

ASCLS, AGT & SAFMLS



# Joint Annual Meeting



LOUISVILLE 2021



American Society for Clinical Laboratory Science  
Association of Genetic Technologists  
Society of American Federal Medical Laboratory Scientists

**June 27 - July 1, 2021**



Face-to-Face Experience in Louisville, Kentucky at the Omni Louisville Hotel



Virtual Experience Online



Dear Colleague,

We proudly invite you to join your fellow medical laboratory professionals at the third Joint Annual Meeting (JAM) of the American Society for Clinical Laboratory Science (ASCLS) and Association of Genetic Technologists (AGT), and the first with the Society of American Federal Medical Laboratory Scientists (SAFMLS), June 27-July 1, 2021.

This past year has taught us all to be nimble, flexible, and resilient. It has emphasized the importance of maintaining connections with our friends and colleagues, who will be there with us through the tough times and will celebrate with us when we triumph. Your medical laboratory family knows you and how hard you've worked this year for your patients, students, and for our whole country.

In this spirit, we hope you will join us this summer to come together—whether that's face-to-face in Louisville or online for the virtual experience—to reunite with your professional community and celebrate the impact you've made this past year.

JAM will continue to offer you a single, integrated educational program, abstracts and poster presentations, and new ways to connect with industry partners. The addition of SAFMLS as a co-sponsor brings both scientific knowledge and deep expertise in leadership to our annual event.

**New This Year.** All attendees—both face-to-face and virtual—will have access to all recorded sessions for 30 days after the event, providing you with about 70 hours of P.A.C.E.®-approved credit. If there is more than one session that you want to attend in the same time slot, you won't miss out on any of the learning experiences. You can also be flexible and create a personal schedule that works best for you.

**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. Following CDC and state of Kentucky guidelines on holding gatherings—including social distancing, mask requirements, and hygiene—JAM will include a Presidents' Reception and Afterglow Party on Monday, June 28, and opportunities for small roundtable discussions on current topics, among other networking events. Additionally, there will be several virtual networking events planned for attendees to have meaningful conversations and meet fellow laboratorians in an online environment.

**Industry Engagement.** The Joint Annual Meeting format gives us the chance to create a unique, personalized experience with our industry partners. Exhibitors will be integrated throughout the conference venue, with exhibit tables among the session rooms and virtual exhibits in the conference app. These vendors will have ample opportunity 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 Joint Annual Meeting, governance sessions give members the chance to actively participate in governing our organizations and profession. Because this year's JAM is our first hybrid event (held both face-to-face and virtually), some governance meetings that are traditionally held face-to-face during the event will be held virtually either before or after JAM. Stay tuned for more details with exact days, times, and formats.

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 and Biochemical Genetics, Phlebotomy to Generalist/Interdisciplinary, and much more. There is no single meeting that can provide you with this unique experience.

We look forward to you joining us this June 27-July 1, either in Louisville or online.

**Maddie Josephs**, MS, MLS(ASCP)<sup>CM</sup>, ASCLS President 2020-21

**Helen Bixenman**, MBA/H<sup>CM</sup>, CHC, CG(ASCP)<sup>CM</sup>DLM<sup>CM</sup>QLC<sup>CM</sup>, AGT President 2020-21

**Mikal Stoner**, Col, MS, MT(ASCP), SAFMLS President

# SCHEDULE

## Schedule at a Glance

All times EDT. The schedule is subject to change. Full details will be made available at [www.labjam.org](http://www.labjam.org).

### SUNDAY, JUNE 27

8:00 am - 5:00 pm Pre-Conference Workshops, Association/Society governance meetings and leadership training

### MONDAY, JUNE 28

8:00 am - 11:30 am Pre-Conference Workshops, Association/Society-specific programming  
12:00 pm - 1:30 pm Welcome and Opening Keynote  
1:30 pm - 6:00 pm Concurrent Sessions, Industry Partner Engagement, Posters, Networking  
6:30 pm - 10:00 pm Reception and Social Activities

### TUESDAY, JUNE 29

8:00 am - 5:00 pm Concurrent Sessions, Industry Partner Engagement, Posters, Networking  
5:00 pm - 6:00 pm Association/Society-specific programming and Awards Ceremonies

### WEDNESDAY, JUNE 30

8:00 am - 4:00 pm Concurrent Sessions, Industry Partner Engagement, Posters, Networking  
4:00 pm - 5:30 pm Closing Keynote

### THURSDAY, JULY 1

10:00 am - 2:00 pm ASCLS House of Delegates Meeting



# GENERAL INFORMATION

## 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 works for you.** Take breaks when you need them—there is no right or wrong way to attend the Joint Annual Meeting.

All virtual 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**, which will be available the week before the meeting, for these valuable resources:

- » Access the up-to-date program schedule with session descriptions, speaker bios, handouts, and direct links to both live and recorded sessions.
- » See a list of all registered attendees and connect 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, whether you're attending virtually or in Louisville.
- » Take part in virtual challenges.
- » Share your experiences and connect with others through your favorite social media platform. Be sure to use the hashtags #Labucate21, #TheRealAGT, #IamASCLS, #SAFMLS, #Lab4Life.

## Laboratory Discipline Key

Use the laboratory discipline key below to identify the sessions of most interest to you. These abbreviations are used in the educational program descriptions to indicate which program areas each session addresses.

<b>ADM</b>	Laboratory Administration
<b>C/U</b>	Chemistry/Urinalysis
<b>CMB</b>	Cytogenetics/Molecular/Biochemical Genetics
<b>DIV</b>	Diversity, Equity & Inclusion
<b>EDU</b>	Education
<b>ETH</b>	Ethics
<b>GEN</b>	General/Interdisciplinary
<b>HEM</b>	Hematology/Hemostasis
<b>IH</b>	Immunohematology
<b>I</b>	Immunology
<b>MIC</b>	Microbiology
<b>PHL</b>	Phlebotomy
<b>POC</b>	Point of Care
<b>PSD</b>	Professional Society Development
<b>QA</b>	Regulatory Affairs/Quality Management
<b>SAF</b>	Safety



# WORKSHOPS

## Pre-Conference Workshops

Two-hour workshops offer participants the opportunity to learn current and up-and-coming topics of interest in genetics. Separate workshops will be available to face-to-face and virtual attendees and must be purchased separately. They can be added on to your registration at a later time.

### SUNDAY, JUNE 27

#### 1:00 PM - 3:00 PM, IN-PERSON

##### Basic Molecular Techniques: PCR and Sanger Sequencing

- » Katie Bennett, PhD, MB(ASCP)<sup>CM</sup>, Texas Tech University Health Sciences Center
- » Ericka Hendrix, PhD, MB(ASCP)<sup>CM</sup>, Texas Tech University Health Sciences Center
- » Program Area: CMB
- » Level: Basic

This workshop is an introduction of PCR and Sanger sequencing chemistries, how to set-up reactions, and how to interpret results. There will be activities for PCR and sequencing to help illustrate the concepts involved with both chemistries.

#### 1:00 PM - 3:00 PM, VIRTUAL

##### FISH Troubleshooting

- » Steven Sfamenos, BS, CM(ASCP)<sup>CM</sup>, University of Texas, MD Anderson Cancer Center, School of Health Professions
- » Ming Zhao, MD, CG(ASCP)<sup>CM</sup>, University of Texas, MD Anderson Cancer Center, School of Health Professions
- » Jun Gu, MD, PhD, CG(ASCP)<sup>CM</sup>, University of Texas, MD Anderson Cancer Center, School of Health Professions
- » Program Area: CMB
- » Level: 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.

#### 3:30 PM - 5:30 PM, VIRTUAL

##### Clinical Application of How to Write ISCN

- » Su Yang, BS, CG(ASCP)<sup>CM</sup>, University of Texas, MD Anderson Cancer Center
- » Program Area: CMB
- » Level: Intermediate

In this workshop, we will identify some of the problems encountered when writing proper presentation of the chromosomal changes (and FISH) which take place in a particular study. In addition, an easy-to-follow criteria to determine how to write up an accurate ISCN on some challenging cases will be demonstrated.

### MONDAY, JUNE 28

#### 8:00 AM - 10:00 AM, IN-PERSON

##### Advanced Molecular Techniques: Next Generation Sequencing

- » Katie Bennett, PhD, MB(ASCP)<sup>CM</sup>, Texas Tech University Health Sciences Center
- » Ericka Hendrix, PhD, MB(ASCP)<sup>CM</sup>, Texas Tech University Health Sciences Center
- » Program Area: CMB
- » Level: Advanced

This workshop is an overview of the principles, chemistry, and applications of Next Generation Sequencing (NGS). The major methodologies used in clinical laboratories will be discussed. A demonstration and hands-on activity will be conducted with a portable NGS instrument.

# Educational Session Preview

We invite you to explore the nearly 70 educational opportunities you will experience at the 2021 Joint Annual Meeting. Sessions have been grouped by themes—**Scientific Disciplines; Current Concepts; General; Professional Development, Leadership, and Management; and Speed Learning.**

All educational sessions will be recorded, and registered attendees will have access to recordings for 30 days after the event. Each educational session is one contact hour of P.A.C.E.® credit, except for Speed Learning sessions (see additional information on page 16). Program dates and times will be published at [www.labjam.org](http://www.labjam.org).

## SCIENTIFIC DISCIPLINES

### Anticoagulant and Antiplatelet Medication Reversal Strategies, Parts 1 and 2

- » Carolyn Burns, MD, Independent Patient Blood Management Physician
- » Program Area: HEM, I
- » Level: Intermediate

Anticoagulants and antiplatelet medications place patients at increased risk for bleeding. Antidotes may not be readily available for all of these, nor are specific lab tests. Laboratory professionals play a key role in facilitating reversal protocols via hemostasis testing and the transfusion service. This two-part session will provide tools to help in this endeavor.

### Applications of Next-Generation Sequencing in Hematological Neoplasms

- » Cinthya J. Zepeda Mendoza, PhD, ARUP Laboratories
- » Program Area: CMB
- » Level: Intermediate

Next-generation sequencing (NGS) has revolutionized the study of hematological neoplasms, by quickly becoming a routine clinical testing methodology for diagnostic, prognostic, and follow-up of patients. This session will introduce the applications of NGS for the detection of clinically relevant genetic abnormalities in hematological neoplasms, ranging from detection of single nucleotide variants to large structural rearrangements, as well as their impact in patient management and treatment.

### The Black Horse: A Scientific History of Plagues

- » James Griffith, PhD, University of Massachusetts
- » Program Area: MIC
- » Level: Intermediate

Humans have been associated with microorganisms since before the existence of our species (*Homo sapiens var sapiens*). Pestilence is quite another matter. We have NOT always had plagues, nor high efficiency kill-off from microorganisms. This session will explore our best information as to how all this began, describe some of the most notorious examples, and make predictions as to the options available in our future and how they might succeed in helping us to cope with pestilence yet to come.

### CLIA and Point of Care Testing

- » Ann E. Snyder, MT(ASCP), Centers for Medicare & Medicaid Services
- » Program Area: POC, QA
- » Level: Intermediate

This session provides an overview of the Clinical Laboratory Improvement Amendments (CLIA) program. Listen in for a discussion on the test categorization criteria for laboratory tests, CLIA certificate types, the requirements for waived vs. non-waived tests, and the regulations applicable to tests performed at the point of care.

### Clinical Utility of NanoString Gene Fusion Panel to Detect Actionable Gene Fusions/ Rearrangements in Fresh and Formalin- Fixed Paraffin-Embedded Cancer Specimens

- » Ying Zou, MD, PhD, ABMGG, FACMG, Johns Hopkins University
- » Program Area: CMB
- » Level: Intermediate

NanoString fusion technology is an innovative multiplexed hybridization method that can interrogate hundreds of gene fusions in a single reaction. This presentation will discuss the performance characteristics and the clinical utility of NanoString fusion assay in a clinical molecular diagnostics laboratory compared to other routine methods.

# Educational Session Preview | Scientific Disciplines

\*Educational sessions are subject to change.

## **CLSI Updates: POC Coagulation Testing, Linearity, Capillary Blood Collection, Quality Costs, and More**

- » Luann Ochs, MS, CLSI
- » Program Area: QA
- » Level: Basic

New and important information from recently updated CLSI standards and guidelines will be presented.

## **Considerations for the Implementation and Validation of Optical Genome Mapping for Routine Clinical Care**

- » Adam Smith, PhD, FCCMG, Cancer Cytogenetics Laboratory, University Health Network
- » Program Area: CMB, ADM
- » Level: Advanced

This presentation will focus on the practical tasks involved with the implementation of optical genome mapping in the laboratory. Issues such as space, sample collection, and data analysis will be discussed. In addition, data showing the applicability and cost feasibility will be presented.

## **A CRISPR Look at Genome Editing**

- » Shondra Pruett-Miller, PhD, St. Jude Children's Research Hospital
- » Program Area: CMB
- » Level: Intermediate

This session will discuss the basics of genome editing using CRISPR-Cas9 and its applications in biomedical research, translational research, and the real world.

## **Cytogenetic, Molecular, and Biochemical Genetics Combine to Make a Diagnosis**

- » Matthew Schultz, PhD, FACMG, Nationwide Children's Hospital
- » Program Area: CMB
- » Level: Intermediate

Complex cases in genetics often involve testing across multiple laboratory disciplines. This session introduces potential gaps in connecting results as well as an opportunity to gain additional insight for informing patient care. In this session we'll learn from such a case(s).

## **Direct-to-Consumer Genetic and CRISPR Technology**

- » Brandy Gunsolus, DCLS, MLS(ASCP)<sup>CM</sup>, Augusta University Health
- » Program Area: CMB, ETH
- » Level: Intermediate

This session will discuss direct-to-consumer (DTC) genetic testing, how these labs are regulated, how accurate the results are, and what happens when patients receive DTC genetic results. Information about CRISPR gene editing and its ethical issues will also be presented.

## **Droplet Digital PCR: Basic Concepts and Clinical Applications**

- » Dragana Milosevic, MSc, Mayo Clinic and Foundation
- » Program Area: CMB
- » Level: Basic

Use of digital polymerase chain reaction technology has grown rapidly in the last decade. In the last few years it has become a gold standard for nucleic acid quantification. This presentation will be focused on basic concepts of droplet digital PCR, presenting its advantages and clinical applications in molecular genomics laboratories.

## **Genetic Anomaly of Chronic Lymphocytic Leukemia**

- » Susan Leclair, PhD, University of Massachusetts
- » Program Area: CMB, HEM
- » Level: Intermediate

This presentation will evaluate the clinical importance of the expanding number of genetic mutations found in patients with CLL and their prognostic or therapy implications.



### **Gordon Dewald Presentation: Where Do We Go from Here?**

- » Barbara Goodman, PhD, Duke University, Retired
- » Program Area: CMB
- » Level: Basic

Finding clinical cytogenetics and growing within the field: Look to opportunities as they arise. Choose those that intrigue or excite you the most, then just keep going!

### **The Importance of Cytogenomic Tools for the Prognosis and Treatment of Hematological Malignancies**

- » Carlos Tirado, PhD, FACMGG, Baylor Scott & White Health
- » Program Area: CMB, HEM
- » Level: Advanced

This talk will address the use of combined conventional cytogenetics, FISH, and CMA studies to monitor hematological malignancies.

### **It Came from the Micro Lab: Diagnostic Cases from Head to Toe**

- » Nicholas Moore, PhD, MLS(ASCP)<sup>CM</sup>, Rush University Medical Center
- » Program Area: MIC
- » Level: Intermediate

In this session, learners will put their diagnostic and clinical microbiology knowledge to the test as they work through a series of clinical cases to identify the pathogen(s) responsible for some interesting and unusual syndromes.

### **Medically Important Arthropods**

- » Andrew Jones, MBA, MLS(ASCP)<sup>CM</sup>, University of Kansas
- » Program Area: MIC
- » Level: Advanced

Receive a breakdown of the bugs that cause disease in humans (and some animals), along with identification tips to help on arthropod CAP samples and patient samples. From ticks to black flies, if it bites and harms humans, it'll be covered.

### **A New Era in Treating Hematologic Diseases, CRISPR-Cas9 Genome Editing**

- » Kristin Landis-Piowar, PhD, MLS(ASCP)<sup>CM</sup>, Oakland University
- » Program Area: HEM, CMB
- » Level: Intermediate

Genome editing has become a precise and efficient possibility for numerous diseases affecting most cell types. This session explains the use of CRISPR/Cas9 genome editing in the context of hematologic diseases and follows a patient enrolled in the first clinical trial to "cure" sickle cell disease.

### **Precision Medicine and the Role of NGS Technology in Myeloid Malignancies**

- » Ranjana Arora, MD, MPH, University of Kentucky
- » Program Area: CMB, HEM
- » Level: Advanced

Myeloid malignancies are complex clonal diseases with vast genetic heterogeneity and vast clonal evolution with disease progression. Molecular profiling is important for diagnosis, treatment, risk stratification, and understanding the evolution of disease with time. These diseases often show more than one mutation, and the use of multigene next generation sequencing (NGS) panels is important in not only diagnosis but also in deciding the treatment and response to therapy with follow-up for measurable disease assessment.



# Educational Session Preview | Scientific Disciplines

\*Educational sessions are subject to change.

## The Role of Alpha-SNAP in the Biology of Neural Progenitor Cells and Neurogenesis

- » Luis Federico Batiz, MD, PhD, Universidad de los Andes
- » Program Area: CMB
- » Level: Advanced

This presentation will focus on recent advances in the role of  $\alpha$ -SNAP in fetal neurogenesis. Taking advantage of a mutant mouse model, we have identified several molecular and cellular mechanisms involved in abnormal proliferation/differentiation balance of neural progenitor cells and the onset of neurodevelopmental disorders.

## The Role of Laboratory Medicine in the Detection of Ethylene Glycol Poisoning

- » Christopher Swartz, PhD, MLS(ASCP)<sup>CM</sup>, University of Kentucky, Department of Health and Clinical Sciences
- » Program Area: C
- » Level: Basic

This session will examine the role of laboratory medicine in the clinical diagnosis of ethylene glycol poisoning. Direct and indirect methods of detection will be discussed, and case studies highlighting the use of laboratory medicine to assist in diagnosis will be presented.

## Sickle Cell Disease: A Global View

- » Tim Randolph, PhD, MT(ASCP), Saint Louis University
- » Program Area: HEM
- » Level: Intermediate

Sickle cell disease is the most common monogenic disease worldwide, yet patient outcomes vary widely. Mortality rates by age five years have been reported from 1 percent to 90 percent. This session will discuss global distribution and the variables that affect morbidity and mortality outcomes to include potentially curative therapeutic approaches.

## Urine Trouble: What Drug Screening in the Clinical Laboratory Can and Can't Tell Us

- » Stephanie Noblit, Esq, MLS(ASCP)<sup>CM</sup>, Legislative Analysis and Public Policy Association
- » Program Area: C, QA
- » Level: Intermediate

Drug screens are a routine test in the clinical laboratory, but they are also an important part of monitoring the opioid crisis in America. When performing drug screens, it is important to think about the bigger picture and the narrative the results are telling you (or failing to tell you) about your community.

## The Use and Feasibility of Pathogen Reduction Technology on Several Blood Components

- » Marcia Firmani, PhD, MT(ASCP)MB, The George Washington University
- » Francisco Rentas, PhD, SBB(ASCP), The George Washington University
- » Program Area: IH
- » Level: Advanced

The use of pathogen reduction (PR) technology is a proactive approach to improve blood component transfusion safety. In this presentation, we will discuss PR technology and results from our studies using PR on several blood products, including whole blood, cryoprecipitate, and frozen red blood cells.

## What to Do about VUS? How Family Variant Testing Can Resolve those Variants of Uncertain Significance

- » Rachel Lewis, MS, MB(ASCP), Invitae
- » Program Area: CMB
- » Level: Advanced

The interpretation of variant of uncertain significance (VUS) can be a frustrating clinical result. When you've exhausted all of the published resources looking for evidence to move the interpretation towards pathogenic or benign, what additional data can aid in the interpretation process? Family variant testing! This talk focuses on different scenarios that may be encountered when performing family variant testing on how these scenarios can lead you to update your interpretation to pathogenic or benign. We will also review considerations that need to be made for penetrance, associated condition age of onset, and inheritance patterns.

## What's the Deal with 🦠: Testing for Celiac/Crohn's/UC/IBS

- » Brandy Gunsolus, DCLS, MLS(ASCP)<sup>CM</sup>, Augusta University Health
- » Program Area: C, I
- » Level: Intermediate

This presentation will discuss the latest available testing and appropriate algorithms for screening, differentiating, and monitoring of these gastrointestinal conditions.

## CURRENT CONCEPTS

### COVID-Coag Controversies

- » George Fritsma, MS, MLS(ASCP)<sup>CM</sup>, The Fritsma Factor, Your Interactive Hemostasis Resource
- » David McGlasson, MS, MLS(ASCP)<sup>CM</sup>, Diapharma, Inc.
- » Program Area: HEM
- » Level: Advanced

A hemostasis abnormality unmistakably associates with COVID-19 progression, but what is the abnormality? Platelet activation? Arterial thrombosis? Sepsis? Hypofibrinolysis? How do we measure? D-dimer? TEG? PLT count? VWF? ADAMTS13? We apply routine and specialized hemostasis laboratory assay results to establish a model and to support COVID-19 management.

### Deployed Lab Clinical Operations/CONOPS (Concepts of Operations)

- » John Cardenas, MLT(ASCP), United States Air Force
- » Program Area: GEN
- » Level: Basic

This session will cover:

- Adjusting to a war zone (work schedule/protective equipment/trauma calls/MASCAL)
- Deployment challenges for lab ops (military/environment)
- Standing up COVID-19 testing/surveillance (challenges/plan development)
- Sharing personal experiences from deployments

## The Efficacy of Investigational COVID-19 Convalescent Plasma for Treatment of Hospitalized Critically-Ill COVID-19 Patients

- » Marionette Cortez, AHI, MT(AMT), Columbus Regional Health
- » Program Area: IH, GEN
- » Level: Intermediate

This presentation will describe the step-by-step procedure for supplying COVID-19 convalescent plasma for COVID-19 patients from our local blood supplier. The convalescent plasma that is being given was granted emergency use authorization status by the FDA. The convalescent plasma is from donors who have fully recovered from SARS-CoV-2 virus. The donors must qualify as a blood donor fully screened and donate fresh frozen plasma by pheresis, which is then labelled high titer convalescent plasma.

### Jumping into Pooled COVID-19 Testing from an Informatics Perspective

- » Andrea Pitkus, PhD, MLS(ASCP)<sup>CM</sup>, University of Wisconsin School of Medicine and Public Health
- » Program Area: ADM, GEN
- » Level: Intermediate

Learn about the types of COVID-19 pooled testing, how they are mapped and reported, as well as considerations in how these data are used. Distinctions will be made with pooled testing used for screening, diagnostic, and surveillance purposes. Limitations, cautions, and interoperability aspects will be presented.

# Educational Session Preview | Current Concepts

\*Educational sessions are subject to change.

## Leadership Challenges and Successes during COVID-19 from a Large Hospital Lab up to an Enterprise Level

- » Eva Kristina Calero, MS, MT(ASCP), United States Army, Brooke Army Medical Center
- » Mikal Stoner, MS, MT(ASCP), Defense Health Agency
- » Program Area: ADM, GEN
- » Level: Intermediate

Please join two senior level leaders with over 50 years combined experience, as they walk you through important leadership decisions and concerns during the SARS-CoV-2 Pandemic. Presenters will cover the challenges and successes, ramping up testing and tracking all aspects of it across a worldwide enterprise. Attendees will leave with a better understanding of how to prepare and support a pandemic across an enterprise.

## Prognostic Laboratory Data for SARS-CoV-2 Infections

- » Susan Leclair, PhD, University of Massachusetts
- » Program Area: HEM
- » Level: Intermediate

In the past year, laboratory professionals have been trying to find ways to help physicians diagnose and treat patients with SARS-CoV-2. This presentation will cover what we know today and suggest models of how to cope with tomorrow.

## GENERAL

### Collaboration with the CDC and PHLs on the Opioid Crisis

- » Paul Labbe, MS, MT(ASCP), Labman Resources LLC
- » Carla Orner, MBA, MT(ASCP), Heart to Heart International
- » Program Area: GEN
- » Level: Intermediate

The U.S. Department of Health and Human Services provided a grant in 2018 to support public health laboratories to address the nationwide opioid epidemic. In partnership with the CDC, nine non-governmental organizations (NGOs) were involved. As employees of one of those NGOs—Heart to Heart International—presenters will describe the innovation used to rapidly deploy solutions.

## PPE Smarter Strategies in the Lab

- » Dan Scungio, MT(ASCP), SLS, CQA(ASQ), Dan the Lab Safety Man, Inc.
- » Program Area: SAF
- » Level: Intermediate

PPE is the last line of defense between the employees and lab hazards. What is done when a pandemic changes the PPE you need and it is not available? Learn methods for obtaining correct PPE, ways to safely extend the life of PPE, and understand the regulations that always apply.

## Rural Laboratories: Strategies for Success

- » Nathan Johnson, PhD, M(ASCP), University of Arkansas for Medical Sciences
- » Program Area: GEN
- » Level: Basic

Rural labs are struggling. It makes no difference if the question is regulatory, personnel, or financial, many of these labs need a life-line. This session will offer practical advice and share real-world success stories. Special time will be allocated for attendees to share their lab's story.

## Social Determinants of Health and their Influence upon Equity in Laboratory Testing

- » Catherine Otto, PhD, MLS(ASCP)<sup>CM</sup>, Rutgers University
- » Stacy Walz, PhD, MT(ASCP), Arkansas State University
- » Program Area: DIV, GEN
- » Level: Intermediate

Social determinants of health play a significant role in equity in healthcare delivery, from access to and outcomes for care. Equity is one of the six dimensions of healthcare quality that defines patient safety. This session discusses the role of social determinants of health and how it influences laboratory testing services.

## Stories from the Laboratory: How Logic Modeling Improved Interdisciplinary Patient Care

- » Demetra Castillo, MAEd, MLS(ASCP)<sup>CM</sup>, University of Cincinnati
- » Program Area: GEN
- » Level: Intermediate

This session will introduce real life scenarios where interdisciplinary collaboration between clinicians and laboratory professionals changed the outcomes of patient diagnosis, monitoring, and resulting treatment.



## Super Villains and Lab Safety: Origin Stories

- » Dan Scungio, MT(ASCP), SLS, CQA(ASQ), Dan the Lab Safety Man, Inc.
- » Program Area: SAF
- » Level: Intermediate

Why do lab staff ignore safety rules? Do they really think they can get super powers? Study some real and imagined lab safety incidents and their consequences. Learn how to use safety stories to teach others in order to improve your lab safety culture.

## What's up Doc? Aiding Physicians with their Clinical Decision Making

- » Andrea Pitkus, PhD, MLS(ASCP)<sup>CM</sup>, University of Wisconsin School of Medicine and Public Health
- » Program Area: GEN
- » Level: Basic

Delve into the value of laboratory results and LOINC as we review their utilization in the development of an electronic health record clinical decision support tool shown to aid more accurate and quicker physician decision making with less cognitive work and greater user satisfaction in the provision of quality patient care.



## PROFESSIONAL DEVELOPMENT, LEADERSHIP, AND MANAGEMENT

### The 17 Essential Qualities of a Team Player and Leadership Panel

- » Jamie Olguin, MS, MLS(ASCP)<sup>CM</sup>, United States Air Force
- » Nicholas Wilson, MLT(ASCP)<sup>CM</sup>, United States Air Force
- » Program Area: GEN, ADM
- » Level: Basic

John C. Maxwell's, *The 17 Essential Qualities of a Team Player*, discusses how to become the kind of person every team wants. This laboratory leadership panel will be comprised of senior military and civilian lab leaders, mid-level military and civilian leaders, and entry level military civilian lab leaders. The presentation is an open panel forum where questions will be asked from the audience. Each leader will share stories of leadership and team player qualities that they possess and admire in all team members.

### Armed Services Blood Program: Leading During a Crisis

- » Colleen Cordrick, MA, MS, MLS(ASCP)<sup>CM</sup>SBB, United States Navy
- » George Hestilow, MS, MT(ASCP)SBB, Air Force Blood Program, USAF
- » Matthew Swingholm, MS, MT(ASCP)SBB, Army Blood Program
- » Audra Taylor, MS, SBB(ASCP), Defense Health Agency
- » Program Area: IH, ADM
- » Level: Intermediate

This presentation will walk you through the challenges faced by the U.S. Air Force and the U.S. Department of Defense blood community as the COVID-19 pandemic unfolded in early March of 2020 and up until the present.



# Educational Session Preview

## Professional Development, Leadership, and Management

\*Educational sessions are subject to change.

### Ask Me Anything: Diversity Edition

- » Miles Tompkins, MLT(ASCP)<sup>CM</sup>, Diagnostic Laboratory of Oklahoma
- » Program Area: DIV
- » Level: Basic

What do all the letters mean in LGBTQIA+? Why is BLM important? How does any of this apply to the laboratory sciences field? This session is a safe space to have these and any other questions answered, without judgement, from a diverse panel in our field.

### Climbing the Laboratory Ladder

- » Deborah Blecker-Shelly, MS, MT(ASCP)SM<sup>CM</sup>, Penn Medicine – Princeton Medical Center
- » Program Area: ADM
- » Level: Intermediate

The demand for medical laboratory scientists is here to stay. Labs need to strategically plan for recruitment, retention, and succession planning. This session will provide general information on career ladders, examples of ladder models, and the benefits and challenges of implementation.

### Digital Pathology: Basics of the Technology, Use Cases, and Selecting and Implementing a Solution

- » Elizabeth Chlipala, HTL(ASCP)QIHC, Premier Laboratory, LLC
- » Diane Sterchi, MS, HTL(ASCP), National Society for Histotechnology
- » Program Area: ADM
- » Level: Intermediate

This session will define the basic components, hardware, and software of a digital pathology (DP) system to include scanners, viewers, IT infrastructure, and storage. We will discuss current and emerging clinical, research, and histology use cases. We will also establish requirements for selecting a DP solution, including how histology can impact implementation.

### Empathy and Resilience on the Bench: Creating a Culture of Continuous Quality in the Midst of Chaos

- » Candice Freeman, MEd, MLS(ASCP)<sup>CM</sup>, Fayetteville Technical Community College
- » Program Area: GEN, QA
- » Level: Intermediate

This presentation will help attendees understand and implement empathic quality improvement strategies in highly stressful and high volume working conditions. Its aim is to equip the attendee to return to their working environment and approach the control of chaos with a greater degree of empathy and objectivity, focusing on how coworkers can collaborate more effectively to ensure safe patient care.

### GGC Outreach Education: Teaching Genetics, Inspiring Futures

- » Leta Tribble, PhD, Greenwood Genetic Center
- » Program Area: EDU
- » Level: Basic

Through an informal science education outreach program to middle and high schools students in South Carolina, the Greenwood Genetic Center seeks to increase genetic literacy and introduce students to careers in the life sciences.

### Health Education Advances with Laboratory Science (HEALS) Model: Blending Clinical and Public Health Services

- » Joanna Ellis, MS, MLS(ASCP)<sup>CM</sup>, CHWI, Texas State University
- » Program Area: DIV, GEN
- » Level: Intermediate

Public health outreach initiatives underutilize laboratory professionals. The HEALS workshop model presented will discuss the merits of a lab science perspective in community health education and lessons learned while conducting the HEALS workshops during the 2018 and 2019 Texas State University CLS study abroad programs in Aco, Peru.

## Improving the Lab Patient Experience and Implementing Lab Utilization/Formulary Management at an Enterprise Level

- » Mikal Stoner, MS, MT(ASCP), Defense Health Agency
- » Program Area: ADM, QA
- » Level: Intermediate

Come on a journey that will cover setting up lab utilization or formulary management at an enterprise level, world-wide, and standardizing the patient experience from check-in to patient education and information. Although these initiatives are still in progress, attendees will walk away with the current status, implementation process, and project management techniques used to manage all components of them. One lab order set and sign-in process for all.

## Quality Assurance ≠ Quality Improvement: Principles of Quality Improvement and Models to Know

- » Yaolin Zhou, MD, East Carolina University Brody School of Medicine / Vidant Medical Center
- » Program Area: QA, ADM
- » Level: Basic

This session will compare and contrast quality improvement (QI) vs. quality assurance. It will cover the most common quality improvement tools and models and six key principles of QI. By the end of the presentation, attendees will be able to apply the EPIDEM Model of Quality Improvement for better patient care.

## Quality Improvement Tools to Improve Patient Safety: Root Cause Analysis

- » Karen Golemboski, PhD, MLS(ASCP)<sup>CM</sup>, Bellarmine University
- » Catherine Otto, PhD, MLS(ASCP)<sup>CM</sup>, Rutgers University
- » Program Area: QA, SAF
- » Level: Intermediate

Effective healthcare organizations are continuously learning operations, through application of quality improvement tools. When adverse events occur, a systems perspective can provide insights regarding the factor(s) that were ultimately responsible. This session will present an overview of systems thinking and describe procedures for root cause analysis.

## The Role of Project Management in the Modern Clinical Laboratory

- » Eric Stanford, MHA, MLS(ASCP)<sup>CM</sup>, Vanderbilt University Medical Center
- » Program Area: ADM, GEN
- » Level: Basic

Whether we realize it or not, project management is part of our daily lives as laboratory professionals, especially for those in a leadership or management capacity. Yet, we have no formal training in it in most cases. This session will describe how project management can help in the clinical laboratory.

## Strategic Leadership

- » Jeff Smith, MT(ASCP), Madigan Army Medical Center
- » Program Area: ADM
- » Level: Advanced

Strategic leadership is expected at the enterprise and corporate level. This doesn't mean you cannot do it in your lab; in contrast your ability to think, plan, and execute strategically as a lab manager is the first step to reaching top levels of success for your lab.



# Educational Session Preview | Speed Learning

\*Educational sessions are subject to change.

## SPEED LEARNING

The following are 15-minute presentations that will be grouped by three in a one-hour session with Q&A at the end.

### Appointments in an Outpatient U.S. Air Force Laboratory Setting

- » Ruth Ann Alexander, MS, MT(ASCP), 96th Medical Group, Eglin AFB
- » Program Area: ADM, PHL
- » Level: Basic

March 2020, the novel coronavirus pandemic began to impact operations at the 96th Medical Group Clinical Laboratory with the installation commander's approval of administrative leave for employees in higher-risk categories as defined by CDC. With this directive, 23 percent of the clinical laboratory's full-time civilian staff members were no longer available to work, including all phlebotomy staff. Lab management had to respond quickly to ensure services were not interrupted. This is our story.

### DCLS Interventions: Improving Detection and Management of Impaired Kidney Function in a Primary Care Setting

- » Daniel Dees, MS, MLS(ASCP)<sup>CM</sup>, Brooke Army Medical Center
- » Program Area: ADM, C
- » Level: Intermediate

There is a documented gap between abnormal GFR values and physician follow up that adheres to the latest clinical guidelines. This delay can make patients more susceptible to progressive kidney disease. This presentation discusses the possible benefits of patient-specific DCLS interpretations and recommendations regarding kidney function testing.

### Effectively Manage Patient Flow to Increase Patient Satisfaction

- » Patrick Turbiville, MS, Eclipse Technology Solutions
- » Program Area: ADM
- » Level: Intermediate

Effective management of patient flow is a goal of all organizations. Failure to adequately monitor and address an efficient workflow is a huge dissatisfier to patients. Learn how to apply targeted techniques that will enable you to address flow in real-time and use historical data for optimization.

### Factors Influencing MLS Career Choice Amid the COVID-19 Pandemic

- » Lisa Schwartz, EdD, CGC, George Washington University
- » Program Area: EDU
- » Level: Basic

This session will present the findings of a cross-sectional study of students enrolled in MLS programs at a single university, which explored factors that influence MLS student career choice and how they may have been impacted by the COVID-19 pandemic.

### Hereditary Hemochromatosis: Updates for the New Decade

- » Nathan Johnson, PhD, M(ASCP), University of Arkansas for Medical Sciences
- » Program Area: HEM
- » Level: Intermediate

This session will provide attendees with an update to a very common genetic condition, hereditary hemochromatosis. Specific emphasis will be placed on laboratory evaluation, traditional and molecular, along with clinical updates every laboratorian should know.

### Massive Transfusion Protocol Over-Activation

- » Mohamed Abdelmonem, MBA-HCM, SBB(ASCP), Stanford Healthcare - Valleycare
- » Program Area: IH
- » Level: Intermediate

This presentation discusses possible ways for blood bank to reduce products waste, especially fresh frozen plasma, for a better blood products management. Enhance the collaboration between blood bank and the clinicians to reduce massive transfusion protocol over-activation.

### Military Blood Donor Center Challenges

- » Juan Guzman, MS, MT(ASCP)SBB, Armed Services Blood Bank Center - Pacific Northwest
- » Program Area: ADM
- » Level: Basic

This session will provide an overview of Military Blood Donor Center operations, limitations, and mitigation strategies to ensure adequate medical treatment and hospitalization of service members and their families anywhere in the world.

## Professional Certifications: All You Need to Know to Advance Your Career, from Alpha to Zulu

- » Nathan Johnson, PhD, M(ASCP), University of Arkansas for Medical Sciences
- » Program Area: EDU, ADM
- » Level: Basic

This session will cover certifications that are available to laboratory professionals, from entry level to advanced. Each certification will cover:

1. What is the certification and why it is needed
2. How this certification can help advance one's career
3. How to prepare for and pass the exam

## Ready Medical Force: Lab Techs Ready for Deployment

- » Sarah Matthews, MLS(ASCP)<sup>CM</sup>, United States Army
- » Program Area: ADM, EDU
- » Level: Basic

This session will discuss ways/means of ensuring military laboratory technicians and technologists complete their individual critical task lists and are ready for deployment.

## The Success of Military Students in an Online MLS program

- » Nathan Johnson, PhD, M(ASCP), University of Arkansas for Medical Sciences
- » Program Area: EDU
- » Level: Basic

This presentation will provide an overview of the largest cohort of military students in a civilian MLT to MLS program. Specific variables have been identified as determinants of their success in the program.



## ADDITIONAL SESSIONS TO BE ANNOUNCED

Stay tuned for late-breaking sessions added to the schedule and announcements about the Opening and Closing Keynote speakers.

For the most up-to-date schedule, visit [www.labjam.org](http://www.labjam.org).





## Poster Presentations

Research and case studies submitted by AGT, ASCLS, and SAFMLS members have been peer reviewed and will be presented as posters. The Joint Annual Meeting posters will be displayed digitally Monday – Wednesday and will be accessible through the event app. Authors will be available to discuss their posters at designated times throughout the meeting. The abstracts for the posters will appear in future issues of Clinical Laboratory Science or The Journal of the Association of Genetic Technologists.

## P.A.C.E.® Certificates

The Joint Annual Meeting provides a wide range of educational opportunities to meet your continuing education needs. The 2021 program offers about 70 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 licensees and will submit attendance to CE Broker.

To document 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](http://www.ascls.org/CEorganizer).



# 3 Medical Laboratory Societies. 2 Attendee Options. 1 Joint Annual Meeting.

In addition to the stellar educational programming, the 2021 JAM will include many of the meetings and events you traditionally enjoy at your professional society annual meetings. Many of the following are open to all attendees, whether you're a member of AGT, ASCLS, or SAFMLS. Stay tuned for more details about when and where the following events will take place.

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## Awards Ceremonies

Celebrate your distinguished colleagues and their accomplishments this past year during the ASCLS, AGT, and SAFMLS Awards Ceremonies.

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## AGT Genetic Educators and Mentors (GEMS) Gathering

Join AGT members to discuss the current status of Cytogenetic and Molecular Genetic education and training programs. All attendees involved in education and training of genetic technologists are welcome.

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## AGT Business Meeting

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.

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## ASCLS Society Update/Open Forum/Candidate Presentations

Moderated by Maddie Josephs, 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.

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## ASCLS Governance Meetings

Learn more about what ASCLS is doing about issues of importance to medical laboratory professionals. The ASCLS Board of Directors Meeting will be held on Sunday, June 27, and the House of Delegates Meeting on Thursday, July 1.

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## ASCLS Elections

Elections for ASCLS offices, including the Developing Professionals Forum and Ascending Professionals Forum, will be conducted electronically again this year on Tuesday, June 29. ASCLS delegates will be able to use their smart phones, tablets, or laptops to cast their vote online or vote in person at the Joint Annual Meeting. If necessary, a runoff election will be announced and held Wednesday morning. Exact times and locations will be provided in advance of the Joint Annual Meeting.

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## SAFMLS Meetings

SAFMLS will host a number of in-person and virtual events for its members during the Joint Annual Meeting. The exact times and locations of service-specific breakouts, the SAFMLS governance meeting, election results, and Awards Ceremony will be provided in advance of the JAM. SAFMLS President, COL Mikal Stoner, and many other service members will be available to answer questions throughout the meeting about the Society.

# Joint Annual Meeting Registration

## Register Early and Save!

Registrations received after June 11 will be processed at the onsite rate.

**Register by May 14 and receive \$100 off the onsite registration rate.** Ensure you have access to pre-conference workshops with limited space. You may also receive special promotions and invitations from exhibitors and meeting sponsors.

## Full Registration

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

## Guest Registration

Guest registration is available only to individuals attending face-to-face who do not work in the medical laboratory science field and includes admission to the Opening Session; Presidents' Reception and Silent Auction; the Presidents' Reception Afterglow; and the Member Awards Ceremonies. Guests must be registered as add-ons to full registrations and will be registered on site only.

## Which Fee Applies to Me?

The discounted member registration rates are available only to persons holding current ASCLS, AGT, or SAFMLS membership. If you are not a member and would like to join, complete the membership application at [www.ascls.org/join](http://www.ascls.org/join) for ASCLS membership, <https://agt-info.org/membership> for AGT membership, or [safmls.wildapricot.org](https://safmls.wildapricot.org) for SAFMLS membership.

## Registration Fees

Register online today at [www.labjam.org](http://www.labjam.org).

**NOTE: SAFMLS Members**, please refer to the SAFMLS website for additional information on the registration process.

Membership Category	Early Registration (by May 14)	Regular Registration (by June 11)	On-Site (Beginning June 26)
Professional/Full Member	Face-to-Face: \$545 Virtual : \$445	Face-to-Face: \$595 Virtual : \$495	Face-to-Face: \$645 Virtual : \$545
Ascending Professional Member	Face-to-Face: \$270 Virtual : \$220	Face-to-Face: \$295 Virtual : \$245	Face-to-Face: \$320 Virtual : \$270
Emeritus/Honorary Member*	Face-to-Face: \$270 Virtual : \$220	Face-to-Face: \$295 Virtual : \$245	Face-to-Face: \$320 Virtual : \$270
Developing Professional/ Student Member	Face-to-Face: \$270 Virtual : \$220	Face-to-Face: \$295 Virtual : \$245	Face-to-Face: \$320 Virtual : \$270
Community/Collaborative Member or Nonmember (Customer)	Face-to-Face: \$675 Virtual : \$575	Face-to-Face: \$725 Virtual : \$625	Face-to-Face: \$775 Virtual : \$675
Guest* (In-person only)	N/A	N/A	\$125

\* Any professional member who qualifies for Emeritus Membership but has chosen to remain a professional member is eligible to register at the Emeritus/Honorary Member rate. Members who wish to take advantage of this special pricing must register via phone (571.748.3770) or mail. This special pricing is not available with online registration. Emeritus Members whose Membership Category is "Emeritus" may register online.

**Pre-Conference Workshops:** ASCLS/AGT/SAFMLS Member \$60/in-person workshop, \$50/virtual workshop; Nonmember (Customer) \$80/in-person workshop, \$60/virtual workshop

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

### 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.
- All fees must be paid in U.S. Dollars.
- Payment must accompany your registration form in order to be processed.

Registrations received on or before Friday, May 14, qualify for the early bird rate. All registrations received after May 14 will be processed at the regular registration rate.

### Refunds

Requests for registration refunds must be received on or before Friday, June 11. 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 11 please consider sending a substitute in your place as no refunds will be issued after this date. Refund requests should be sent to [info@labjam.org](mailto:info@labjam.org).

### Confirmation

Registration confirmation letters will be sent by email for all registrations. If you do not receive a confirmation, please contact Joint Annual Meeting Planners at [info@labjam.org](mailto:info@labjam.org). ASCLS-AGT-SAFMLS cannot assume any responsibility for misunderstandings regarding your registration if you do not receive a confirmation. Any refunds or balances due will be indicated in your confirmation letter. This letter will also serve as your receipt for the amounts paid. Your registration packet and badge, along with ticketed meal functions for which you registered, will be waiting for you when you arrive at the Registration Desk at the meeting. The Registration Desk will be open Sunday, June 27 – Wednesday, June 30, from 7:00 am – 5:00 pm.

## Important Dates

### Friday, May 14, 2021 –

Deadline for early registration rate

### Thursday, June 3, 2021 –

Deadline for hotel reservations

### Friday, June 11, 2021 –

Deadline for receipt of registration refund requests

### Friday, June 11, 2021 –

Deadline for regular rate registration

### How to Register

Choose one of these two options:

#### 1) Online Registration (Credit Card)

Register online at [www.labjam.org](http://www.labjam.org).

#### 2) Register by Mail (Check or Purchase Order)

Registration forms may be obtained by visiting [www.labjam.org](http://www.labjam.org) 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 check or credit card will be collected on site or registration will not be honored. Mail your completed registration form and payment to the mailing address on the registration form.

**For registration, membership, or other inquiries, contact 571-748-3770 or email [info@labjam.org](mailto:info@labjam.org).**

To avoid being charged twice, submit your registration using only one method. If you have any questions about the registration process, please contact [info@labjam.org](mailto:info@labjam.org).

# Face-to-Face Joint Annual Meeting

## Venue

The face-to-face Joint Annual Meeting events will be held at The Omni Louisville Hotel in Louisville, Kentucky.

## Registration

All Joint Annual Meeting attendees must check in at the Registration Desk upon arrival to pick up your name badge. Name badges are required for admission to all Joint Annual Meeting events. The Registration Desk will be open Sunday, June 27, – Wednesday, June 30, from 7:00 am – 5:00 pm.

## Weather and Dress

Casual business attire is recommended for most Joint Annual Meeting activities. The average high temperature for Louisville in June and July is approximately 86°–89° F. While lightweight clothing is preferable during the day, meeting rooms and other venues are usually air conditioned. Since personal comfort zones vary widely, you may want to carry a sweater or jacket.

## Accommodations

The Omni Louisville Hotel is the headquarters hotel for the Joint Annual Meeting and recently opened in 2018. The hotel features a rooftop pool, luxury spa and salon, and six restaurants and dining options. Conveniently located on the first floor of the hotel is Falls City Market. This urban lifestyle market includes a grocery store, coffee bar, a bakery, sushi bar, brick-oven pizzas, wine and spirits store, and a lunch-time food truck. There is even a gift shop and tour company located in the market. All the conveniences meeting attendees could need!

## The Omni Louisville Hotel

400 S 2nd Street | Louisville, KY 40202

## Hotel Reservations

The discounted room rates for attendees are \$215 single/double occupancy, plus tax.

These rooms will be available until the block is filled or **Thursday, June 3**. Reservations made after the Joint Annual Meeting block is full, or after the June 3 deadline, are subject to space and rate availability. To reserve your room, visit [www.labjam.org](http://www.labjam.org).

## Deposits and Cancellations

A deposit of one night's room and tax will be due from the individual reserving the room. The hotel will refund deposits and credit card guarantees made by Joint Annual Meeting attendees if attendees cancel their room reservation(s) 72 hours or more prior to their date of arrival. Any reservation cancelled within 72 hours of the date of arrival, as well as no shows, will forfeit the first night's deposit.

## Travel

### Louisville International Airport

- » Distance from hotel: 6 miles
- » Drive time: 10–15 minutes (depending on traffic)
- » Average taxi fare: \$24 plus tip (one way)
- » Average ride-share fare: \$15 – \$20 (one way)

## Things to Do in Louisville

The Omni Louisville Hotel is surrounded by restaurants and entertainment options, including 4th Street Live (dining and entertainment destination), Kentucky Science Center, Whiskey Row, and the Muhammad Ali Center. Over 70 distilleries call Louisville home, 17 of which can be found on the Urban Bourbon Trail. Baseball fans will want to tour the Louisville Slugger Museum and Factory!

To help create your perfect complement to the Joint Annual Meeting program and networking opportunities, visit [www.gotolouisville.com](http://www.gotolouisville.com). You can search for just the right activity that fits your schedule and preferences to maximize your time in Louisville.



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