70th Annual Clinical Laboratory Science Convention

April 24-26, 2018

Rhode Island Convention Center
Providence, Rhode Island

Jointly sponsored with

BRISAH—Board of Rhode Island Schools of Allied Health
NEB ASM - Northeast Branch American Society for Microbiology
RICA - Rhode Island Cytology Association
RISH-Rhode Island Society for Histology
The American Society of Clinical Laboratory Science of Central New England is a constituent Society of the American Society for Clinical Laboratory Science. Our membership is a combination of Massachusetts, Rhode Island and New Hampshire residents. These members work on behalf of laboratory practitioners and the practice field in an attempt to provide improved diagnostic technologies, patient understanding of testing, access of clinical scientists to quality professional development and legislation promoting professional standards and licensure. These actions represent safeguards for the patient as a consumer and the clinical scientist as a professional. Networking within our profession creates bridges, supporting our personal and work lives. The combined energies of this organization create a powerful body.

There are many issues currently facing our profession and ASCLS needs your membership and support. Some of the other issues and activities with which ASCLS-CNE is currently involved include lobbying for appropriate reimbursement for laboratory services, developing a public relations campaign for the clinical laboratory industry and offering continuing education for laboratory personnel throughout southern New England. None of these activities can continue without the personal and financial support of our members.

If you are interested in becoming a member, or in renewing your membership, please do so at www.ascls.org.

ASCLS-CNE EXECUTIVE BOARD
2017-2018

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Nadia Saadeh, University of RI, Providence, RI

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

Public Health

Exhibits
James DeVona, Kent Hospital, Warwick, RI
Maureen Brown, Kent Hospital, Warwick, RI

Member-at-Large
Betsy Reilly, Rhode Island Hospital
Kelcey Harper, NE Baptist Hospital

Finance
Wayne LeBlanc, University of Mass., Dartmouth, MA
Caterina Miraglia, University of Mass., Dartmouth, MA

Poster Session
Sara Murphy, Women & Infants Hospital, Providence, RI
Barbara Klitz, University of RI, Providence, RI

Membership & Hospitality
Leslie Martineau, CharterCARE Health Partners, RI

Student
Owen Gilmartin, University of Mass-Dartmouth
General Meeting Information

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

**Messages**
Please use the message board in the registration area for general messages. For emergency messages, call Rhode Island Convention Center at (401)458-6500.

**Program Brochures**
For additional brochures call Program Chair, Maddie Josephs, 401-434-0050 or email at mjosephs@ccri.edu.

**Membership**
Please visit the Membership Booth for information about ASCLS.

**Special needs**
The meeting facility is wheelchair accessible. For special needs, please contact the RI Convention Center.

**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.

**Registration Form**
If not registering on-line, please use the form located at the back of the program brochure. This form may be photocopied. Please use a separate form for each person registering.

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**Event App Instructions:**
Download the “EventsXD” app on your mobile device. After downloading the app, you will need to create an account to access the app. Search for ASCLS-CNE. The convention schedule, handouts (when available), evaluations and more will be available on the meeting app.

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**REGISTRATION DEADLINE—APRIL 20, 2018**
Register on-line at www.ascls-cne.org/annual-convention or

Mail registration form to:
Maddie Josephs
43 Bourne Avenue
Rumford, RI 02916

No refunds will be given after APRIL 20, 2018. Payment must accompany the form. Payment or money order should be made payable to:

**ASCLS/CNE**

Register early!!!

If you have questions regarding your registration, please call Maddie Josephs at (401)434-0050 or email mjosephs@ccri.edu.

Pre-registration (before April 20, 2018) will include parking. Vouchers will be included in the registration packets, which are picked up on the day of attendance.

**PARKING VOUCHERS MUST BE EXCHANGED FOR A PARKING PASS WHICH IS NEEDED TO EXIT THE PARKING GARAGE. THESE WILL BE MADE AVAILABLE TO REGISTRANTS AT THE REGISTRATION TABLE.**

**REGISTER EARLY FOR FREE PARKING!**
Once again, this year, 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

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**CE ORGANIZER!!**

All ASCLS constituent societies are now required to use CE Organizer as of January 1st 2015. 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.

Not only will CE Organizer allow you to print out your ASCLS-CNE ANNUAL CONVENTION P.A.C.E.® certificate, it will also list your CE in a personal transcript. You may self-enter other non-P.A.C.E.® continuing education into your transcript as well.

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On-line registration is available with the use of a credit or debit card.

Please visit: www.ascls-cne.org/annual-convention

Registration fees are listed on the registration form included in this program. Membership rates are available for members of ASCLS, as well as the sponsoring organizations. To qualify for member rates, membership numbers must be included on registration forms.

REGISTRATIONS received prior to April 20, 2018 include PARKING VOUCHERS, so register early! Late & walk-in registrants must park at their own expense.

Receipts will be available at the meeting only.
ADVANCING TRANSFUSION SAFETY

GLOBAL SOLUTIONS. FOCUSED CARE.

Grifols is a global healthcare company with more than 75 years of improving the health and well-being of people around the world. Our transfusion medicine portfolio — which includes a range of blood testing, blood typing, and blood collection solutions — is designed to support safety from donation through transfusion.

Committed To Your Success
Grifols is committed to ongoing delivery of innovative transfusion medicine solutions that help you work efficiently to deliver blood that is safe and compatible for patients.

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Grifols transfusion medicine portfolio

- **COLLECTION**
  Blood collection, processing, & preservation

- **SCREENING**
  Infectious disease testing

- **TYPOING**
  Compatibility & pretransfusion testing

- **TRANSFUSION**
  Transfusion traceability
Tuesday April 24, 2018

8:00am-3:00pm Registration
10:00am-10:30am Coffee Break
11:30am-1:30pm Exhibit Hall opens - Dedicated Exhibit Hours
12:00-1:30pm Lunch break (separate fee for lunch required)

Tuesday luncheon session: Ergonomics for the Clinical Lab - Jason Colberg, DPT, CEAS
2:30pm-3:00pm Coffee Break
4:00-5:00pm ASCLS-CNE Annual Business Meeting - All are invited to attend

TRANSFUSION MEDICINE

9:00-10:00am Intermediate
Contact Hours: 1
Risk Reduction in Plasma Transfusion
This presentation will focus on approaches to preventing unnecessary plasma transfusion and avoidable plasma transfusion and on methods to inactivate plasma in single and in pooled units.
Joseph Sweeney, MD, FACP, FRCPath
Medical Director, Coagulation and Transfusion Medicine
Brown University
Providence, RI
Sponsored by Octapharma

10:30-11:30am Intermediate
Contact Hours: 1
True Confessions: FDA Reportable or Not?
During this session, the FDA requirements for Biological Product Deviation Reporting (BPDR) will be reviewed, including the types of facilities which are required to report as well as the criteria for reporting. In an interactive format, scenarios of deviations which have occurred in blood centers and transfusion services will be presented, along with plausible responses as to whether that particular situation is reportable (or not). Attendees will be provided time to ask questions concerning additional details of the scenarios presented and then vote on which response is correct according to the regulations. The “truth” and the rationale for that determination will then be revealed.
Melanie Champion, MBA, MT(ASCP)SBB
Quality Manager, Stem Cell Transplant Program
Yale New Haven Hospital
New Haven, CT

1:30-2:30pm Intermediate
Contact Hours: 1
Pathogen Reduced Blood Component 2018: Where are we Now?
This presentation will address the state of the art for pathogen reduction products in 2018. The talk will cover available products, ongoing clinical trials, adverse event reports, market share for pathogen reduced platelet products and a review of literature regarding pathogen reduced products used in pediatrics and trauma patients.
Edward L. Snyder, MD, FRCP
Professor, Laboratory Medicine
Yale Medical School/Yale New Haven Hospital
New Haven, CT

3:00-4:00pm Intermediate
Tangling with TACO: “The Elephant in the Center of the Room”
Transfusion-Associated Circulatory Overload significantly contributes to patient morbidity and mortality. A potentially preventable adverse consequence of Hemotherapy, TACO may be difficult to recognize at the bedside as well as to classify according to varied international hemovigilance networks’ case definitions. This presentation explores current efforts to better understand it.
Chester Andrzejewski, Jr. MD, PhD
Medical Director, System Blood Banking & Transfusion/Apheresis Medicine Services
BayState Health
Springfield, MA

TUESDAY LUNCHEON

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

Ergonomics for Clinical Laboratory Sciences
Ergonomics for clinical laboratory science means putting yourself under the scope. Learn the how and why laboratory professionals like you are at risk for developing musculoskeletal disorders. Take control over your career longevity, learn how to evaluate your risk, implement changes to help prevent them and prolong your career.
Jason Colberg, DPT, CEAS
Clinical Manager/Staff Therapist
RI Rehabilitation Center
East Providence, RI
### MICROBIOLOGY

**Tuesday April 24, 2018**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>9:00am-10:00am</td>
<td><strong>Clinical Benefits of Multiplex PCR Syndromic Testing</strong></td>
<td>Basic</td>
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<tr>
<td>10:30-11:30am</td>
<td><strong>What's New(s) in Clinical Public Health Microbiology?</strong></td>
<td>Intermediate</td>
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<tr>
<td>1:30-2:30pm</td>
<td><strong>What's New in Tick Borne Diseases?</strong></td>
<td>Intermediate</td>
<td>1</td>
</tr>
<tr>
<td>3:00-4:00pm</td>
<td><strong>Interesting, Intriguing and Possibly Disgusting Cases in Parasitology</strong></td>
<td>Basic</td>
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**WORKSHOP**

**Molecular Diagnostics**

*8:30am to 4:30pm (5 hours) Full day workshop*

Theory & Application of Molecular Diagnostics in the Clinical Laboratory with Data Interpretation

From basic theory to instrumentation as well as applications and data interpretation, you will experience a thorough introduction to the topic. This workshop is designed for laboratory professionals who would like a concise overview of molecular diagnostics and who wish to enhance their lab expertise and knowledge in molecular based methods.

**Sponsored by ARUP Laboratories**

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**Clinical Benefits of Multiplex PCR Syndromic Testing**

The use of multiplex PCR panel rapid diagnostics often have direct impact on clinical improvements for patients. During this session, we will explore the concept of Syndromic Testing and discuss how the latest advances of PCR testing is affecting patient care, patient satisfaction as well as alignment with the initiatives in hospital teams such as antimicrobial stewardship programs, infection control/prevention, quality and sepsis committees. None of these successes are possible without synergy between the laboratory and the medical staff.

**Marc Roger Couturier, PhD, D(ABMM)**

Associate Professor of Pathology/Medical Director
ARUP Laboratories
Salt Lake City, UT

**What's New(s) in Clinical Public Health Microbiology?**

This presentation will provide updates on a variety of topics relating to public health laboratory testing programs for pathogens that are of public health interest, including Zika, Influenza, Syphilis, 16S rRNA Sequencing, PFGE/WGS, and Carbapenem-Resistant Enterobacteriaceae.

**Richard C. Huard, PhD, D(ABMM)**

Chief of Biological Science Laboratories
RI Department of Health
Providence, RI

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**What's New in Tick Borne Diseases? Lyme Disease, Relapsing Fever and Beyond!**

This session will focus on the new developments in tick-borne diseases. Special attention will be given to the emerging pathogens *Borrelia miyamotoi* & Powassan virus. Tick-borne disease epidemiology will also be explored. Testing methods will be reviewed for many of the common tick-borne diseases, including lyme disease as well as other less frequently encountered infections.

**Marc Roger Couturier, PhD, D(ABMM)**

Associate Professor of Pathology/Medical Director
ARUP Laboratories
Salt Lake City, UT

**Interesting, Intriguing and Possibly Disgusting Cases in Parasitology**

Cases in parasitology received at the ARUP Reference Parasitology Lab will be presented as unknown challenging cases for the audience. All are interesting, most are intriguing and some are disgusting!

**Marc Roger Couturier, PhD, D(ABMM)**

Associate Professor of Pathology/Medical Director
ARUP Laboratories
Salt Lake City, UT
**CHEMISTRY**

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

**Current Concepts in HIV Diagnostics**

In this session, we will review the importance of analytical sensitivity as it relates to patient seroconversion. The importance of detection of various HIV-1 antigen genotypes will be discussed.

*Maria-Magdalena Peru, MD, PhD*
Director, Medical and Scientific Affairs
Ortho Clinical Diagnostics
Rochester, NY

*Sponsored by Ortho Clinical Diagnostics*

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

**Earlier Prediction of Patient Risk for Acute Kidney Injury**

Attendees will gain a broader understanding of the incidence and implications of acute kidney injury. They will also learn about new biomarkers that can predict acute kidney injury, allowing physicians to intervene and potentially avoid the morbidity and mortality associated with the condition.

*Maria-Magdalena Peru, MD, PhD*
Director, Medical and Scientific Affairs
Ortho Clinical Diagnostics
Rochester, NY

*Sponsored by Ortho Clinical Diagnostics*

**HEMATOLOGY**

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

**Hematology Case Studies Using Digital Imaging**

In this session, case studies utilizing digital imaging covering both white blood cell and red blood cell abnormal disease states will be presented.

*Cindy Rogers, BS, MT(ASCP)*
Eastern Area Manager
CellaVision
Durham, NC

*Sponsored by CellaVision*

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

**Effective Adoption of Advanced Clinical Parameters**

This presentation discusses one institution’s journey in adoption of reporting reticulocyte Hgb, immature platelets and immature granulocytes. Best practice in reporting, validation and clinical application are discussed.

*Sherri Ozawa, RN*
Clinical Coordinator, Patient Blood Management
Englewood Hospital and Medical Center
Englewood, NJ

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

**The Changing Face of Fentanyl: The Opioid Epidemic A Public Health Perspective**

The speaker will discuss the current opioid epidemic and how it affects patients, the public and health care providers. There will also be an explanation on the efforts by the Governor’s Task Force to help address the epidemic. A particular emphasis will be placed on the problem of fentanyl.

*James V. McDonald, MD, MPH*
Medical Director, Overdose Prevention Program
RI Department of Health
Providence, RI

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

**Updates on Classification in Acute Leukemias**

Acute leukemias including acute myeloid leukemia (AML) and lymphoblastic leukemias (ALL) will be covered. The discussion will include the current clinically used classification system, which is based upon a combination of morphology, immunophenotype, genetics and clinical features.

*Olga Weinberg, MD*
Director, Hematopathology & Flow Cytometry
Boston Children’s Hospital
Boston, MA
**PUBLIC HEALTH**

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</table>
| 9:00-10:00am    | Basic | 1             | FACEBOOK Meets Public Health: Reaching High Risk Groups for HIV/STD Prevention  
Thomas Bertrand, MPH, MA  
Chief, Center for HIV, Hepatitis, STDs & Tuberculosis Epidemiology  
Rhode Island Department of Health  
Providence, RI  
This special-interest presentation will provide an overview of public health interventions to prevent HIV and STDs in Rhode Island that target high-risk groups. Real-life case studies will be shared that demonstrate the effectiveness of public health messaging on the internet and other social media platforms. Other special topics will include community-based rapid HIV testing, partner services and HIV return to care activities. |
| 10:30-11:30am   | Intermediate | 1 | What’s New(s) in Clinical Public Health Microbiology?  
Richard C. Huard, PhD, D(ABMM)  
Chief of Biological Science Laboratories  
RI Department of Health  
Providence, RI  
This presentation will provide updates on a variety of topics relating to public health laboratory testing programs for pathogens that are of public health interest, including Zika, Influenza, Syphilis, 16S rRNA Sequencing, PFGE/WGS, and Carbapenem-Resistant Enterobacteriaceae. |
| 1:30-2:30pm     | Intermediate | 1 | Phlebotomy CLSI Standards Update  
Kathleen Finnegan, MS, MT(ASCP)  
Clinical Associate Professor/Chair  
Stony Brook University  
Stony Brook, NY  
Proper blood collection ensures better patient care by reducing errors. Blood specimens obtained from patients has an important role for prognosis, diagnosis and patient management. This talk will address issues relating to phlebotomy practice, review of the new updated CLSI standards and reduce specimen rejection. |

**PHLEBOTOMY**

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</table>
| 3:00-4:00pm     | Intermediate | 1 | Capillary Collection  
Kathleen Finnegan, MS, MT(ASCP)  
Clinical Associate Professor/Chair  
Stony Brook University  
Stony Brook, NY  
The healthcare worker needs to be familiar with various techniques of blood collection to ensure specimen quality and integrity. Performing proper capillary collection will help reduce pre-analytical errors. The quality of capillary blood specimens obtained from patients has an important role for prognosis, diagnosis, treatment and patient management. |

_© 2018 American Society for Clinical Laboratory Sciences_
Wednesday April 25, 2018

8:00am-3:00pm  Registration
9:00am-10:00am  Keynote Speaker-Jane Hermansen-Mayo Clinic
10:00am-10:30am  Coffee Break
11:30am-1:30pm  Dedicated Exhibit Hours
12:00-1:30pm  Lunch break (separate fee for lunch required)

Wednesday luncheon session:  The Owl Approach to Decision Making—Sandy Coletta

2:30pm-3:00pm  Coffee Break
4:00pm-5:30pm  VENDOR RECEPTION ——All attendees are welcome!

MANAGEMENT

10:30-11:30am  Basic  1:30-4:00pm  Intermediate
Contact Hours: 1  Contact Hours: 2

What to Expect During an Inspection
The session will provide an overview of inspections and the survey process. There will be a review of “hot button items,” such as competency, proficiency testing, IQCP and assay validation.

Kelly Quinn-Hall, MBA, MT(ASCP)
Laboratory Manager
Huggins Hospital
Wolfeboro, NH

Sponsored by Beckman

The Hospital Based Laboratory: Sustainability and Future Success Across the Continuum of Care
With a trend toward health system formation, physician alignment and patient integration, laboratory testing remains a key element to healthcare. However, there are increasing pressures on the laboratory to be cost-effective, yet provide the highest level of quality and service. It is necessary to define and demonstrate the sustainable benefits of the laboratory as it enhances medical practice and improves patient care.

Jane Hermansen, MBA, MT(ASCP)
Manager, Outreach and Network Development
Mayo Clinic
Rochester, MN
CLMA President

Sponsored by Mayo Medical Laboratories

WEDNESDAY LUNCHEON

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

Doing the Right Thing is Always the Right Choice!
The Owl Approach to Decision Making

There are thousands of decisions made each day and countless sources of wisdom as to how to approach them. Learn how the power of The Owl Approach, considering who will remember, can make the right choice clear!

Sandy Coletta
Author, The Owl Approach to Storytelling
Former Hospital President
Leadership’s Opportunities and Impact: How to Enhance Yours

Jane Hermansen, MBA, MT(ASCP)
Manager, Outreach and Network Development
Mayo Clinic
Rochester, MN
CLMA President

Sponsored by Mayo Medical Laboratories

Every day, regardless of your position, you have an opportunity to be a leader or be led by one. Leadership is not a rank, title or position; rather, it is an action and a responsibility. How have you been impacted by a good leader? How can you enhance your own leadership capabilities and impact others? This session will describe the key elements that comprise a good leader, provide examples of the impact that leaders have on others and allow you to explore your own capabilities and develop goals related to your own leadership path.

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

- Describe the impact that an effective leader can have on others
- Identify the opportunities to enhance your own leadership capabilities
- Develop a personalized leadership development plan

Wednesday April 25, 2018
### CHEMISTRY

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<tr>
<td>10:30am-11:30pm</td>
<td>Which of the Two Make the Best Soul Mate: An Anti-Treponemal or Anti-Nontreponemal Antibody?</td>
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This session will provide the participant with an overview of the evolution of diagnostic tests utilized for Syphilis testing (including the recent multiplex bead immunoassay test) and evaluate existing testing algorithms based on the clinical utility of the available tests.

**Maria Crisosotmo**  
Senior Product Manager  
Bio-Rad Laboratories, Inc.  
Hercules, CA

*Supported by Bio-Rad Laboratories*

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<td>The Facts About Biotin Interference</td>
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The presentation will focus on the facts around Biotin supplementation and the potential interference with some immunoassays. Additionally, we will discuss how to mitigate this potential so the most accurate lab results may be delivered to our clinician customers.

**Brad P. Mayeux, MSN, RN**  
Manager of Medical & Scientific Affairs-Cardiac Biomarkers  
Roche Diagnostics  
Boston, MA

*Supported by Roche Diagnostics*

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<td>Next Generation Troponin Testing</td>
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The presentation will focus on the facts around next generation, or high sensitivity troponin testing today, and how we can deliver state of the art troponin results to our clinician customers. We will discuss the differences between current contemporary troponins and these new higher sensitivity assays and how they will affect clinical practice.

**Brad P. Mayeux, MSN, RN**  
Manager of Medical & Scientific Affairs-Cardiac Biomarkers  
Roche Diagnostics  
Boston, MA

*Supported by Roche Diagnostics*
Marburgviruses:  
The Ebolaviruses’ Deadly Relative

The ebolaviruses have gained much attention due to the recent devastating outbreak. The marburgviruses, which belong to the same family as the ebolaviruses, have also been responsible for large outbreaks with high fatality rates. This presentation will review the discovery of the marburgviruses, outbreak history, viral characteristics and taxonomy, epidemiology, pathogenesis and pathophysiology of Marburg virus disease, and methods of laboratory diagnosis.

Catarina Miraglia, DC, MLS(ASCP)  
Assistant Professor  
University of Massachusetts-Dartmouth  
North Dartmouth, MA

Let’s Talk Strep:  
The Basics of Group A Streptococcus pyogenes Infection and Diagnostic Tests

The gram-positive, ß-hemolytic bacterium group A Streptococcus (GAS, Streptococcus pyogenes) is a leading human pathogen that causes life-threatening invasive infections, such as necrotizing fasciitis and streptococcal toxic shock syndrome (STSS). In contrast, acute Streptococcus pyogenes infections may take on the form of pharyngitis, scarlet fever (rash), impetigo or cellulitis. This presentation will cover the basics about the bacteria, and how it causes infection and provides some diagnostic tools to detect the presence of this organism in the clinical laboratory.

Andrea M. Pierce, PhD, C(ASCP)  
Sr. Manager, Scientific Affairs  
Cepheid  
Sunnyvale, CA

Sponsored by Beckman Coulter

4:00pm to 5:30pm  
Vendor Reception & Social  
Exhibit Hall

Sponsored by Beckman Coulter

ALL ATTENDEES ARE WELCOME  
Please join your colleagues for this social hour!
**Sharpen Your Blood Bank Investigative Skills**

Are you confident when you need to resolve an ABO discrepancy, investigate an incompatible crossmatch, or perform an antibody identification study? This program will assist you in sharpening skills used in blood bank problem solving. Using audience response technology, the participants will evaluate serologic and clinical data, select appropriate tests to perform, interpret results of the selected testing and ultimately resolve the problem. The choices of the audience will drive this program! Come prepared to learn strategies that could help you resolve your next serological dilemma.

**Janis Hamilton, MS, MT(ASCP)SBB**  
Manager, Immunohematology Reference Laboratory  
American Red Cross-Southeastern Michigan Region  
Detroit, MI

*Sponsored by Bio-Rad*

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**Platelet Storage Lesion: Is There Finally a Role for Cold-Stored Platelets?**

Platelets are susceptible to damage and/or activation during blood bank processing and storage. This presentation will review the latest findings regarding causes and manifestations of the “storage lesion” both at room temperature and in the cold, and discuss new uses of cold-stored platelets, which exploit aspects of cold-storage lesion.

**Gary Stack, MD, PhD**  
Chief, Pathology & Laboratory Medicine  
VA Connecticut Healthcare System  
Professor, Department of Laboratory Medicine  
Yale University School of Medicine  
New Haven, CT

**The Role of DNA Databasing in Criminal Investigations**

The presentation will focus on the use of DNA Databases in criminal investigations; the reason why these databases were developed for state and national use; database regulations, restrictions and safeguards; and who and why an individual is included in a DNA database. Case studies will be presented to demonstrate the effectiveness of a DNA database and if time permits, future applications and changes.

**Karen M. Lynch, MS, MT(ASCP)**  
Retired Principal Forensic Scientist  
RI Department of Health Laboratories  
Providence, RI

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<td>3:00-4:00pm</td>
<td>Intermediate</td>
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</tbody>
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**The Needle and the Damage Done: Illicit Drug Identification, Local & National Trends & the Opioid Epidemic**

Join us for a discussion of the most commonly abused drugs (legal and illegal) and their mechanisms of action on the body. We will compare trends and discuss the latest street drugs and “legal highs” as rogue chemists attempt to stay one step ahead of the law.

**Leslie A. Nolan**  
Supervisor, Forensic Drug Chemistry Laboratory  
RI Department of Health, Center for Forensic Science  
Providence, RI

<table>
<thead>
<tr>
<th>Time</th>
<th>Type</th>
<th>Contact Hours: 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30-2:30pm</td>
<td>Basic</td>
<td></td>
</tr>
<tr>
<td>3:00-4:00pm</td>
<td>Intermediate</td>
<td></td>
</tr>
</tbody>
</table>
MS in APPLIED LABORATORY SCIENCE & OPERATIONS

Graduates of the program will be broadly trained in:
- Recombinant DNA applications
- Analytical chemistry methodologies
- Microscopy (light, polarized and confocal)
- Statistical approaches to data analysis
- Quality assurance (QA) and quality control (QC)
- Project management
- Regulatory compliance

DRIVING SCIENCE, BY LEADING CHANGE

WHY CHOOSE BAY PATH?
- Classes start in late August (weekday evenings and online)
- Curriculum combines training on instrumentation and data analysis with research experience
- Utilize advanced instrumentation, including capillary electrophoresis and gas chromatography/mass spectrophotometry (GC-MS)
- Our faculty are experienced scientists and subject matter experts
- Graduate certificate in Laboratory Operations available
- Financial Aid is available
- No GMAT or GRE required

ENROLLING NOW
COURSES START IN AUGUST
Learn more at baypath.edu
## Thursday April 26, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00am-3:00pm</td>
<td>Registration</td>
</tr>
<tr>
<td>10:00am-10:30am</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>11:30am-1:30pm</td>
<td>Dedicated Exhibit Hours</td>
</tr>
<tr>
<td>12:00-1:30pm</td>
<td>Lunch break (separate fee for lunch required)</td>
</tr>
<tr>
<td>2:30pm-3:00pm</td>
<td>Coffee Break</td>
</tr>
</tbody>
</table>

**Thursday luncheon session:** America's Opioid Crisis: Provider Guidelines and Tools—F. Leland McClure, MSci, PhD (Sponsored by Quest)

### HEMATOLOGY

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00-10:00am</td>
<td>Intermediate Urinalysis Case Studies</td>
</tr>
<tr>
<td>Contact Hours: 1</td>
<td></td>
</tr>
<tr>
<td>1:30-2:30pm</td>
<td>Intermediate Those Bodacious Body Fluids—A Hematology Perspective</td>
</tr>
<tr>
<td>Contact Hours: 1</td>
<td></td>
</tr>
</tbody>
</table>

**Urinalysis Case Studies**

The speaker will provide a brief history of urinalysis with an overview of urine production. This will be followed by urine case studies chemistries and microscopy with the clinical impact of those cases.

- **Ivy Goodman, MLS(ASCP)**
  - Beckman Coulter
  - Brooklyn, NY

*Sponsored by Beckman Coulter*

**Heparin Assay Implementation: The Lahey Experience**

In this presentation, we will discuss heparin monitoring options, the PTT vs. AntiXa methodology, common clinical pitfalls, example cases with teaching points and the overall benefits of changing to the AntiXa methodology.

- **Thomas M. Gage, MD**
  - Medical Director of Laboratory Hematology
  - Department of Pathology & Laboratory Medicine
  - Lahey Hospital & Medical Center
  - Burlington, MA

*Sponsored by Sysmex America*

**Those Bodacious Body Fluids—A Hematology Perspective**

Body fluid morphology can present challenges to the laboratory professional who does not perform this evaluation on a daily basis. Using images from Wright–stained cytocentrifuged slide preps, this presentation provides numerous opportunities for participants to examine normal, reactive and malignant cell morphology. Key differentiating cell characteristics and patterns are illustrated using serous and cerebral spinal fluid.

- **Lynn Maedel, MS, MLS(ASCP)SH**
  - Former Executive Director
  - CACMLE in Denver
  - Adjunct Faculty
  - University of Colorado

*Sponsored by Sysmex America*

**THURSDAY LUNCHEON**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00pm-1:00pm</td>
<td>Basic America's Opioid Crisis: Provider Guidelines and Tools</td>
</tr>
</tbody>
</table>

This presentation provides an update of the nation's opioid crisis, including an overview and what has changed. The discussion will include examples of healthcare provider resources and tools to assist with managing the opioid dependent patient as well as monitoring patient drug use (and non-drug use).

- **F. Leland McClure, MSci, PhD, F-ABFT**
  - Corporate Medical Affairs, MSL Director
  - Quest Diagnostics
  - Secaucus, NJ

*Sponsored by Quest Diagnostics*
Applying Six-Sigma Principles as a Quality Indicator of Instrument Performance

Sigma metrics are increasingly finding their way into outcomes measurements in clinical laboratories. This presentation will review the history and meaning of sigma metrics in various industries and their application in laboratory medicine. Calculation and evaluation of sigma metrics will be demonstrated. Application of assay sigma metrics to selection of appropriate QC algorithms will be described.

**Lenette Walters, MS, MT(ASCP)**
Medical Affairs Manager
Beckman Coulter
Atlanta, GA

**Sponsored by Beckman Coulter**

The Prostate Health Index- phi:
A Simple Blood Test for Better Prostate Cancer Detection

Since its introduction in 1986, Prostate Specific Antigen (PSA) and its use in diagnosing prostate cancer (PCa) has been surrounded by controversy. Recently, the FDA approved the first multi analyte PCa blood test which leverages the results of 3 diagnostic tests: Total PSA, free PSA and p2PSA with a simple algorithm, the Prostate Health Index, to provide improved prostate cancer diagnosis and a potential reduction of unnecessary biopsies.

**Lenette Walters, MS, MT(ASCP)**
Medical Affairs Manager
Beckman Coulter
Atlanta, GA

**Sponsored by Beckman Coulter**

Mass Spectrometry in the Clinical Laboratory:
Enabling Precise Analytical Measurements to Assess Patient Health

The use of mass spectrometry in the clinical laboratory is increasing. Mass spectrometry assays include therapeutic drug monitoring, toxicology screening, endocrine function and microbial identification. This presentation will introduce the fundamental principles of mass spectrometry and review specific examples of currently used clinical applications of mass spectrometry.

**Stefani N. Thomas, PhD**
Clinical Chemistry Fellow
Johns Hopkins University
Baltimore, MD
### Thursday April 26, 2018

#### MICROBIOLOGY

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
</table>
| 9:00-10:00am    | **Intermediate**
|                 | Contact Hours: 1
|                 | Sexually Transmitted Diseases: We Just Broke the Record for Cases!                |
|                 | This lecture will cover the latest numbers of cases and trends for sexually       |
|                 | transmitted infections. Current diagnostic options will also be discussed.        |
|                 | **Norman Moore, PhD**                                                               |
|                 | Director of Scientific Affairs, Infectious Diseases                               |
|                 | Abbott Rapid                                                                       |
|                 | Scarborough, ME                                                                     |
|                 | **Sponsored by Abbott Rapid**                                                       |

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
</table>
| 10:30-11:30am   | **Intermediate**
|                 | Contact Hours: 1
|                 | Legionellosis: It is More Common Than you Think                                    |
|                 | *Legionella pneumophila* is a vastly underreported etiological agent for both    |
|                 | healthcare associated and community acquired pneumonia. It is transmitted via    |
|                 | aerosolization of contaminated water droplets. *L. pneumophila* is a common       |
|                 | bacterium in biofilm. Outbreaks can go undetected for months to years.            |
|                 | **Norman Moore, PhD**                                                               |
|                 | Director of Scientific Affairs, Infectious Diseases                               |
|                 | Abbott Rapid                                                                       |
|                 | Scarborough, ME                                                                     |
|                 | **Sponsored by Abbott Rapid**                                                       |

### MOLECULAR DIAGNOSTICS

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
</table>
| 9:00-11:30AM    | **Intermediate**
|                 | Contact Hours: 2
|                 | Why Do We Need Molecular Diagnostics: Clinical Case Studies in Molecular Diagnostics |
|                 | This presentation will introduce simulated clinical case studies that include    |
|                 | molecular diagnostic techniques, utilizations and interpretations in conjunction  |
|                 | with other laboratory studies.                                                   |
|                 | **Cynthia L. Jackson, PhD**                                                       |
|                 | Director of the Clinical Molecular Biology Laboratory                             |
|                 | Lifespan Academic Medical Center                                                  |
|                 | Brown University                                                                  |
|                 | Providence, RI                                                                    |

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>1:30-2:30pm</td>
<td><strong>Basic</strong></td>
</tr>
</tbody>
</table>
|                 | Contact Hours: 1
|                 | The Impact of New Diagnostics on International Tuberculosis Care                  |
|                 | This presentation will describe the impact of new tuberculosis diagnostics on     |
|                 | drug sensitive tuberculosis and drug resistant tuberculosis clinical care in      |
|                 | settings with varying resources around the world.                                 |
|                 | **Tara C. Bouton, MD, MPH & TM**                                                  |
|                 | T32 Infectious Disease Research Fellow                                             |
|                 | Alpert School of Medicine, Brown University                                       |
|                 | Providence, RI                                                                    |

---

**ALCOR SCIENTIFIC**

Someone asked me if I knew of an automated analyzer that can perform sedimentation rates from a primary sample tube in less than a minute.

I said, “íSED”

The íSED Sedimentation Rate (ESR) Analyzer from ALCOR Scientific is a fully automated ESR analyzer that samples directly from the primary tube, requires only 100µL of sample and generates results in 20 seconds. The íSED can run up to 180 samples per hour. It has a twenty (20) tube capacity, requires no preliminary mixing, no additional sample tubes. This reduces hands on time significantly, improving your laboratory’s workflow.

Want to learn more? Visit us online: www.ALCORscientific.com

[Image of the íSED Sedimentation Rate (ESR) Analyzer]
Pathogen Reduction Technology: 
A Paradigm Shift in Transfusion Medicine

This presentation will provide an overview of blood safety including the recent FDA draft guidance regarding bacteria in platelets. The INTERCEPT blood system, a pathogen reduction technology which reduces the risk of transfusion-transmitted infections in platelets and plasma will also be discussed.

Joanne Meisner, MPH
Hospital Affairs Director
Cerus Corporation
Concord, CA

Sponsored by Cerus

Transfusion Medicine in Management of Patients on Extracorporeal Membrane Oxygencation (ECMO)

This presentation will focus on the role of blood product support and hemostasis monitoring in adult patients on ECMO. We will review types of ECMO, indications for ECMO and anticoagulation management strategies. We will then focus on transfusion threshold holds and blood product utilization.

Meaghan Colling, MD
Transfusion Medicine Fellow
Massachusetts General Hospital
Boston, MA

HLA Testing in Transfusion Medicine

This session will provide an introduction of histocompatibility and Immunogenetics testing as it pertains to transfusion medicine.

J. Ryan Pena, MD, PhD, D(ABHI)
Director, HLA Laboratory
Beth Israel Deaconess Medical Center
Boston, MA

CAR-T Cells and Other Novel Cell Therapies

We will review data behind efficacy and toxicity behind the different Car-T Cells constructs and therapies and introduce the burgeoning number of non-CAR cellular therapies also impacting clinical care within and outside of oncologic diseases.

Sarah Nikiforow, MD, PhD
Clinical Instructor, Stem Cell Transplant Program
Assistant Medical Director, Cell Manipulation Core Facility
Dana-Farber Cancer Institute
Boston, MA
Updates in Salivary Gland Cytology

Salivary gland cytology remains a diagnostically challenging field, despite many recent advances in understanding the pathogenesis of salivary neoplasms. This session will review salivary gland tumors using a morphology-based approach, with an emphasis on differential diagnosis and application of new immunohistochemical and molecular tests.

Vickie Jo, MD
Assistant Professor of Pathology
Brigham & Women's Hospital
Harvard Medical School
Boston, MA

Thyroid FNA: Diagnosis & Classification

This presentation will provide an overview of thyroid fine needle aspiration diagnosis including recognition of the most commonly encountered entities. Appropriate classification of thyroid FNA specimens using The Bethesda System for Reporting Cytopathology will also be presented.

Jeffrey F. Krane, MD, PhD
Associate Director of Cytology
Chief of Head & Neck Pathology
Associate Professor of Pathology
Brigham & Women's Hospital
Harvard Medical School
Boston, MA

Diagnostic Seminar: Cases That Teach

The presentation includes two sessions with alternating interesting cytology cases between two speakers. The cases represent a potpourri from different organs including gynecologic and non-gynecologic sites. Clinical setting, cytomorphology, differential diagnosis, possible ancillary studies and final diagnosis will be discussed for each of the cases.

Mariana Canepa, MD
Staff Surgical Pathologist/Cytopathologist
Rhode Island Hospital
Assistant Professor of Pathology & Laboratory Medicine
Warren Alpert Medical School of Brown University
Providence, RI

Sara Maleki, MD
Staff Surgical Pathologist/Cytopathologist
Rhode Island Hospital
Assistant Professor of Pathology & Laboratory Medicine
Warren Alpert Medical School of Brown University
Providence, RI
Avoid the Pitfall of Commonly Cited Deficiencies

Do you know what requirements give laboratories the most trouble? This session will focus on the most commonly cited deficiencies, explain their intent and address practical approaches to meet compliance. The use of the “Evidence of Compliance” to effectively document compliance and how to maintain continuous compliance will be addressed.

Joan Rose, MT(ASCP)SH
Technical Analyst, Laboratory Accreditation Program
College of American Pathologists
Northfield, IL

Improving Quality of Patient Care in the Age of PAMA & Laboratory Stewardship Programs

In this session, attendees will gain a better understanding of PAMA and learn potential strategies to improve the quality of patient care. Included will be a discussion on transforming from laboratory utilization management to laboratory stewardship.

Karthik Kuppusamy, PhD
VP & General Manager, North Region
Quest Diagnostics
Marlborough, MA

Sponsored by Quest Diagnostics

Download the ASCLS-CNE Annual Convention Meeting App!

Evaluate sessions, download handouts, view the schedule and venue maps and more!

The ASCLS Annual Meeting mobile app is available for download. Access the app at www.ascls-cne.org/annual-convention or visit Google play store or the iTunes app store, and search for "EventsXD." After downloading the app, you will need to create an account to access the app and then search for “ascls-cne”.

For more information, please contact the meeting chair.
ATTENTION STUDENTS

9:00-10:00am

**ASCLS Student Forum Meeting**

The student forum meeting is open to all students of ASCLS. The incoming student president will be introduced, and will be discussing what it is like to be Student President for ASCLS-CNE. Roles and other student forum positions will be discussed, followed by elections for the open positions for the following year. Student members will be updated on upcoming events.

Owen Gilmartin
ASCLS-CNE Student Forum President
University of Massachusetts-Dartmouth
Dartmouth, MA

10:30-11:30am  Basic

**Assertion-Evidence Presentation Techniques: Reducing PowerPoint Induced Boredom**

The assertion-evidence approach is a paradigm shift in the way you present your scientific work. Building your presentation on messages that create a coherent story. No bullets, topics or boredom. You will learn key components to this approach and make your presentations more focused and you more confident when presenting.

Mark Kellogg, PhD
Associate Medical Director
Boston Children’s Hospital
Harvard Medical School
Boston, MA

1:30-4:00pm

**Mock Certification Exam**

The primary purpose is to help medical laboratory science students prepare for the certification examination. This exam will consist of one hundred multiple choice questions grouped into content areas, including hematology, microbiology, clinical chemistry, immunohematology, urinalysis and immunology. This will be a proctored exam. Answers will be provided at the end of the session.

**Please indicate on registration form if you are planning on taking the Mock Certification Exam**

**Please note: You must be registered for the Thursday “Day” session to take the exam.**

ASCLS-CNE presents
the
15th ANNUAL STUDENT POSTER COMPETITION!!

Case studies and research topics (either library research or scientific research) will be presented in a poster format by ASCLS-CNE student members from CLS, CLT & Cytology programs in our area. Posters will be available for your viewing pleasure. Prizes will be awarded at 4:00pm on Thursday following the final session for the day.

For more information, please contact:
Sara Murphy (slmurphy@wihri.org)
OR
Barbara Klitz (bklitz@uri.edu)

CASH PRIZES WILL BE AWARDED!
Sponsors and Exhibitors

Our thanks to all for supporting the ASCLS-CNE 70th Annual Convention. As one of the oldest and largest professional organizations in the region, ASCLS-CNE has a long history of excellence in providing continuing education for laboratory professionals. This is due, in part, to the generous support of our exhibitors and convention sponsors.

Please visit the Exhibit Hall on Tuesday, Wednesday AND Thursday
Exhibits will be open:
Tuesday, 4/24  11:30pm-4:00pm
Wednesday, 4/25  8:30am -5:30pm
Thursday, 4/26  8:30am-3:00pm
Exhibitor Move-Out: Thursday April 26, 2018 at 3:00pm

In addition, ASCLS-CNE will host a
VENDOR RECEPTION
Wednesday, April 25th from 4:00 to 5:30pm

The following is a partial list of current and previous Convention sponsors.

Abbott Diagnostics
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Alcor Scientific Inc.
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Audit MicroControl, Inc
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Higgins Corporation
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HTI Medical, Inc
Immucor
Imugen
Instrumentation Laboratory
JAF Consulting
Lab Corp
Laboratory Supply Company
Mayo Medical Laboratories
McKesson Lab Solutions
Medica Corporation
Meridian Bioscience, Inc.
MicroVideo Instruments, Inc
Nanosphere
NOVA Biomedical
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Octapharma USA, Inc
Ortho Clinical Diagnostics
Otsuka
Quest Diagnostics
Quidel
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Sarstedt
SCIEX
Sebia Electrophoresis
Sekisui Diagnostics
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Systex America, Inc.
TELCOR, Inc
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Thermo Fisher Scientific
Trinity Biotech USA Inc.
Viracor
ASCLS-CNE
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for sponsoring our
Speakers
Vendor Reception & Social
Coffee breaks & Lunches

Find us on Facebook@facebook.com/asclscne
DIRECTIONS TO THE RHODE ISLAND CONVENTION CENTER

From the North:
Interstate 95 South to Exit 22A. Follow the signs towards the Downtown/Convention Center. Go through the first light in the right hand lane. Take the first right after the light. Take the next right onto Exchange St. After the next light, bear right between the Hotel and the Convention Center to the North Garage.

From the South:
Interstate 95 North to Exit 22A. Follow the signs towards Downtown Convention Center. At the light, turn right onto Francis Street. At the next light, go right onto Sabin Street. Bear right between the Hotel and the Convention Center to the North Garage.

From the East:
Take 195 West. Merge onto 95 North to Exit 22A. Follow the signs towards Downtown/Convention Center. At the light, turn right onto Francis Street. At the next light, go right onto Sabin Street. Bear right between the Hotel and the Convention Center to the North Garage.

From the West:
Take Route 6 to the “Route 6 East and I-295 South” ramp. Take a right and stay to the right following the signs to Providence and Route 6 East (you will use part of the I-295 on-ramp to get onto Route 6 East). Stay on Route 6 East to the end (sign will read “6 East to 10 North”) and stay to the left. Continue to the Dean Street Exit. Once on the exit ramp, stay to the left so that you will be on the left side of the island when you reach the light. Turn left onto Dean Street (4 lane road). Then immediately take the first right onto West Exchange Street to the Convention Center Garage.

Meeting Rooms
ASCLS-CNE Meeting Rooms are all located on the 5th Floor of the RI Convention Center. Watch for posted signs for session room assignments.
Park on Level 4 of the Convention Center Parking Lot. Walk to Convention Center/Westin Hotel Entrance. Take a right onto Convention Center Lobby/connector. Signs will be posted. Take escalators to the Fifth Floor. Registration is in the Prefunction Lobby on the 5th floor.

Hotel Accommodations
Hotel accommodations are at the Hilton-Providence, located ONE block from the Rhode Island Convention Center. The special room rate is $149.00/room/night. There is hi-speed Wireless Internet Access in all guestrooms.

To make reservations, call 401-831-3900, or online at www.providence.hilton.com. Please indicate you are attending the ASCLS-CNE Annual Convention in order to receive the discounted rate. Reservations must be made by April 15, 2018.
2018 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 the sponsoring organizations listed below.

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

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

Membership rosters for the following organizations will be checked when registration is received and on site:

Northeast Branch American Society for Microbiology (NEB ASM),
Rhode Island Cytology Association (RICA)
Rhode Island Society for Histotechnology (RISH)

Directions for mail-in registration:

Please circle the appropriate fee for all sessions you plan to attend. Enter the total fee for each day in the column titled FEES PER DAY. Please remember to include separate fees for lunch if they apply. To register for a workshop, circle the appropriate fee for that workshop. Total all registration fees at the bottom of the form.

REGISTRATIONS received prior to April 20, 2018 include PARKING VOUCHERS. Late & walk-in registrants must park at their own expense.

DO NOT MAIL REGISTRATIONS AFTER April 20, 2018

Bring them to the Convention. No refunds will be given after April 20, 2018

Receipts will be available at the meeting only.
2018 ASCLS-CNE ANNUAL CONVENTION REGISTRATION FORM

Last name: ___________________________________ First name: ________________________

Street address: ______________________________________________________________________

City: ___________________________ State: _____________ Zip: ________________________

Telephone#: (h)__________________ (w)_____________________

Institutional (workplace) affiliation: ____________________________email: ______________________

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

American Society for Clinical Laboratory Science (ASCLS) Membership #: _______________________________

(Please circle if member; rosters will be checked)

Payment Information (CHECK ONE)

___ Check or Money Order in the amount of $______________ (Make checks payable to: ASCLS-CNE)

___ Credit card: ___VISA ___MasterCard ___American Express

Credit card number: ___________________________ Expiration date: ________________

Mail this completed registration form with appropriate payment (postmarked by April 20, 2018) to:

Maddie Josephs
43 Bourne Avenue
Rumford, RI 02916
### Preliminary Schedule

**ASCLS-CNE 70th Clinical Laboratory Science Convention**  
**Tuesday, April 24, 2018**  
**Exhibits open 11:30am-4:00pm**

<table>
<thead>
<tr>
<th>Time Block</th>
<th>9:00am-10:00am / 10:30am-11:30am</th>
<th>1:30pm-2:30pm / 3:00pm-4:00pm</th>
</tr>
</thead>
</table>
| Chemistry  | Current Concepts in HIV Diagnostics  
Maria-Magdalena Patru, MD, PhD  
*Sponsored by Ortho Clinical Diagnostics* | Earlier Prediction of Patient Risk for Acute Kidney Injury  
Maria-Magdalena Patru, MD, PhD  
*Sponsored by Ortho Clinical Diagnostics* | The Changing Face of Fentanyl: The Opioid Epidemic - A Public Health Perspective  
James V. McDonald, MD, MPH |
| Hematology | Hematology Case Studies Using Digital Imaging  
Cynthia Rogers  
*Sponsored by Cellavision* | Clinical Adoption of the Advanced Hematology Parameters – A Best Practice Roadmap  
Sherri Ozawa, RN | Flow Cytometry as a Diagnostic Aide to Hematology Analyzers  
Dr. Olga Pozdnyakova, MD, PhD |
| Microbiology | Clinical Benefits of Multiplex PCR Syndromic Testing  
Jonathan R. Devine, NP  
*Sponsored by BioFire* | What's New(s) in Clinical Public Health Microbiology?  
Richard C. Huard, PhD | What's New in Tick Borne Disease?  
Marc Roger Couturier, PhD  
*Sponsored by ARUP*  
Interesting, Intriguing & Possibly Disgusting Cases in Parasitology  
Marc Roger Couturier, PhD  
*Sponsored by ARUP* |
| Lunch Speaker (12:00pm-1:00pm) | Ergonomics for the Clinical Laboratory - Jason Colberg, DPT, CEAS | |
| Transfusion Medicine | Risk Reduction in Plasma Transfusion  
Joseph Sweeney, MD  
*Sponsored by Octapharma* | True Confessions: FDA Reportable or Not?  
Melanie Champion, MBA, MT(ASCP)SBB | Pathogen Reduced Blood Components: 2018  
Edward Snyder, MD  
*Tangling with TACO*  
Chester Andrzejewski Jr., PhD, MD |
| Public Health | FACEBOOK Meets Public Health  
Thomas E. Bertrand, MPH | What's New(s) in Clinical Public Health Microbiology?  
Richard C. Huard, PhD | |
| Phlebotomy | | | |
| Molecular Diagnostics WORKSHOP | Theory & Application of Molecular Diagnostics in the Clinical Laboratory with Data Interpretation  
Cynthia L. Jackson, PhD  
Shashi Mehta, PhD | | |

**30**
<table>
<thead>
<tr>
<th>Time</th>
<th>Keynote Speaker</th>
</tr>
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<tbody>
<tr>
<td>9:00am-10:00am</td>
<td><strong>Leadership’s Opportunities &amp; Impact: How to Enhance Yours</strong>&lt;br&gt; Jane Hermansen, MBA, MT(ASCP)&lt;br&gt; Sponsored by Mayo Medical Laboratories</td>
</tr>
<tr>
<td>10:30am-11:30am</td>
<td><strong>Chemistry</strong>&lt;br&gt; Anti-Treponemal or Anti-Nontreponemal Antibody&lt;br&gt; Maria Crisostomo&lt;br&gt; Sponsored by Bio-Rad</td>
</tr>
<tr>
<td>10:30am-11:30am</td>
<td><strong>Chemistry</strong>&lt;br&gt; The Facts About Biotin Interference&lt;br&gt; Brad P. Mayeux, MSN, RN&lt;br&gt; Sponsored by Roche Diagnostics</td>
</tr>
<tr>
<td>10:30am-11:30am</td>
<td><strong>Chemistry</strong>&lt;br&gt; Next Generation Troponin Testing Today&lt;br&gt; Brad P. Mayeux, MSN, RN&lt;br&gt; Sponsored by Roche Diagnostics</td>
</tr>
<tr>
<td>11:30am-12:00pm</td>
<td><strong>Hematology</strong>&lt;br&gt; The Next Generation Flow Cytometer: Instrument Standardization in the Clinical Lab&lt;br&gt; Abigail Kelliher, SCYM(ASCP)&lt;br&gt; Sponsored by BD Biosciences</td>
</tr>
<tr>
<td>11:30am-12:00pm</td>
<td><strong>Hematology</strong>&lt;br&gt; CAR-T Cells: Advances in Immunotherapy Treatment&lt;br&gt; Todd Roberts, MD</td>
</tr>
<tr>
<td>11:30am-12:00pm</td>
<td><strong>Hematology</strong>&lt;br&gt; Peripheral Smear Evaluation for Hematolymphoid Neoplasms&lt;br&gt; Daniel Schaffer, MD</td>
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<td>1:00pm-2:00pm</td>
<td><strong>Microbiology</strong>&lt;br&gt; Marburgviruses: The EbolaVirus’ Deadly Relative&lt;br&gt; Caterina Miraglia</td>
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<td>1:00pm-2:00pm</td>
<td><strong>Microbiology</strong>&lt;br&gt; &quot;Let’s Talk Strep: The Basics of Gr. A Streptococcus Pyogenes&lt;br&gt; Andrea M. Pierce, PhD&lt;br&gt; Sponsored by Cepheid</td>
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<td>1:00pm-2:00pm</td>
<td><strong>Microbiology</strong>&lt;br&gt; From Human Pathogen to Anticancer Agent: The Two Faces of Salmonella&lt;br&gt; Anne Reid, PhD</td>
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<td>12:00pm-1:00pm</td>
<td><strong>Lunch Speaker</strong>&lt;br&gt; The Owl Approach to Decision-Making - Sandy Colletta</td>
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<td>1:30pm-2:30pm</td>
<td><strong>Transfusion Medicine</strong>&lt;br&gt; Sharpen your Blood Bank Investigation Skills&lt;br&gt; Janis Hamilton MS, MT(ASCP)SBB&lt;br&gt; Sponsored by Bio-Rad</td>
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<td>1:30pm-2:30pm</td>
<td><strong>Transfusion Medicine</strong>&lt;br&gt; Platelet Storage Lesion: Is There Finally a Role for Cold-Stored Platelets?&lt;br&gt; Gary Stack, MD, PhD</td>
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<td>1:30pm-2:30pm</td>
<td><strong>Transfusion Medicine</strong>&lt;br&gt; Analytical &amp; Clinical Performance of the Investigational Procleix Babesia Assay&lt;br&gt; Jeffrey M. Linnen, PhD&lt;br&gt; Sponsored by Grifols Diagnostics</td>
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<td>3:00pm-4:00pm</td>
<td><strong>Forensic Science</strong>&lt;br&gt; The RI State Crime Laboratory &amp; Blood Alcohol Case Studies&lt;br&gt; Dennis C. Hilliard, MS</td>
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<td>3:00pm-4:00pm</td>
<td><strong>Forensic Science</strong>&lt;br&gt; The Needle and the Damage Done&lt;br&gt; Leslie Nolan</td>
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<td>3:00pm-4:00pm</td>
<td><strong>Forensic Science</strong>&lt;br&gt; The Role of DNA Databasing in Criminal Investigations&lt;br&gt; Karen M. Lynch, MS, MT (ASCP)</td>
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<td>4:00pm-5:00pm</td>
<td><strong>Management</strong>&lt;br&gt; What to Expect During an Inspection&lt;br&gt; Kelly Quinn-Hall, MBA, MT(ASCP)&lt;br&gt; Sponsored by Beckman</td>
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<td>4:00pm-5:00pm</td>
<td><strong>Management</strong>&lt;br&gt; The Hospital Based Laboratory: Sustainability &amp; Future Success Across the Continuum of Care&lt;br&gt; Jane Hermansen, MBA, MT(ASCP)&lt;br&gt; Sponsored by Mayo Medical Laboratories</td>
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**ALL ARE WELCOME!**
## Preliminary Schedule

**ASCLS-CNE 70th Clinical Laboratory Science Convention**  
**Thursday, April 26, 2018**  
**Exhibits open 8:30am-3:00pm**

### 9:00am-10:00am / 10:30am-11:30am

<table>
<thead>
<tr>
<th>Chemistry</th>
<th>Hematology</th>
<th>Microbiology</th>
<th>Transfusion Medicine</th>
<th>Cytology</th>
<th>Management</th>
<th>Molecular Diagnostics</th>
<th>Student</th>
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</thead>
</table>
| Applying Six-Sigma Principles as a Quality Indicator of Instrument Performance  
  Lenette Walters, MS, MT (ASCP)  
  Sponsored by Beckman | Urinalysis Case Studies  
  Ivy Goodman, MLS(ASCP)  
  Sponsored by Beckman | Sexually Transmitted Diseases: We Just Broke the Record for Cases!  
  Norman Moore, PhD  
  Sponsored by Abbott Rapid | Pathogen Reduction Technology  
  Joanne Meisner, MPH  
  Sponsored by Cerus | Updates in Salivary Gland Cytology  
  Vickie Jo, MD | Avoid the Pitfalls of Commonly Cited Deficiencies  
  Joan Rose, MT(ASCP)SH | Why Do We Need Molecular Diagnostics: Clinical Case Studies in Molecular Diagnostics  
  Cynthia L. Jackson, PhD | Student Forum Meeting  
  Owen Gilmartin |
| The Prostate Health Index - phi  
  Lenette Walters, MS, MT (ASCP)  
  Sponsored by Beckman | Heparin Assay Implementation: The Lahey Experience  
  Thomas Gage, MD | Legionellosis: It is More Common than you think  
  Norman Moore, PhD  
  Sponsored by Abbott Rapid | Transfusion Medicine in Management of Patients on ECMO  
  Meaghan Colling, MD | Thyroid FNA: Diagnosis & Classification  
  Jeffrey Krane, MD, PhD | Improving Quality of Patient Care in the Age of PAMA & Laboratory Stewardship Programs  
  Karthik Kuppusamy, PhD  
  Sponsored by Quest Diagnostics | Assertion-Evidence Presentation Techniques  
  Mark Kellogg, PhD | Assertion-Evidence Presentation Techniques  
  Mark Kellogg, PhD |
| Mass Spectrometry in the Clinical Laboratory: Enabling Precise Analytical Measurements to Assess Patient Health  
  Stefani N. Thomas, PhD | Those Bodacious Body Fluids  
  Lynn Maedel, MS, MLS (ASCP)  
  Sponsored by Sysmex | The Impact of New Diagnostics on International Tuberculosis Care  
  Tara C. Bouton, MD, MPH & TM | The Impact of New Diagnostics on International Tuberculosis Care  
  Tara C. Bouton, MD, MPH & TM | Diagnostic Seminar: Cases that Teach  
  Mariana Canepa, MD  
  Sara Maleki, MD |  |  |  |
| Lunch Speaker (12:00pm-1:00pm)  
America's Opioid Crisis: Provider Guidelines & Tools  
F. Leland McClure, MScI, PhD, F-ABFT |  |  |  |  |  |  |  |

### 1:30pm-2:30pm/3:00pm-4:00pm

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### Tuesday, April 24, 2018

**Preliminary Schedule**

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### Wednesday, April 25, 2018

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### Thursday, April 26, 2018

**Preliminary Schedule**

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**ASCLS-CNE 70th Clinical Laboratory Science Convention**  
**Thursday, April 26, 2018**  
**Exhibits open 8:30am-3:00pm**
~WE ARE MOVING IN 2019~

Make plans to attend the
2019 ASCLS-CNE Annual Convention

May 7-9, 2019
Crowne Plaza
Warwick, RI

After 22 years at the Rhode Island Convention Center, we are making the move to the
Crowne Plaza in 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.

Just 8 miles south on Interstate 95 and with very easy access from the Interstate, we are certain that you will continue to enjoy the Annual Convention in our new venue. There is also shuttle transportation from the Warwick Train station if you are traveling from Boston to Providence to Warwick. Please join us next year for our inaugural year in our new venue!

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

Maddie Josephs, General Chair
mjosephs@ccri.edu

ASCLS-CNE thanks the Rhode Island Convention Center for their hospitality for the past 22 years. It has been a pleasure to work with their phenomenal staff.
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!

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www.ascls.org

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Or
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Maddie Josephs MS, MT(ASCP)
43 Bourne Avenue
Rumford, RI 02916