Dear Colleague,

At a time when we need knowledge and community more than ever, we are proud that the American Society for Clinical Laboratory Science (ASCLS) and Association of Genetic Technologists (AGT) will continue to offer medical laboratory professionals across the nation the opportunity to learn and connect. We invite you to join us for a virtual ASCLS & AGT Joint Annual Meeting, June 28-July 2, 2020.

Building on the success of last year’s first partnership, the virtual event will continue to offer you a single, integrated educational program, abstracts and poster presentations, and new ways to connect with industry partners. The Joint Annual Meeting experience gives you expanded and broadened educational programming and access to a wider range of professional vendors.

Continuing Education. As a registered attendee, you will have access to all educational sessions, both live and recorded—nearly 60 hours of P.A.C.E.®-approved credit! You can design an individual meeting schedule to fit your work and personal life. Live CE sessions will be offered Monday through Wednesday, 10 am to 7 pm Eastern Time, and recorded sessions will be available through streaming online for 30 days after the event.

Social Events. One of the most important experiences at the Joint Annual Meeting is your time to network with colleagues, socialize with longtime friends, and establish new connections. To encourage these interactions in a virtual setting, the meeting schedule includes breaks with organized virtual group activities, informal small group discussions, and virtual challenges through the event app. Be sure to sign up by June 1 so you receive your “Conference Kit” in the mail with surprise items to participate in group activities.

Industry Engagement. The virtual Joint Annual Meeting gives us the chance to create a unique, personalized experience with our industry partners. Partners will be integrated throughout the event with opportunities to demonstrate their products and services and schedule one-on-one meetings with you for deeper, more meaningful conversations.

Leadership. Always a major component of the Joint Annual Meeting, virtual governance sessions will give members the chance to actively participate in governing our organizations and profession. Most governance sessions will be held on Sunday, and the ASCLS House of Delegates session will be held on Thursday.

The Joint Annual Meeting is an experience unlike any other meeting of laboratory professionals. It brings together people from all facets of the laboratory—from higher education, to the bench, and even the administrative suite. Our scientific sessions span Chemistry/Urinalysis to Microbiology/Public Health, Hematology/Hemostasis to Molecular Diagnostics and Cytogenetics, Phlebotomy to Generalist/Interdisciplinary, and much more. We hope to see many new attendees take advantage of this year’s virtual format for a flexible and more affordable experience.

We look forward to you seeing you online!

Cindy Johnson, MS, MLS(ASCP)CM, ASCLS President 2019-2020

Helen Bixenman, MBA/HCM, CHC, CG(ASCP)DLM(ASCP)CMQLCM, AGT President 2019-2020

Schedule at a Glance

SUNDAY, JUNE 28 (all times are EDT)
9:00 am - 1:00 pm  ASCLS Board of Directors Meeting
10:00 am - 5:00 pm  Pre-Conference Workshops
2:00 pm - 3:30 pm  ASCLS Regional Caucuses
4:00 pm - 5:00 pm  ASCLS Scientific Assembly Meetings
6:00 pm - 7:00 pm  AGT Member Business Meeting

MONDAY, JUNE 29 (all times are EDT)
10:00 am - 11:15 am  Welcome and Opening Keynote
11:30 am - 12:30 pm  Concurrent Sessions
12:30 pm - 1:30 pm  Break
1:30 pm - 2:30 pm  Concurrent Sessions
2:45 pm - 3:45 pm  Concurrent Sessions
3:45 pm - 4:45 pm  Break
4:45 pm - 5:45 pm  Concurrent Sessions
6:00 pm - 7:00 pm  Concurrent Sessions

TUESDAY, JUNE 30 (all times are EDT)
10:00 am - 11:00 am  Concurrent Sessions
11:15 am - 12:15 pm  Concurrent Sessions
12:15 pm - 2:00 pm  Break
2:00 pm - 3:00 pm  Concurrent Sessions
3:15 pm - 4:15 pm  Concurrent Sessions
4:15 pm - 6:00 pm  Break
6:00 pm - 7:00 pm  Concurrent Sessions

WEDNESDAY, JULY 1 (all times are EDT)
10:00 am - 11:00 am  Concurrent Sessions
11:15 am - 12:15 pm  Concurrent Sessions
12:15 pm - 1:30 pm  Break
1:30 pm - 2:30 pm  Concurrent Sessions
2:45 pm - 3:45 pm  Concurrent Sessions
3:45 pm - 4:45 pm  Break
4:45 pm - 5:45 pm  Concurrent Sessions
6:00 pm - 7:00 pm  Closing Keynote

THURSDAY, JULY 2 (all times are EDT)
12:00 pm - 4:00 pm  ASCLS House of Delegates Meeting
Maximize Your Virtual JAM Experience

Create a Schedule that is Right for You
As a registered attendee, you will have access to all educational sessions, both live and recorded. You get to choose which sessions you want to attend live and which sessions you will view later when the time is right. Design a schedule that fits your work and personal life. Take breaks when you need them—there is no right or wrong way to attend the Virtual Joint Annual Meeting.

Technology is Your Friend
All Joint Annual Meeting educational sessions and events will be held through Zoom webinars and Zoom meetings and will be accessible through the event app. Attend the meeting through your computer, smart phone, or tablet.

Registrants should download the event app right away to access valuable resources:

» Up-to-date program schedule with session descriptions, speaker bio, handouts, and direct links to both live and recorded sessions.
» See a list of all registered attendees and network with others directly through the app.
» Engage with the poster authors and presentations.
» Visit industry partner profiles and connect directly with representatives for one-on-one conversations and demonstrations.
» Share photos, resources, and insights with fellow attendees to feel connected when we’re physically distant.

You can test your Zoom connections ahead of time by joining a test meeting at zoom.us/test.

Make Time for Fun, Too!
Because all education and no fun makes for a boring virtual conference, we’ve included opportunities to take a break and get to know each other:

» Organized virtual group activities, such as chair yoga, creative time, JAM sessions—small group discussions on specific topics—and more.
» Anyone who registers by the early deadline (June 1) will receive a “Conference Kit” in the mail that includes surprise items to help you stay connected when we’re physically distant.
» Join industry leaders and clinical experts in a discussion highlighting the clinical application of fluorescence in-situ hybridization (FISH), advances in technique, QA/QC and validation studies, workflow optimization/ troubleshooting, and construction of advanced ISCN. Beginners welcome.

SUNDAY, JUNE 28

10:00 AM - 12:00 PM
PCR and Sequencing: What You Need to Know
» Denise Anamani, MA, (ASCP), NB(ASCP), University of Connecticut
» Enida Hendriu, PhD, NB(ASCP), Texas Tech University Health Sciences Center
Program Area: CMB
Contact Hours/Level: 2.0/Intermediate

This workshop is an overview of PCR and sequencing basics, as well as clinical applications.

10:00 AM - 12:00 PM
Next Gen & Variant Analysis
» Michelle Mai, MSc, NB(ASCP), Association of Genetic Technologists
Program Area: CMB
Contact Hours/Level: 2.0/Advanced

Next-generation sequencing is increasingly part of routine molecular diagnostics, and the role of genetic technologists has evolved. The abundance of genetic data has increased significantly and analysis can become more involved. Participate in this workshop to learn about the basic workflow of handling and evaluating high-throughput genetic information as it pertains to most working technologists by the bench side.

12:30 PM - 2:30 PM
FISH Troubleshooting
» Jun Gu, MD, PhD, (CG,ASCP), University of Texas, MD Anderson Cancer Center, School of Health Professions
» Steven Stefanos, MD Anderson Cancer Center
» Ming Zhao, MD Anderson Cancer Center
Program Area: CMB
Contact Hours/Level: 2.0/Intermediate

Join industry leaders and clinical experts in a discussion highlighting the clinical application of fluorescence in-situ hybridization (FISH), advances in technique, QA/QC and validation studies, workflow optimization/ troubleshooting, and construction of advanced ISCN. Beginners welcome.

1:00 PM - 3:00 PM
Punctuation DOES Matter ... and Other Lessons from the ISCN
» Stephen Moore
» Program Area: CMB
Contact Hours/Level: 3.0/Advanced

This workshop will include a review general ISCN concepts (the language of cytogenomics) and work through some complex and challenging cases.

3:00 PM - 5:00 PM
Resources and Strategies for the Interpretation of Germline Variants
» Rachel Lewis, MS, (ASCP), Invitae
» Program Area: CMB
Contact Hours/Level: 2.0/Advanced

This workshop will cover the background information necessary to properly curate a gene prior to interpretation of variants in that gene. Additionally, the presenters will introduce the categories of data that you will consider as you interpret novel variants and will present the online resources that are freely available to find the data.
**Educational Sessions | Monday, June 29**

Recognized experts in the field of clinical laboratory science present a wide range of topics to assist in continued professional development. These 60-minute sessions explore topics that cover the range of continuing education requirements needed to maintain certification.

*All times are EDT. Educational sessions are subject to change.*

**Monday, June 29**

11:30 AM - 12:30 PM  
Inconsistency in the Professional Identity of Laboratory Practitioners Contributes to the Workforce Shortage  
- Michelle Butina, PhD, MLS(ASCP)CM, West Virginia University  
- Kathy Deig, PhD, MLS(ASCP)CM, Michigan State University  
- Kate Halkich, Michigan State University  
- Catherine Ody, PhD, MLS(ASCP)CM, Rutgers University  
- Linda Smith, PhD, MLS(ASCP)CM, University of Texas Health  
- Program Area: GEN, ADM  
- Contact Hours/Level: 1.0/Intermediate

Practitioners who identify strongly with their profession are less likely to leave the laboratory workforce. A strong professional identity (PI) is crucial to enhancing workplace roles and, in turn, employee retention. Learn how PI contributes to retention and the steps managers can take to strengthen PI.

11:30 AM - 12:30 PM  
Predicting Antibiotic Resistance by Whole Genome Sequencing  
- Daniel Golenbock, PhD, Bellarmine University  
- Program Area: CMB, MK  
- Contact Hours/Level: 1.0/Advanced

Antibiotic resistance is routinely determined phenotypically in the clinical microbiology lab, but whole-genome sequencing can also be utilized to identify organisms and resistance genes. Sequencing-based tools and methods for the detection of antimicrobial resistance and prediction of susceptibility will be discussed.

1:30 PM - 2:30 PM  
Clonal Hematopoiesis of Indeterminate Potential  
- Carla Undechia, MS, MLS(ASCP)CM, Rose State College  
- Program Area: H  
- Contact Hours/Level: 1.0/Advanced

Clonal hematopoiesis (CH) is most commonly used to refer to a group of related myeloid cells with an acquired gene mutation. CH is seen in some of myelodysplastic syndromes and leukemias, but it may also be found in some individuals who have no detectable malignancy; in such cases it may be referred to as clonal hematopoiesis of indeterminate potential (CHIP).

1:30 PM - 2:30 PM  
Productivity in the Modern Laboratory  
- Michael Veri, MS, MLS(ASCP)CM, Stanford Health  
- Program Area: ADM  
- Contact Hours/Level: 1.0/Intermediate

This session will teach you how to calculate productivity for your laboratory, discuss differences between labs, provide ideas for improvement, and empower you to engage in discussions with your C-Suite for the betterment of your lab.

1:30 PM - 2:30 PM  
Labucate and Labvocate with Social Media: Tips and Tricks  
- Kathryn Goldblatt, MLS(ASCP)CM, Wisconsin Diagnostic Laboratories  
- Justin Hansenberg, MLS(ASCP)CM, Binding Site, Inc.  
- Kamran Mirza, MD, PhD, MLS(ASCP)CM, Loyola University Health System  
- Rodney E. Rohde, PhD, SMS(ASCP), Texas State University, CCLS Program  
- Program Area: GEN  
- Contact Hours/Level: 1.0/Intermediate

This interactive session will teach attendees tips and tricks of using social media professionally to promote their brand, educate laboratorians, and bring the laboratory out from the colloquial basement to the forefront. The speakers will guide attendees on the unique challenges and ethical issues that need to be considered while harnessing the power of these tools for practical purposes. The presenters will share their knowledge of best practices, their own success stories, and their advice on lessons learned in regard to both conduct research via social media and to disseminate research to a wider audience.

2:45 PM - 3:45 PM  
Ensuring Accurate Point-of-Care Results Using Laboratory Data and Informatics  
- Joshua Hayden, PhD, DABEC, FAACC, Norton Healthcare  
- Khaldia Ibrahim, MD, University of Louisville Department of Pathology and Laboratory Medicine  
- Program Area: POC  
- Contact Hours/Level: 1.0/Intermediate

This session will discuss how laboratorians can monitor paired point of care (POC)/core laboratory results. Attendees will gain insight into software tools that can do this, how to implement monitoring of such paired results into a POC quality assurance program, and how this approach can identify factors that impact accuracy of POC results.

2:45 PM - 3:45 PM  
Succeeding with Specialist Certifications  
- Suzanne B. Butch, MBA, SBB(ASCP)CM, University of Michigan  
- Christina Lim, MS, MLS(ASCP)CM, Oakland University  
- Stephanie Marby, MS, MLS(ASCP)CM, SC, Oak University  
- Nancy Raynal, BS, MLS(ASCP)CM, Michigan Medicine  
- Program Area: GEN  
- Contact Hours/Level: 1.0/Intermediate

In this interactive session, panelists will share their experiences and tips for success when it comes to preparing for and taking specialist certification exams, as well as discuss the various opportunities and rewards specialist certifications can provide.

This session will discuss how laboratorians can monitor paired point of care (POC)/core laboratory results. Attendees will gain insight into software tools that can do this, how to implement monitoring of such paired results into a POC quality assurance program, and how this approach can identify factors that impact accuracy of POC results.
**Educational Sessions | Monday, June 29**

**4:45 PM - 5:45 PM**

**Twenty Years After “To Err is Human”**
- Kaaren Golombok, PhD, MLS(ASCP), Bellarmine University
- Catherine Otto, PhD, MLS(ASCP), Rutgers University
- Program Area: SAF
- Program Area: CHEM
- Contact Hours/Level: 1.0/Intermediate

What is the status of patient safety in clinical laboratory testing? Do all laboratory professionals understand patient safety concepts? What else can we do to improve patient safety? This session discusses the status of patient safety in clinical laboratory science and opportunities to improve the quality of our services.

**4:45 PM - 5:45 PM**

**Hold My Beer Moments? Tales from DCLS Consultative Practice**
- Bandy Ganoksi, DCLS, MLS(ASCP), Augusta University Health
- Program Area: GEN
- Contact Hours/Level: 1.0/Intermediate

A presentation with discussion of several patient cases from a DCLS consultation service.

**4:45 PM - 5:45 PM**

**A Collaborative Guide to Navigating the Complexities of Perimortem Testing in the Clinical Laboratory**
- Lindsay Rapsdale, MD, FAAP, FAAPM, University of Kentucky
- Erin Schuler, PhD, University of Kentucky
- Michelle Smith, MD, University of Kentucky
- Allison Woodworth, PhD, DABCC, University of Kentucky
- Program Area: CM/ADM
- Contact Hours/Level: 1.0/Intermediate

Biochemical and genetic testing on infants during the perimortem period (on or before time of death) poses a number of unique challenges for laboratorians and clinicians alike. These challenges include determining which tests to order, ensuring appropriate specimen acquisition and handling, ascertaining data from biochemical analysis, newborn screening, molecular tests, and pathology reports to maximize the diagnostic value of orders, adhering to the goals of laboratory stewardship committees to reduce unnecessary laboratory testing, and determining who will pay when patient’s families would like answers regarding cause of death when insurance coverage is denied. Navigating these challenges is further complicated by the delicate nature of the perimortem period, as families and clinical care teams often are required to make rapid decisions under difficult emotional circumstances. This session highlights key cases instrumental in developing a multidisciplinary team approach to addressing the technical, managerial, and interpretive challenges encountered with perimortem laboratory.

**6:00 PM - 7:00 PM**

**Measles Comeback: Facts and Myths**
- Usha Olutayo, MD, MLS(ASCP), Bellarmine University
- Farhana Munir, MD, NRHA, MLS(ASCP)*, Youngstown State University
- Program Area: GEN
- Contact Hours/Level: 1.0/Intermediate

Measles is a potentially dangerous disease especially for young children. Measles has shown significant rise, even with vaccination, at national and global levels. This presentation will include latest CDC information emphasizing the confirmed cases in the United States, since its elimination in 2000. Some ethical and cultural issues impacting the comeback of measles will also be discussed.

**6:00 PM - 7:00 PM**

**Sex vs Gender in the Clinical Lab**
- Tiffany Roberts, PhD, DABCC, University of Louisville
- Program Area: GEN, ADM
- Contact Hours/Level: 1.0/Intermediate

From name confirmation by phlebotomists to sex-specific reference-intervals, the lab intersects with the healthcare of transgender patients in important ways. With more transgender patients presenting for clinical management, and more clinicians armed with hormone therapy guidelines created and endorsed by the Endocrine Society, it will be expected for laboratory professionals to know how to manage these patients. This session will focus on what comprises a normal laboratory result for a transgender patient.

**6:00 PM - 7:00 PM**

**hs-Troponins: From History to High Sensitivity**
- Janeen Chiarchia, PhD, Quinnipiac University
- Program Area: CHEM
- Contact Hours/Level: 1.0/Intermediate

According to the third universal definition of myocardial infarction, detection of cardiac troponin (sTn or cTnI) are the preferred markers for the diagnosis of acute myocardial infarction (AMI). The FDA recently approved a fifth generation assay capable of detecting troponin at levels 10- to 100-fold lower than levels measured by contemporary troponin assays. This marked increment in sensitivity has the potential to significantly alter our current approach to the diagnosis of AMI. Join this session as we take a deep-dive into troponin from history to high sensitivity.

**6:00 PM - 7:00 PM**

**Becoming an Expert: Professional Writing, Reviewing, and Publishing**
- Janice Gormley-Klasen, PhD, MLS(ASCP)*, FACSc, University of Minnesota
- Kristin Landis-Piwowar, PhD, MLS(ASCP)*, Oakland University
- Teresa Nadder, PhD, MLS(ASCP)*, Virginia Commonwealth University
- Perry Scanlan, PhD, MLS(ASCP)*, Austin Peay State University
- Mark Terry, Association of Genetic Technologists
- Pat Tittle, PhD, MT(ASCP), University of Cincinnati
- Program Area: GEN
- Contact Hours/Level: 1.0/Intermediate

This session is intended for individuals interested in developing their professional skills related to becoming authors, reviewers, or editors of a journal. A question and answer panel will discuss the skills needed to access the quality of an article, how to provide a valuable critique, and tips to improve manuscript submissions.

**TUESDAY, JUNE 30**

**10:00 AM - 11:00 AM**

**Advancing Interoperability: Laboratory Impacts of the 21st Century Cures Act**
- Andrea Pitts, PhD, MLS(ASCP)*, University of Wisconsin-Madison
- Program Area: ADM
- Contact Hours/Level: 1.0/Intermediate

Learn about the latest federal rules focused on advancing interoperability of health data, including “information blocking,” APIs, and a focus on expected expanded impacts to the laboratory community. How should laboratories prepare in advance of the next wave of federal requirements coming soon.

**10:00 AM - 11:00 AM**

**Anemia: Triggers for Transfusion**
- Carolyn Burns, MD, Independent Consultant
- Program Area: HEM/IM
- Contact Hours/Level: 1.0/Intermediate

Learn the evolution of restrictive transfusion practice and patient blood management strategies that help limit and potentially eliminate the need for transfusion.
### Educational Sessions | Tuesday, June 30

**All times are EDT. Educational sessions are subject to change.**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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| 10:00 AM – 11:00 AM | **Hear it from the Source! Why Choose the DCLS?**                     | - Nadine Rydzczynski, PhD, MLS(ASCP)**, Rutgers University  
- Rose Hanna, MS, MLS(ASCP)**, Rutgers University  
- S. Renee Hodgkins, PhD, MT(ASCP), University of Kansas Medical Center  
- Kay Kubala, MS, MBASCP**(N), University of Texas Medical Branch Galveston  
- Sergio Lisbon, MLS(ASCP)**, University of Kansas Medical Center  
- Eddie Salazar, PhD, MLS(ASCP)**, The University of Texas Medical Branch  
- Program Area: CMB  
- Contact Hours/Level: 1.0/Intermediate |
| **10:00 AM – 11:00 AM** | **Gordon Dewald Presentation: An Overview of the Amazing Advances in Genetic Testing I’ve Observed Over My 30 + Year Career** | - Kevin Halling, M.D., PhD, Mayo Clinic  
- Program Area: CMB  
- Contact Hours/Level: 1.0/Intermediate |
| **11:15 AM – 12:15 PM** | **Green Death Crystals and Other Gems from the Hematology Lab**       | - Jennifer Jones, MLS(ASCP)**, University of Kansas Medical Center  
- Program Area: HEM  
- Contact Hours/Level: 1.0/Intermediate |
| **11:15 AM – 12:15 PM** | **Handling Identification/Susceptibility Mismatches in the Modern Age** | - Alan Sankey, PhD, DUHMKM, Norton Healthcare  
- Program Area: MIC  
- Contact Hours/Level: 1.0/Intermediate |
| **11:15 AM – 12:15 PM** | **Better, Faster, Stronger: The Use of Direct Access Testing by Fitness Professionals** | - Carol Remas, PhD, MT(ASCP)**SC, George Washington University  
- Program Area: GEN  
- Contact Hours/Level: 1.0/Intermediate |
| **11:15 AM – 12:15 PM** | **A Case of Mistaken Newborn Screening: Biochemical and Molecular Genetics Join Forces to Make the Right Diagnosis** | - Linda Hasadini, MD, PhD, Mayo Clinic  
- Program Area: CMB  
- Contact Hours/Level: 1.0/Advanced |
| **2:00 PM – 3:00 PM** | **Plasma Transfusion: What’s the Real Deal with the Yellow Stuff**    | - Carolyn Burns, M.D., Independent Consultant  
- Program Area: H  
- Contact Hours/Level: 1.0/Intermediate |
| **2:00 PM – 3:00 PM** | **Myeloid Neoplasms and the Role of Molecular Diagnostics in Hematologic Malignancies** | - Rakesh Aria, MD, MPIC, University of Kentucky  
- Program Area: CMB, H  
- Contact Hours/Level: 1.0/Advanced |
| **3:15 PM – 4:15 PM** | **MALDI Mass Spectrometry: Past, Present, and Future**                | - Usha Chatterjee, MD, MLS(ASCP)**, Bellarmine University  
- Farhana Munir, MD, MHA, MLS(ASCP)**, Youngstown State University  
- Program Area: CHEM  
- Contact Hours/Level: 1.0/Advanced |
| **3:15 PM – 4:15 PM** | **ASCLS Oral Presentations**                                          | - Program Area: GEN  
- Contact Hours/Level: 1.0/Intermediate |
| **3:15 PM – 4:15 PM** | **Current Approaches to Lymphoma Testing in the Cytogenetics Laboratory** | - Jennifer Sammarco, PhD, FACMG, University of Nebraska Medical Center Human Genetics Laboratory  
- Program Area: CMB  
- Contact Hours/Level: 1.0/Intermediate |

*All programs are approved for ASCLS and ASCP CME credits. Educational sessions are subject to change.*
Educational Sessions | Tuesday, June 30

6:00 PM - 7:00 PM
Is Umbilical Cord Tissue Toxicology the Right Choice for Your Hospital?
Jennifer Colby, PhD, DARBC, FAAC, MedStat Laboratories
Joshua Hayden, PhD, DARBC, FAAC, Norton Healthcare
Program Area: CHEM
Contact Hours/Level: 1.0/Intermediate

This session will outline factors laboratories should consider when evaluating a switch to umbilical cord toxicology. In particular, it will discuss the analytic performance relative to urine and meconium, the importance of turnaround time, and important considerations specific to the population served (rates of abuse, drugs abuse, etc).

6:00 PM - 7:00 PM
Join the EPIDEMic: Increasing Healthcare Value as Clinical Laboratory Scientists and Cytogenetic and Molecular Professionals
Yaslin Zhou, MD, University of Oklahoma Health Sciences Center
Program Area: ADM, QA, CMB
Contact Hours/Level: 1.0/Intermediate

You are invited to join an EPIDEMic to improve patient care. Dr. Yaslin Zhou, an ASCP Choosing Wisely champion, will discuss healthcare value, test utilization, and algorithmic approaches to molecular genetic testing so you, too, can apply the EPIDEM Model of Quality Improvement to optimize patient care at your institution.

6:00 PM - 7:00 PM
A Seat at the Table: Raising the Profile of the Lab Professional on the Healthcare Team
Alison Woodworth, PhD, DARBC, University of Kentucky
Program Area: GEN
Contact Hours/Level: 1.0/Intermediate

The Institute of Medicine’s recent report on diagnostic error in healthcare concluded that proper diagnosis requires a multidisciplinary team of clinical experts, including pathologists and clinical laboratorians. Despite this, laboratorians often find themselves isolated from patient care and institutional decision making. This session will utilize three examples to illustrate strategies for integrating pathologists and laboratorians into the clinical care team and hospital leadership.

WEDNESDAY, JULY 1

10:00 AM - 11:00 AM
Succession Planning: Leadership Development and Planning for the Future
Rick Pearson, MBA, MLS(ASCP) cP, HealthPartners
Program Area: ADM
Contact Hours/Level: 1.0/Intermediate

Succession planning is much more than identifying a replacement for an essential position in your organization. If done properly, it should be a process for developing your current and future leaders and preparing them, not only for the next step in their career progression, but also to support and develop people to optimally perform in their current roles. This session will provide a process template for succession planning which accomplishes those goals.

10:00 AM - 11:00 AM
Implementation of Pharmacogenetic Testing in the Clinic: Benefits and Challenges
Mark Nakano, PhD, Molecular Testing Labs
Program Area: GEM, ADM
Contact Hours/Level: 1.0/Intermediate

Why don’t we have preemptive pharmacogenetic (PGx) testing implemented at every clinic? The pharmacoeconomic benefit has been researched and the results indicate a reduction in the patient’s financial burden. Using the PGx testing for mental health as an example, this session will describe the various challenges of PGx testing implementation within general healthcare practices.

11:15 AM - 12:15 PM
An Imperfect Puzzle: Using a Case-Based Approach to Promote Critical Thinking in the Hematology Laboratory
Demetra Castillo, MAED, MLS(ASCP) cP, Northern Illinois University
Program Area: HEM
Contact Hours/Level: 1.0/Intermediate

Humans are not perfect and neither are their laboratory results in times of disease. When inconsistencies are present, it can make interpretation and determining the proper course of action challenging. This session will introduce the audience to mind mapping and other forms of logic models that can be used to promote critical thinking in the laboratory. These same models will then be applied to the work up of atypical patient scenarios during this session.

12:15 PM - 1:15 PM
Post-Retirement Opportunities and Adventures
Paul Labbe, MS, Labman Resources LLC
Suzanne Norris Zanto, MPM, MLS(ASCP)cP, Laboratory SolutionZ
Program Area: GEN
Contact Hours/Level: 1.0/Intermediate

This panel presentation and discussion will provide insight regarding how laboratory science retirees’ skill sets and networking can lead to a wide variety of post retirement opportunities and adventures.

1:30 PM - 2:30 PM
The Emergence of a New Practitioner: Three Doctors of Clinical Laboratory Science Share Their Impact on Healthcare
Santosh Kadak, DCLS, MLS(ASCP), Integris Baptist Medical Center
Rajkumar Rajendran, DCLS, MLS(ASCP), University of Texas Medical Branch
Julie Soder, DCLS, MLS(ASCP), University of Texas Medical Branch
Program Area: GEN
Contact Hours/Level: 1.0/Intermediate

The Doctor of Clinical Laboratory Science (DCLS) is a new practitioner role focused on reducing diagnostic error and improving healthcare. Three University of Texas-Medical Branch DCLS graduates will discuss their unique clinical experiences in implementing and leading diagnostic management teams (DMT). Speakers will discuss the impact they had on laboratory test utilization, clinicians, and patient outcomes.
Overview
In recent years there have been many changes impacting genetic testing laboratories related to CPT codes, Z-codes, LCDs, and NCCI edits, to name a few. We will discuss what genetic testing laboratories need to be aware of and how—in 10 years—the pendulum in the clinical microbiology laboratory has swung away from PCR assays and is reverting back to EIAs for diagnosing C. difficile.

Mitigation
Transfusion Transmitted Infections: Investigations and Mitigation
» Wolter Kelley, DO, FCAP, American Red Cross
» Program Area: IH, MIC
» Contact Hours/Level: 1.0/Intermediate

Transfusion is the most commonly performed medical procedure in the United States. Technological advancements have decreased transfusion transmitted infections. When a septic transfusion reaction is suspected, investigation must begin immediately, requiring a team of clinical, laboratory, quality, and public health professionals.

Career Pathways and Opportunities: Research, Public Health, Education, Industry, and Travel Roles for the MLS
» Norma Brown, MLS(ASCP), Fusion Medical Staffing
» Joshua Pullen, MHA, MLS(ASCP), Microbiologics, Inc.
» Michelle Russell, BS, MLS(ASCP), Michigan State University
» Mariane Wolfe, MS, MLS(ASCP), Michigan State University
» Program Area: GEN
» Contact Hours/Level: 1.5/Basic

The skills and knowledge of an MLS can be applied to many different sectors. This discussion will cover career development pathways for medical laboratory professionals in research, public health, education, industry, and in travel roles.

Are Bioethics Personal, Professional, or Both?
» Susan Lewis, PhD, Forensic DNA Associates
» Program Area: ETH
» Contact Hours/Level: 1.0/Intermediate

“Ethics don’t count unless they hurt,” is a common assumption in ethical theory development. What are you willing to give up? With a background of the major bioethical theories, this session will center around cases involving decision making as a citizen, family member, or professional in an acute care setting.

Additional Sessions to be Announced
Stay tuned for late-breaking sessions added to the schedule and announcements about Opening and Closing Keynote speakers. For the most-up-to-date schedule, download the Joint Annual Meeting event app at acscls.org/AnnualMeeting or agt-info.org/annual-meeting.
Professional Development

P.A.C.E.® Certificates
The Joint Annual Meeting provides a wide range of educational opportunities to meet your continuing education needs. The 2020 program offers nearly 60 hours of P.A.C.E.®-approved, quality educational programming.

ASCLS P.A.C.E.® is accepted by ASCLS, the American Society for Clinical Pathology (ASCP), and the Association of Genetic Technologies Board of Certification and all states, including Florida and California for recertification and licensure. ASCLS is an approved provider of continuing education programs in the clinical laboratory sciences. ASCLS is an approved provider with CE Broker for Florida licenses and will submit attendance to CE Broker.

to the P.A.C.E.® credits you earn, you will produce a P.A.C.E.® certificate of attendance using the ASCLS CE Organizer. The CE Organizer is online at www.ascls.org/CeOrganizer.

Board of Certification (BOC) and National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) Update
Date and time to be announced.
Attend this session to learn more about the new things happening with the Board of Certification, the National Accrediting Agency for Clinical Laboratory Sciences, and ASCLS advocacy work in public policy. Come prepared to ask questions.

ASCLS Scientific Assembly Meetings
Sunday, June 28 | 4:00 pm - 5:00 pm EDT
Join your colleagues at the Scientific Assembly meetings to bring together ASCLS members who share a special interest or expertise in a clinical laboratory science discipline to discuss trends, problem solve, and learn new methods and technology. Each Scientific Assembly section offers many opportunities for professional, scientific, and personal growth. Attend the session meeting for your special interest area and take advantage of this opportunity to learn more about them.

Non-members are welcome to attend these meetings.

Goverance

AGT Governance Meetings
AGT Business Meeting
Sunday, June 28 | 6:00 pm - 7:00 pm EDT
Join AGT to learn more about the Association, meet the incoming Board of Directors, get the latest updates on AGT activities, and hear updates from other organizations. All attendees are invited.

ASCLS Governance Meetings – An Open Invitation
Learn more about what ASCLS is doing about issues of importance to clinical laboratory professionals. Most ASCLS governance meetings are open to all members. Of special interest are the ASCLS Board of Directors Meeting, the Issues Update, Regional Caucus Meetings, and the House of Delegates.

ASCLS Society Update/Open Forum/Candidate Presentations
Date and time to be announced.
Moderated by Cindy Johnson, ASCLS president, this session will report on several practice issues that affect medical laboratory professionals: ASCLS committee activities and accomplishments will be presented. Attendees are asked to bring views from local and state colleagues to discuss with their peers.

ASCLS Region Caucus Meetings
Sunday, June 28 | 2:00 pm - 3:30 pm EDT
Join your region’s members to review and vote for the candidates running for ASCLS office. Also, plan to discuss topics presented at the House of Delegates, volunteer opportunities within the region or on the national level, your suggestions for sessions at next year’s Joint Annual Meeting, and more.

ASCLS Elections
Elections for ASCLS officers, including the Developing Professionals Forum and Ascending Professionals Forum, will be conducted electronically again this year on Sunday, June 20. ASCLS delegates will be able to use their smart phones, tablets, or laptops to cast their vote online. If necessary, a runoff election will be announced and held Wednesday morning.

Joint Annual Meeting Registration

Register Early and Save!
Register by June 1 and receive $50 off the regular registration rate. Everyone who registers by June 1 will receive a “Conference Kit” in the mail with surprise items to participate in group activities.

Registration includes access to the opening and closing sessions; all educational sessions; all session recordings streaming online for 30 days after the event; industry engagement, poster presentations, and networking activities; the event app; and all governance meetings. Full registration is required for attendees serving as delegates to the ASCLS House of Delegates.

Which Fee Applies to Me?
The discounted member registration rates are available only to persons holding current ASCLS or AGT membership. If you are not a member and would like to join, complete the membership application at www.ascls.org/join for ASCLS membership or https://agt-info.org/membership for AGT membership.

Professional Member
Emeritus/Honorary Member*
Emeritus/Honorary Member**
Full Membership (Customer)
Nonmember (Customer)

Remittance of Fees
» Joint Annual Meeting registration fees may be paid by check, credit card (Visa, MasterCard, Discover Card, or American Express), or an approved purchase order* from your institution (minimum value: $250). If you choose to use a purchase order, we require that a copy of the purchase order is enclosed with your registration form.
» We do not accept cash.
» Purchase orders will only be accepted for $250 or more from U.S. institutions. We require that a copy of the purchase-order is enclosed with your registration form.
» Checks should be made payable to ASCLS AM.
» All fees must be paid in U.S. Dollars.
» Payment must accompany your registration form in order to be processed.

Registration received on or before Monday, June 1, qualify for the early bird rate. All registrations received after June 1 will be processed at the regular registration rate.

Registration Fees
Register online today at www.ascls.org/annual-meeting or agt-info.org/annual-meeting

Full Registration Early Registration (by 6/1/20) Regular Registration (until 6/23/20)
Professional Member $295 $345 $395
Ascending Professional Member $195 $195 $195
Emeritus/Honorary Member* $195 $195 $195
Emeritus/Honorary Member** $25 $25 $25
Full Membership (Customer) $425 $475 $475

*This professional member, who qualifies for Emeritus Membership at last, has discussed to remain in the professional member category, is eligible to register at the Emeritus/Honorary Member rate. Members who wish to take advantage of this special pricing must register via phone (877-248-3703) or email. This special pricing is not available with standing orders. Emeritus Members whose Membership Category is “Emeritus” may register online.

Please note: ASCLS reserves the right to cancel registrations that circumvent regular processes to inappropriately receive the discounted member fee.

Pre-Conference Workshops: Professional Member $30/workshop, Nonmember (Customer) $53/workshop

NOTE: Full meeting registration is not required for pre-conference workshop registration.

Industry Partner Engagement and Exhibits

Monday, June 29 – Wednesday, July 1
Opportunities to engage with industry partners will be well be integrated throughout the virtual Joint Annual Meeting. Industry partners are full registrants and encouraged to participate in all aspects of the meeting, including scientific sessions and networking activities. Through the Joint Annual Meeting app, you can connect with partners and schedule personal appointments for one-on-one conversations and demonstrations. The Joint Annual Meeting format will provide abundant opportunities for meaningful conversations with our industry partners about your specific clinical laboratory needs.
Refunds
Requests for registration refunds must be received on or before Friday, June 12. There will be a $75 service charge for processing refunds. A signed letter requesting the refund should state the registrant’s name, the address where the refund should be sent, and the name of the person or institution to which the refund check should be made payable. If you must cancel after June 12, please consider sending a substitute in your place as no refunds will be issued after this date. Refund requests should be sent to ascls@ascls.org.

Confirmation
Registration confirmation letters will be sent by email for all registrations. If you do not receive a confirmation, please contact ASCLS-AGT Joint Annual Meeting Planners at ascls@ascls.org. ASCLS-AGT cannot assume any responsibility for misunderstandings regarding your registration if you do not receive a confirmation letter. This letter will also serve as your receipt for the amounts paid.

How to Register
Choose one of these two options:

1) Online Registration (Credit Card)
Register online at www.ascls.org/annual-meeting or agt-info.org/annual-meeting. Click the Registration tab for online registration.

2) Register By Mail (Check or Purchase Order)
Registration forms may be obtained by visiting www.ascls.org/AnnualMeeting or agt-info.org/annual-meeting and printing a copy of the form.

Make checks payable to ASCLS AM. Payment must accompany your registration form in order for your registration to be processed. If paying by purchase order, please include your purchase order number on the registration form.

NOTE: If purchase order payment is not received prior to the start of the meeting, payment via credit card must be submitted or registration will not be honored. Mail your completed registration form and payment to the mailing address on the registration form.

Important Dates

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<tr>
<th>Date</th>
<th>Description</th>
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<tbody>
<tr>
<td>Monday, June 1, 2020</td>
<td>Deadline for early registration rate</td>
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<tr>
<td>Friday, June 12, 2020</td>
<td>Deadline for receipt of registration refund requests</td>
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<tr>
<td>Tuesday, June 23, 2020</td>
<td>Deadline for regular rate registration</td>
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For registration, membership, or other inquiries, contact the ASCLS office at 571-748-3770 or email ascls@ascls.org.

To avoid being charged twice, submit your registration using only one method. If you have any questions about the registration process, please contact ascls@ascls.org.

For questions about AGT membership, contact agtinfonow@gmail.com.

2019-20 ASCLS Annual Meeting
Steering Committee
Lynne Williams, Chair
Jillene Collins, Past Chair
Josh Pulda, Vice Chair
Usha Chatterjee
Heather Herrington
Kane Hows
Cindy Johnson
Madde Josephs
Elizabeth LeFors
Nicholas Moore
Farhana Muerez
Kathryn Pearce
John Wentz
Jim Flanigan
Melanie Gusti

2019-20 ASCLS Abstract and Proposal Review Committee
Stacey Robinson, Chair
Rachel Morris, Vice Chair
Teriace Abreu
Julie Bayer-Vile
Jenny Gao
Linda German
Deborah Jokic
John Ko
Payman Nazir
Edward Peterson
Janna Schill
Melanie Gusti

2020 AGT Annual Meeting Committee
Kathryn Pearce, AGT Annual Meeting Director
Carlos Tirado, AGT Annual Meeting Co-Director
Helen Boxman, AGT President
Denise Juroske Short, AGT Executive Director
Tara Ellingsham, Annual Meeting Abstract Reviewer
Amy Gruszbach, Annual Meeting Abstract Reviewer
Daniel Schmidt, Annual Meeting Abstract Reviewer
Jason Yuhar, Annual Meeting Abstract Reviewer
Foundation for Genetic Technology (FGT)