10:30-11:30am
Contact Hours: 1

Basic

Peripheral Blood Morphologic Abnormalities in Clinical Practice

The speaker will provide a review of red cell, white cell and platelet morphologic abnormalities encountered in clinical practice upon peripheral blood smear examination.

Dragos C. Luca, MD

Hematopathologist, Director of Flow Cytometry
Roger Williams Medical Center
Providence, RI

1:30-2:30pm
Contact Hours: 1

Intermediate

The Hunt for Residual Cancer: Measurable Residual Cancer in Hematological Malignancies

The session will provide an overview of what measurable residual disease is in hematologic malignancies, how it is followed and what implications it has for treatment.

John L. Reagan, MD

Associate Professor of Medicine
Alpert Medical School of Brown University
Director of Hematology
Lifespan Cancer Institute
Providence, RI

3:00-4:00pm
Contact Hours: 1

Intermediate

Hematology Buying Guide - Selecting the Right Platform

This session will serve as a guide to selection criteria for hematology instrumentation and assigning value to more than just cost.

Matthew Keane, MLS(ASCP)

Pathology Manager
Rhode Island Hospital
Providence, RI

March 13, 2023

MICROBIOLOGY

10:30-11:30am
Contact Hours: 1

Basic

State Health Laboratories are Central to Public Health Responses

This presentation provides an overview of the organization of the Public Health Laboratory System and goes into details about how the system responds to emerging pathogens. The process of assay development, regulatory frameworks, and deployment are reviewed citing examples from the COVID-19 and mpox responses as examples.

Glen Gallagher, MLS(ASCP)^{cm}PhD

Director, Rhode Island State Health Laboratories
RI Department of Health
Providence, RI

1:30-2:30pm
Contact Hours: 1

Intermediate

Brief Window of Susceptibility of Early Stage *Plasmodium falciparum* Gametocytes

Plasmodium falciparum is the deadliest of the five plasmodia species that routinely infect humans. Transmission of parasites from human host to mosquito vector is mediated by the sexual form of the parasite called gametocytes. Although mature forms of these gametocytes are relatively immunologically inert, early development stages may be susceptible to opsonic phagocytosis.

Christian Nixon, MD

Director of Transfusion Medicine and Coagulation,
Rhode Island and The Miriam Hospitals
Brown University
Providence, RI

3:00-4:00pm
Contact Hours: 1

Basic

Is Climate Change Affecting the Geographic Range of *Naegleria fowleri* and Primary Amebic Meningoencephalitis?

This presentation will discuss how climate change may affect the environmental factors influencing *Naegleria fowleri* and development of primary amebic meningoencephalitis. It will also provide a review of the etiology, epidemiology, and pathophysiology of primary amebic meningoencephalitis, its clinical presentation, and clinical diagnostic criteria.

Caterina Miraglia, D.C., MLS (ASCP)CM

Associate Professor
University of Massachusetts-Dartmouth
Dartmouth, MA

March 13, 2023

TRANSFUSION MEDICINE

10:30-11:30am
Contact Hours: 1

Intermediate

**Transfusion Reaction Essentials:
What You Need to Know From Suspicion to Diagnosis**

In this session, we will define a transfusion reaction and review the pathophysiology of major complications of blood transfusions. We will discuss the essential parts of the Blood Bank investigation of suspected transfusion reactions.

Kristen Ruby, DO, MPH
Pathologist
Massachusetts General Hospital
Boston, MA

1:30-2:30pm
Contact Hours: 1

Basic

Advantages and Challenges in Becoming a Blood Depot

Lahey Hospital & Medical Center began acting as a Blood Depot for a 4 hospital system in 2017. We have since become part of a larger system (11 Blood Banks) and are servicing more facilities. I will describe the process, challenges (staffing, product dating, couriers) and advantages (decreased wastage, cost savings).

Kathleen Rafferty, MT(ASCP)
Blood Bank Manager
Lahey Hospital and Medical Center
Burlington, MA

3:00-4:00pm
Contact Hours: 1

Intermediate

Platelets for the Refractory Patient

In the session, the speaker will review immune and non-immune causes of refractoriness and identify appropriate platelet products for the patient.

Eric Senaldi, MD
Deputy Chief Medical Office
New York Blood Center
New York, NY

March 14, 2023

8:00am-3:00pm	Registration
10:00am-10:30am	Coffee Break
11:30am-1:30pm	Dedicated Exhibit Hours
12:00-1:30pm	Lunch break (separate fee for lunch)
	<i>Tuesday luncheon session: The Value of Medical Laboratory Science Preceptorship: A Return on Investment</i>
2:30pm-3:00pm	Coffee Break & Vendor Raffle (Exhibit Hall)
3:00pm-4:00pm	Closing Keynote

CLOSING KEYNOTE

3:00-4:00pm
Contact Hours: 1

Basic

Leadership: Maximizing Your Personal Assets

Are leaders “born” or “created”? The answer is “neither”. Certainly, professional and leadership development begins with base material – you, but doesn’t stop there. In this interactive session, you will learn the key traits of effective leaders and understand why these traits are important. You will assess your core capabilities and learn how to capitalize on your strengths and maximize your relationships, which will increase effectiveness.

Jane N. Hermansen, MBA, MT(ASCP)

Manager, Outreach and Network Development
Mayo Clinic, Department of Laboratory Medicine and Pathology
Rochester, MN

Sponsored by Mayo Medical Laboratories

TUESDAY LUNCHEON

The Value of Medical Laboratory Preceptorship: A Return on Investment

According to the US Bureau of Labor and Statistics, the workforce shortage has impacted clinical laboratories over the past several years. Across the nation, MLT and MLS programs are working hard to recruit and educate future laboratorians to answer this need. One challenge that these programs have is finding clinical sites and preceptors for the clinical education portion of the program. This session will explore the benefits and return on investment for laboratories when they participate in clinical education by providing clinical spots for students.

Maddie Josephs, MS, MLS(ASCP)

Chair, Allied Health Department
Community College of Rhode Island
Lincoln, RI

March 14, 2023

CHEMISTRY/GENERAL

9:00-10:00am
Contact Hours: 1

Intermediate

Enhanced Liver Fibrosis (ELF) Test: Role in Relieving Unmet Challenges Arising From the Non-Alcoholic Steatohepatitis (NASH) Epidemic

Non-Alcoholic Fatty Liver Disease (NAFLD) currently affects 25% of people worldwide and is predicted to be the leading indication for liver transplantation within a decade. NASH, a more severe form of NAFLD, affects about 1.5-6.4% of the global population. The ELF test provides the first blood test approved by the FDA for prognosis in advanced fibrosis due to NASH. ELF can enable accessible, effortless testing that can simplify and accelerate the identification of patients with advanced fibrosis due to NASH. These patients may benefit most from potentially life-saving preemptive care, an important first-step in turning the tide against the liver's silent killer.

Steven A. Noel, Ph.D., DABCC, MT(ASCP)
Medical Affairs Professional
Siemens Healthcare Diagnostics, Inc

Sponsored by Siemens Healthcare Diagnostics

10:30am-11:30pm
Contact Hours: 1

Basic

The Role of Data in Pre-Analytic Quality Improvement

Around 2/3 of errors in laboratory diagnostics happen in the pre-analytic phase. Quality improvement begins with data, but it's been difficult to collect this data and integrate it into the lab process. If solved, there's huge potential for quality improvement and an evidence-based approach to specimen suitability. So how do we get there?

Kevin Forbes
Abbott Laboratories

Sponsored by Abbott Laboratories

1:30-2:30pm
Contact Hours: 1

Basic

Empowered Communications

Confident communication has a tremendous impact on career development, networking, job satisfaction, collaboration, productivity, and effectiveness. During this interactive session, participants will learn an easy method for determining preferred behavioral and interaction styles, assess their own behavioral style, and use this method to adapt their preferred interaction style to become more effective and confident communicators.

Cherie V. Petersen, BA
Distance Education Program Coordinator
ARUP Laboratories
Salt Lake City, UT

Sponsored by ARUP Laboratories

March 14, 2023

HEMATOLOGY

9:00-10:00am
Contact Hours: 1

Basic

Case Studies Utilizing Digital Imagery

The speaker will review the basic technology of digital imagery and its clinical utility in Case study review.

Daniel Scott Malone, BS, MT(H)ASCP

Market Support Manager, Northeast
Cellavision
Durham, NC

Sponsored by Cellavision

10:30am-11:30pm
Contact Hours: 1

Intermediate

Hemoglobinopathies: A Concise Review & Case Studies

With over 1000 abnormal hemoglobin types discovered, and the diverse nature of the thalassemia syndromes, the field of interpretations of hemoglobinopathies has become daunting. This presentation will review the structure of the hemoglobin molecule, mutations associated with abnormal hemoglobin (qualitative disorders) and the thalassemic (quantitative disorders) syndromes. Case studies will be presented.

Karen Ferreira, PhD, MS, MT(ASCP)

Scientific Director, Hematology,
Lifespan Academic Medical Center.
Assistant Professor, Warren Alpert School of Medicine at Brown University
Providence, RI

1:30-2:30pm
Contact Hours: 1

Intermediate

Pre-analytical Pitfalls in Hemostasis Testing and Strategies for Preventing Them

This hemostasis presentation focuses on the pre-analytical and pre-pre-analytical phases, highlighting contributory elements and providing suggestions on how problems can be minimized or prevented, to improve the likelihood that reported test results represent the true clinical status of the patient rather than that of an inappropriate sample.

LaShanta Brice, DCLS, MLS(ASCP)^{cm}SH^{cm}

Diagnostica Stago, Inc

Sponsored by Diagnostica Stago, Inc

March 14, 2023

MICROBIOLOGY

9:00-10:00am
Contact Hours: 1

Intermediate

Searching for the Solution in Syndromic Situations: A Juxtaposition of a Joint Infection Diagnostic Journey

This session will provide an overview of syndromic testing in infectious disease diagnostics in general, disease state of septic arthritis, current diagnostic approaches in septic arthritis

Alexa Diranian, MS, PA-C, Medical Education Liaison
Stephen Vella, PhD, Medical Science Liaison
BioMerieux

Sponsored by BioMerieux

10:30am-11:30pm
Contact Hours: 1

Basic

Beyond The Microscope: The Essential Role of The Microbiology Laboratory in Patient Care

An incredible amount of work goes on “behind the scenes” in the microbiology laboratory. This presentation aims to showcase the impact of that critical work – not only to clinicians, but also to the laboratory professionals who produce those results.

Sara Geffert, MD, MS, D(ABMM), M(ASCP)
Assistant Professor of Pathology & Laboratory Medicine
Alpert Medical School of Brown University,
Lifespan Academic Medical Center
Providence, RI

1:30-2:30pm
Contact Hours: 1

Basic

Is it Influenza, Pneumonia.....or Both?

Influenza usually kills between 12,000 and 52,000 annually. However, a significant amount of time, these people actually die of a secondary pneumonia. Research shows that having influenza can predispose people to getting pneumococcal pneumonia.

This talk will show the relationship and diagnostic tests.

Norman Moore, PhD
Director of Scientific Affairs
Abbott Diagnostics

Sponsored by Abbott Diagnostics

March 14, 2023

TRANSFUSION MEDICINE

9:00-10:00am
Contact Hours: 1

Intermediate

Screening Blood donors for Infectious Risk: Updates and Emerging Diseases

The safety of the blood supply depends on screening blood donors for the risk of infectious diseases that are known to be or could possibly be transmitted by blood transfusion. This session will describe the regulation of blood safety, and the current blood donor screening and testing measures against known infectious risks, and an approach to risk-based evaluation of emerging infectious risks to design appropriate precautionary measures.

Anne Eder, MD, PhD

Deputy Director, Office of Blood Research and Review, CBER, FDA
Georgetown University Medical School

10:30am-11:30pm
Contact Hours: 1

Intermediate

MSM and Blood Donation

This talk will review evolving policies on blood donation eligibility for men who have sex with men .

Richard Kaufman, MD

Medical Director, Transfusion Service
Brigham & Women's Hospital
Boston, MA

1:30-2:30pm
Contact Hours: 1

Advanced

**Adverse Reactions:
Dropping Counts After Transfusion**

A case-based review on causes of pancytopenia after transfusion of blood products, with a focus on Post-transfusion Purpura, and the implications on patient management including ongoing transfusion needs.

Raisa Balbuena-Merle, MD, MHS

Assistant Professor of Laboratory Medicine.
Board certified and practicing Hematopathologist
Blood Bank/Transfusion Medicine physician.
Yale University
New Haven, CT

ASCLS-CNE

would like to thank our generous sponsors
for sponsoring our

Speakers
Vendor Reception & Social
Coffee breaks & Lunches



Warwick Neck Lighthouse



Find us on Facebook@facebook.com/asclscne

ASCLS-CNE 75th ANNUAL CONVENTION

DIRECTIONS TO THE CROWNE PLAZA HOTEL-Warwick, RI

The Crowne Plaza Hotel Providence Warwick Airport is centrally located in the heart of New England. Located in Warwick, RI just 8 minutes south of downtown Providence and 2 miles from Providence Warwick T.F. Green Airport. Conveniently located adjacent to Interstate 95.

From the north:

From I-95 S, take exit 12A and continue on RI-113E /East Ave. In 0.7 miles, take a slight right onto Greenwich Ave and turn right onto Crossings Blvd.

From the south:

From I-95 N, take exit 12 and continue on RI-113E /East Ave. In 0.5 miles, take a slight right onto Greenwich Ave and turn right onto Crossings Blvd

Hotel Accommodations

Hotel accommodations are at the **Crowne Plaza**. The special room rate is \$139.00/room/night. To make reservations, call 401-732-6000, toll-free at 1-800-227-6963 or online at www.crownehotelwarwick.com. (use 3 letter code CNE). Please indicate you are attending the ASCLS-CNE Annual Convention in order to receive the discounted rate.

2023 ASCLS-CNE Annual Convention

Registration Information

Register online by visiting:

www.ascls-cne.org/annual-convention

(Please read the information below before registering)

Membership Affiliation: Membership discounts are given only to members of ASCLS

(NOTE: membership or certification by **ASCP** does NOT apply here).

****YOU MUST INCLUDE MEMBERSHIP # TO BE ELIGIBLE FOR MEMBER RATES****

JOIN ASCLS TODAY!!

ASCLS and ASCLS-CNE are working to create a future where Clinical Laboratory Science professionals are recognized and respected for their value to healthcare within their facilities and in their communities. ASCLS-CNE goals continue to focus on:

**EDUCATION
PUBLICATIONS
GOVERNMENT AFFAIRS
GRASSROOTS ACTIVITIES
PERSONAL SERVICES**

And more!

Please visit:

www.ascls.org

to print a membership form
or join online

Please consider joining **ASCLS** today!

Visit us at the ASCLS-CNE Membership Booth



Information coming soon for the 2024 ASCLS-CNE Annual Convention

Spring 2024

Date TBA

Crowne Plaza

Warwick, RI

With one level, ample free parking, and excellent room rates, we are certain that you will enjoy the same quality of excellent continuing education offerings that ASCLS-CNE offers.

The committee welcomes and values your input. If you have suggestions for topics, speakers or any other feature of the convention, please speak to any committee member