APHL Newborn Screening Symposium 2026

October 11–15, 2026 • New Orleans, LA

Final Program

Sponsored by the

Association of Public Health Laboratories

Co-sponsored by the

Louisiana Department of Health and the
International Society for Neonatal Screening

aphl.org/NBSS

#APHLNBS

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Agenda at a Glance

Sunday, October 11

1:00 pm – 5:00 pm	**Registration Open**	Empire Foyer
4:30 pm – 6:30 pm	**Exhibit Hall and Posters Open**	Elite Hall
3:00 pm – 5:00 pm	**Welcome & Lived Experiences Session**	Empire AB
5:00 pm – 6:30 pm	**Welcome Reception**	Elite Hall

Monday, October 12

7:30 am – 4:30 pm	**Registration Open**	Empire Foyer
7:30 am – 4:30 pm	**Exhibit Hall and Posters Open**	Elite Hall
7:30 am – 10:15 am	Coffee in the Exhibit Hall	Elite Hall
8:00 am – 9:30 am	**Plenary Session**	Empire AB
9:30 am – 10:15 am	Break in the Exhibit Hall	Elite Hall
10:15 am – 10:30 am	**Rapid Posters Session**	Empire AB
10:30 am – 11:45 am	**Keynote Session**	Empire AB
11:45 am – 2:00 pm	Lunch (on your own)	
1:30 pm – 3:00 pm	Refreshments in the Exhibit Hall	Elite Hall
2:00 pm – 3:00 pm	**Digital Posters Session #1**	Elite Hall
3:00 pm – 3:45 pm	**Concurrent Innovate! Sessions**	
	Primary.Health	Strand 10
	Waters Advanced Diagnostics	Strand 11
3:45 pm – 4:00 pm	Break in the Exhibit Hall	Elite Hall
4:15 pm – 5:15 pm	**Ignite the Night!**	Empire AB
5:15 pm – 5:30 pm	Break	
5:30 pm – 7:00 pm	Social Hours	Strand 12, 13

Tuesday, October 13

7:30 am – 5:00 pm	**Registration Open**	Empire Foyer
7:30 am – 3:30 pm	**Exhibit Hall and Posters Open**	Elite Hall
7:30 am – 9:30 am	Coffee in the Exhibit Hall	Elite Hall
8:00 am – 9:00 am	**Concurrent Roundtables**	Strand 11, 12, 13
9:30 am – 11:00 am	**Concurrent Sessions**	Empire AB, CD
11:00 am – 12:00 pm	**Digital Posters Session #2**	Elite Hall
12:00 pm – 12:30 pm	**Innovate! Session:** LabVantage Solutions, Inc.	Strand 10
12:00 pm – 1:30 pm	Lunch provided in the Exhibit Hall	Elite Hall

US Central Daylight Time (CT)

Sessions in Empire AB and Empire CD will be recorded (no livestream).

1:00 pm – 1:30 pm	**Concurrent Innovate! Sessions**	
	Sebia, Inc.	Strand 10
	Sumitomo Pharma America	Strand 11
1:30 pm – 2:00 pm	Break in the Exhibit Hall	Elite Hall
2:00 pm – 2:45 pm	**Concurrent Innovate! Sessions**	
	Revvity	Strand 10
	Bio-Rad Laboratories Inc.	Strand 11
2:45 pm – 3:15 pm	Break in the Exhibit Hall	Elite Hall
3:15 pm – 4:45 pm	**Concurrent Sessions**	Empire AB, CD
4:45 pm – 5:00 pm	Break	
5:00 pm – 6:00 pm	**HHS Town Hall on Newborn Screening**	Empire AB

Wednesday, October 14

7:30 am – 4:00 pm	**Registration Open**	Empire Foyer
7:30 am – 4:00 pm	**Exhibit Hall and Posters Open**	Elite Hall
7:30 am – 9:30 am	Coffee in the Exhibit Hall	Elite Hall
8:00 am – 9:00 am	**Concurrent Roundtables**	Strand 11, 12, 13
9:00 am – 9:30 am	Break in the Exhibit Hall	Elite Hall
9:30 am – 11:00 am	**Concurrent Sessions**	Empire AB, CD
11:00 am – 12:30 pm	Lunch provided in the Exhibit Hall	Elite Hall
12:30 pm – 1:30 pm	**Concurrent Roundtables**	Strand 11, 12, 13
1:30 pm – 2:00 pm	Break in the Exhibit Hall	Elite Hall
2:00 pm – 3:30 pm	**Concurrent Sessions**	Empire AB, CD
3:30 pm – 4:00 pm	Raffle drawing in the Exhibit Hall	Elite Hall
4:00 pm – 5:00 pm	**APHL Newborn Screening Awards Ceremony**	Empire AB
6:00 pm – 10:00 pm	Off-site Social – *Sponsored by Revvity, Inc.*	

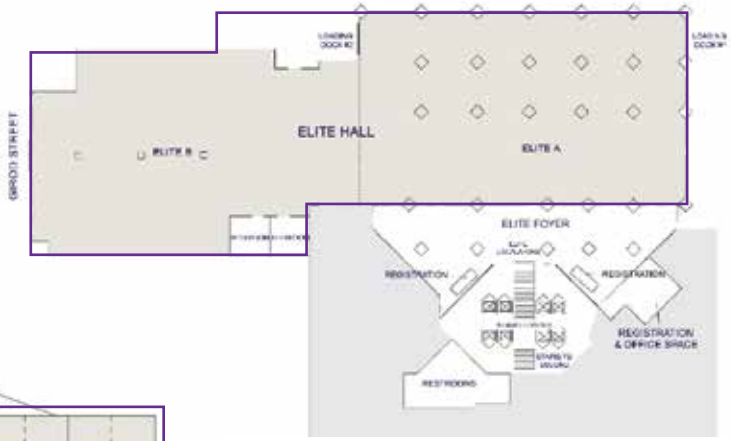
Thursday, October 15

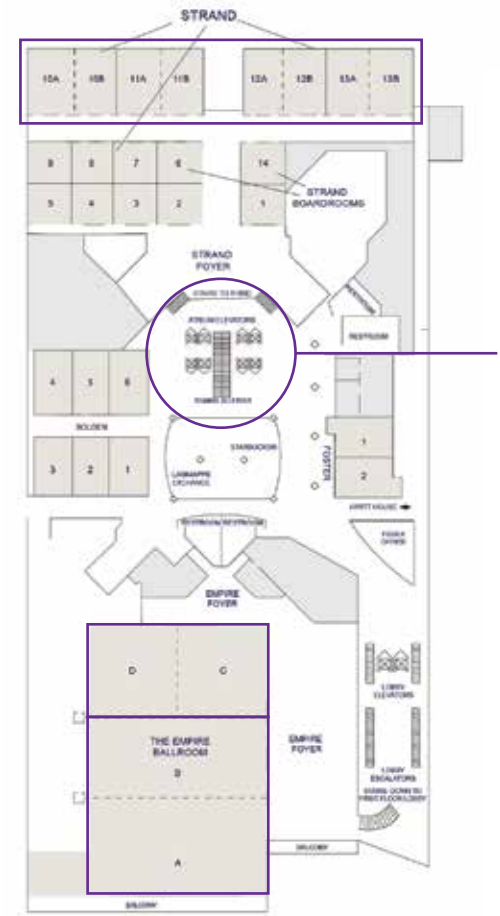
8:30 am – 12:30 pm	**Registration Open**	Empire Foyer
8:30 am – 10:00 am	Coffee in the Empire Foyer	Empire Foyer
9:00 am – 10:30 am	**Concurrent Sessions**	Empire AB, CD
10:30 am – 11:00 am	Coffee Break in the Empire Foyer	Empire Foyer
11:00 am – 12:30 pm	**Plenary Session**	Empire AB
12:30 pm	**Closing and Adjournment**	Empire AB
12:45 pm – 5:30 pm	**Tour of the Louisiana Office of Public Health**	

MEETING LOCATION MAPS

Level 1 | Elite Hall | Exhibit Hall

Exhibits and Posters • Family Living Room
Community Service Activities • APHL Bark Park





Level 2 | Strand Rooms

Innovate! Sessions
Roundtables
Speaker Ready Room
Quiet Room

Level 2 | Elevators/Stairs down to Exhibit Hall, Level 1

Level 2 | Empire Ballroom

Registration
Plenary Sessions
Concurrent Sessions

WELCOME TO NEW ORLEANS!

Welcome to the 2026 APHL Newborn Screening Symposium!

On behalf of the Newborn Screening (NBS) Symposium Planning Committee, welcome to the 2026 APHL NBS Symposium! We are elated to come together with the pioneers, advocates, trailblazers and thought leaders of NBS in the vibrant and culturally rich city of New Orleans.

Our Symposium begins with hearing from the heart and soul of its community: the families impacted by NBS. Newborn Screening Stories and Treatment Journeys will share three individual experiences navigating the NBS system and will offer inspiration and excitement for the week ahead. Directly after, join the Welcome Reception to continue the conversation in the Living Room, meet with our fantastic exhibitors and chat with poster presenters.

Monday's sessions will explore new frontiers in NBS and welcome this year's keynote speaker, Dr. Hans C. Andersson, Director of the Hayward Genetics Center at Tulane University School of Medicine. Make sure to attend the Rapid Poster Session and the Digital Poster Session to learn about new and exciting advancements in the field of NBS. The day concludes with Ignite the Night! and two social hours.

Tuesday starts with three concurrent roundtables (good luck choosing which one to attend!) followed by concurrent sessions covering molecular technology and follow-up workflows. Dive into another Digital Poster Session or get creative during a community service activity in the Exhibit Hall. There will also be various Innovate! Sessions to attend throughout the afternoon—there is something for everyone. The afternoon wraps with concurrent sessions on quality control and assurance and supporting long-term care. After learning so much, the day concludes with a Health and Human Services (HHS) Town Hall.

Wednesday sees concurrent roundtables in the morning and afternoon. Be sure to visit the exhibitors and complete the mobile app Scavenger Hunt to enter the exhibit hall prize raffle (you might even run into some furry friends!). Concurrent sessions offer topics on integrating modern technology systems, whole genome sequencing and building partnerships within the NBS system. The day concludes with the NBS Awards Ceremony honoring spectacular members of our community. Continue the celebration at the Off-site Social!

As the week wraps up, Thursday does not disappoint with sessions on advancing communication in NBS, system innovations and emerging initiatives and implementing sequencing within NBS public health programs. If your travel allows, join the Louisiana Office of Public Health Lab Tour in Baton Rouge.

While you are here for the Symposium, we hope you take the time to experience the legendary charm, rich history and vibrant energy of the Crescent City. For a taste of the city's world-famous heritage, you can take a short streetcar ride to the historic French Quarter where you can explore Jackson Square, listen to live jazz on Bourbon Street and enjoy fresh beignets at Café du Monde.

We are so excited to share this inspiring week of connection, learning and growth with you. Welcome to New Orleans: Laissez les bons temps rouler!

Alyson Saadi, MNS, MB(ASCP)
Assistant Laboratory Director – Clinical

Louisiana Office of Public Health Laboratory
Chair, 2026 APHL Newborn Screening Symposium Planning Committee

Association of Public Health Laboratories

Vision: **A healthier world through quality laboratory systems.**

Mission: **Shape national and global health outcomes by promoting the value and contributions of public health laboratories and continuously improving the public health laboratory system and practice.**

The Association of Public Health Laboratories (APHL) is a non-profit 501(c)(3) organization representing state and local laboratories in the United States that serve the public's health by monitoring and detecting health threats to protect Americans. Our core members are laboratories—public health, environmental, agricultural science, chemical and food safety laboratories—known collectively as "public health laboratories." Our network includes over 130 member laboratories, 50 corporate partner organizations and 1,600 individuals. Representatives from federal agencies, nonprofit organizations, corporations and interested individuals also participate in the association.

APHL is a National Leader In:

- Scientific Expertise
- Education and Training
- Health Policy
- Informatics
- Quality Assurance
- Workforce Development
- Laboratory Systems
- Global Laboratory Capacity

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Newborn Screening Symposium 2026 Planning Committee

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Adrienne Savant, MD, Tulane University School Medicine

Susan Tanksley, PhD, Texas Department of State Health Services

Twaina Williams, Family Advocate

GENERAL INFORMATION

Meeting Location and Headquarters Hotel

Conference sessions and events:
Hyatt Regency New Orleans

Headquarters hotel:
Hyatt Regency New Orleans
601 Loyola Avenue
New Orleans, LA 70113

Registration Desk Hours

Sunday, October 11	1:00 pm – 5:00 pm
Monday, October 12	7:30 am – 4:00 pm
Tuesday, October 13	7:30 am – 5:00 pm
Wednesday, October 14	7:30 am – 4:00 pm
Thursday, October 15	8:30 am – 12:30 pm

Lactation Room Available

A Mothering Room is located on level 4 near Reliance 4. Please visit the registration desk for more information.

Quiet Room Available

Step away from the busy symposium atmosphere and retreat to our Quiet Room. This room will be available throughout the symposium in Strand 9.

Consent to Use Photographic Images

Registration and attendance at or participation in APHL conferences and other activities constitutes an agreement by the registrant to APHL's use and distribution (both now and in the future) of the registrant's or attendee's image or voice, without compensation, in photographs, video and audio recordings of such events and activities.

Complimentary Wireless Internet

There is complimentary wireless internet in the public areas.
Network: **@Hyatt_Meeting**
Password: **Newborn26**

Enhance Your Experience with the Mobile App

Available in your app store! Search for "APHL Conferences" in your app store to download.

Access details on sessions, posters, exhibitors and continuing education information before the symposium and onsite; navigate the convention center; personalize your experience by tagging sessions, exhibitors and creating exportable notes. Receive alerts, reminders and changes in real time.

Download the Mobile App

Available in your app store! Search for "APHL Conferences" in your app store to download; within the app, you'll find the NBS 2026 event. *You must log in with a **username and password** emailed to each registrant from APHL in the week before the conference.*

Access details on sessions, speakers, posters and exhibitors before the conference and onsite; navigate the meeting space; personalize your experience by tagging sessions, exhibitors and creating exportable notes. Receive alerts, reminders and changes in real time. Session evaluations can be completed in the app in order to receive P.A.C.E.® credit.

Continuing Education Credits

APHL Audience

This intermediate-level symposium, intended for newborn screening and genetics laboratory professionals, follow-up program personnel, genetic counselors, public health nurses, specialists, clinicians, health care practitioners, students, advocacy organizations and individuals with lived experiences will further educate attendees about state, national and international newborn screening, genetic testing and policy issues important to public health newborn screening systems.

P.A.C.E.® Continuing Education Credit

APHL is an approved provider of continuing education programs in the clinical laboratory sciences through the American Society of Clinical Laboratory Science (ASCLS) P.A.C.E.® program. Attendees may earn up to 14.5 P.A.C.E.® credits by attending the entire symposium. Please refer to the symposium app and website for more information.

Continuing Medical Education (CME), Continuing Nursing Education (CNE), Continuing Education Contact Hours (CECH) in Health Education (CHES) and Continuing Education Units (CEUs) for Genetic Counselors

CME, CNE, CHES and Genetic Counseling CEUs will be provided. Attendees may earn up to 16 credits by attending the entire symposium. Please refer to the symposium app and website for more information.

Not-to-Miss Events

All times are US Central Daylight Time (CT).

Newborn Screening Stories and Treatment Journeys: Perspectives from Individuals with Lived Experiences

Sunday, October 11 | 3:30 pm – 5:00 pm

Hear powerful firsthand stories that illustrate the impact of newborn screening on individuals and families. Through their experiences, attendees will gain a deeper understanding of the importance of early detection, timely care, advocacy and strong support systems in improving outcomes.

Welcome Reception

Sunday, October 11 | 5:00 pm – 6:30 pm

Let loose and reunite with old friends or meet up with new colleagues. Visit with our industry partners over drinks and hors d'oeuvres and continue the conversation with our panel speakers in The Living Room.

Visit with Printed Poster Authors

Sunday, October 11 | 5:30 pm – 6:00 pm

Tuesday, October 13 | 12:30 pm – 1:00 pm

Visit the Poster Hall and talk with poster authors who will be standing by their print posters.

Visit with Digital Poster Authors

Monday, October 12 | 2:00 pm – 3:00 pm

Tuesday, October 13 | 11:00 am – 12:00 pm

Visit the Poster Hall and talk with poster authors who will be standing by their digital poster screen.

Visit "The Living Room"

Join us in this cozy and relaxed area located just inside the exhibit hall to chat, connect and share resources with newborn screening advocates and individuals with lived experiences. *Seating kindly reserved for family members*.

Participate in a Community Service Activity

Make and Pack Art Supplies for Young Audiences of Louisiana

Tuesday, October 13 | 12:00 pm – 1:30 pm

Join us in the Exhibit Hall for a community service activity to support Young Audiences of Louisiana. Help support their mission to inspire, empower and unite children through education, arts, and culture by packing bags of art supplies.

Save Your Tabs!

That little pop tab can make a difference! Help us support the Ronald McDonald House of New Orleans by donating your aluminum pop tabs. Look for collection containers in the Exhibit Hall.

Visit the APHL Bark Park!

Wednesday, October 14 | 11:00 am – 12:30 pm

Take Paws Rescue is a foster-based, non-profit rescue group based out of New Orleans, LA. They will have a Bark Park set up in the Exhibit Hall where you will be able to meet some furry friends looking for their forever homes!

Innovate! Sessions

Monday, October 12 | 3:00 pm – 3:45 pm

Tuesday, October 13 | 12:00 pm – 12:30 pm, 1:00 pm – 1:30pm, 2:00 pm – 2:45 pm

Connect with your industry partners and learn of new technologies and services.

APHL Newborn Screening Awards Ceremony

Wednesday, October 13 | 4:00 pm – 5:00 pm

Applaud your colleagues and celebrate their achievements.

Ignite the Night!

Monday, October 12 | 4:15 pm – 5:15 pm

Grab a bag of popcorn and hear from an array of fast-paced presentations from your newborn screening colleagues!

Thank You to Our Generous Sponsors!

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AGENDA OF EVENTS

All times are US Central Daylight Time (CT).

For the most up-to-date information on presentations, speakers and posters, as well as full descriptions and abstracts, please reference the conference app.

Conference App

Sunday, October 11

1:00 pm – 5:00 pm **Registration** Empire Foyer

3:00 pm – 3:30 pm **Welcome Address** Empire AB

Presenters:

- Alyson Saadi, MNS, MB(ASCP), Louisiana Department of Health
- Scott Becker, MS, Association of Public Health Laboratories
- Sharon Massingale, PhD, HCLD/CC(ABB), Alabama Department of Public Health, Bureau of Clinical Laboratories
- Jelili Ojodu, MPH, Association of Public Health Laboratories

Welcome to the 2026 APHL Newborn Screening Symposium!

3:30 pm – 5:00 pm Empire AB

Newborn Screening Stories and Treatment Journeys: Perspectives from Individuals with Lived Experiences

P.A.C.E.: 000-863-26

0 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:

- Twaina Williams, Family Advocate
- Marbely Barahona, Louisiana Department of Health

Speakers:

- Shelby Toups
- Chadd Williams
- Daniel Cressy

Hear powerful firsthand stories that illustrate the impact of newborn screening on individuals and families. Through their experiences, attendees will gain a deeper understanding of the importance of early detection, timely care, advocacy and strong support systems in improving outcomes.

After completing the session, the participant will be able to:

- Describe the lived experiences of individuals impacted by newborn screening
- Recognize the importance of timely intervention in improving outcomes
- Identify ways newborn screening programs can better support patients and families

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5:00 pm – 6:30 pm **Welcome Reception** Elite Hall

Visit the exhibits and posters and continue the conversation with our lived experiences panelists in The Living Room, located near the Exhibit Hall entrance.

5:30 pm – 6:00 pm **Poster authors P-1 to P-50 available to discuss their posters** Elite Hall

Monday, October 12

7:30 am – 4:30 pm **Registration** Empire Foyer

7:30 am – 4:30 pm **Exhibit and Poster Hall Open** Elite Hall

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7:30 am – 9:00 am **Coffee in Exhibit and Poster Hall** Elite Hall

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8:00 am – 9:30 am Empire AB

New Frontiers in Newborn Screening

P.A.C.E.: 588-841-26

1.5 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:

- Denise Kay, PhD, New York State Department of Health
- Emily Reeves, BSN, RN, CMP, Florida Newborn Screening Follow-up Program

First-tier Newborn Screening of Over 70 Biomarkers by 2-min LC-MS/MS

- Samantha Isenberg, PhD, US Centers for Disease Control and Prevention

Universal Newborn Screening for Metachromatic Leukodystrophy in New York State

- Jing Xiao, PhD, FACMG, New York State Department of Health

Early Duchene Muscular Dystrophy Screening Experience in Massachusetts

- Jaime Hale, MS, New England Newborn Screening Program

When the Follow-up List is Long, but the Diagnosis List Isn't: Minnesota's Experience Screening for Duchenne Muscular Dystrophy

- Sondra Rosendahl, MS, LCGC, Minnesota Department of Health

Critical Congenital Heart Disease Screening Outcomes in Michigan Using Linked Newborn Screening and Birth Defects Registry Data

- Amy Rakowski, MS, Michigan Department of Health and Human Services

This session highlights recent advances in newborn screening, focusing on innovative technologies, expanded screening panels and strategies to improve screening accuracy and follow-up. Presentations will showcase the implementation of screening for newly added conditions, the use of multi-tiered and molecular testing approaches, and the integration of clinical data to optimize screening performance and support earlier diagnosis.

After completing the session, the participant will be able to:

- Summarize the application of LC-MS/MS to first-tier newborn screening for biochemical analytes
- Identify the impact of pseudodeficiency variants in the newborn screening of MLD
- Summarize the early DMD screening experience using a two-tier screening algorithm
- Identify key factors that contribute to both false positive and false negative screening results
- Recognize how linking newborn screening data with the Birth Defects Registry enhances understanding of CCHD detection

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9:30 am – 10:15 am **Coffee in Exhibit and Poster Hall** Elite Hall

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10:15 am – 10:30 am **Rapid Posters Session** Empire AB

See page 14 for session details.

Rapid Poster Presentations

Monday, October 12, 10:15 am – 10:30 am

This session will include short presentations of the following posters.

Full posters may be viewed in-person and digitally in the Exhibit Hall during exhibit hall hours on Sunday, October 11 – Wednesday, October 14 and on the mobile app and website during the entire symposium.

P-93:

Parent Feedback on Iowa's Telephone Genetic Counseling Service for Hemoglobin Traits and Diseases Identified by Newborn Screening

Presenter: Georgianne Younger, MS, LCGC, University of Iowa Carver College of Medicine, georgianne-younger@uiowa.edu

P-224:

When Newborn Screening Isn't Straightforward: The Impact of Meconium Ileus, Prematurity, and NICU Stay on Cystic Fibrosis Diagnosis Across Two Sites

Presenter: Alexandra Pottorff, UT Southwestern Medical Center; Peter O'Donnell Jr. School of Public Health, Alexandra.Pottorff@UTSouthwestern.edu

P-222:

Advancing Multiplex PCR for Newborn Screening: SCID/SMA Detection by Multiplex qPCR and SMN1/SMN2 Copy Number Analysis by Multiplex digital PCR

Presenter: Junko Stevens, Thermo Fisher Scientific, Junko.Stevens@thermofisher.com

P-1:

Using MALDI-TOF Mass Spectrometry for Detection of ACMG 100+ CFTR Variants

Presenter: Jason Kazmierczak, Agena Bioscience, Jason.Kazmierczak@agenabio.com

P-14:

From RUSP Addition to Readiness: Establishing a Quality Assurance Framework for MLD Newborn Screening

Presenter: Elya Courtney, Centers for Disease Control and Prevention, pli3@cdc.gov

P-3:

Analytical Validation of the SMN1/SMN2 Copy Number Determination Kits for Spinal Muscular Atrophy on an All-in-one Integrated QX700™ Droplet Digital Platform

Presenter: Nish Kumar, Bio-Rad Laboratories, Inc., nish_kumar@bio-rad.com

10:30 am – 11:45 am Keynote Session Empire AB

P.A.C.E.: 588-842-26

1.0 contact hour • 1 genetic counseling credit • 1 CME, CNE and CHES credit

Moderator:

- Susan Tanksley, PhD, Texas Department of State Health Services

Welcome from the Louisiana Department of Health

- Tonya Joiner, Assistant Secretary, Office of Public Health

From Crisis to Continuity: Lessons in Newborn Screening Resilience and Emergency Response

- Hans C. Andersson, MD, FACMG, Director, Hayward Genetics Center, Tulane University Medical Center

This keynote session will explore the critical role of resilience, preparedness and leadership in sustaining newborn screening and genetic services during times of crisis. Drawing on lessons from Hurricane Katrina and more than 30 years of clinical genetics experience in Louisiana, Dr. Hans C. Andersson will share a firsthand perspective on maintaining continuity of care, strengthening emergency planning and building more resilient public health systems. The session will examine evolving challenges facing newborn screening, including extreme weather events, cybersecurity threats and the growing genetic workforce shortage. Through historical reflection and forward-looking discussion, attendees will gain insights into strategies to prepare, adapt and sustain essential newborn screening services in an increasingly complex environment.

After completing the session, the participant will be able to:

- Describe key lessons learned from emergency response efforts
- Identify current and emerging threats to newborn screening infrastructure
- Discuss the importance of workforce development in strengthening access to genetic services

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11:45 am – 2:00 pm Lunch (on your own)

1:30 pm – 3:00 pm Refreshments in Exhibit and Poster Hall Elite Hall

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2:00 pm – 3:00 pm Digital Posters Session #1 Elite Hall

Visit the digital poster screens in the Exhibit Hall where poster presenters will discuss their posters on the screen and answer questions.

See page 56 for session details.

3:00 pm – 3:45 pm Concurrent Innovate! Sessions

Strand 10 Primary.Health
Strand 11 Waters Advanced Diagnostics

See page 17 for session details.

3:45 pm – 4:00 pm Break — Visit the exhibitors and posters

Elite Hall

4:15 pm – 5:15 pm Ignite the Night!

Empire AB

Moderator: LaPortia Barrows, RN, BSN, Maryland Department of Health

Policies, Programs & Parents: Newborn Screening Refusal Rates

- Gianna D'Apolito, California Department of Health

Thamus, Eucrates's Pestle, Hannibal Lecter MD, and Generative AI in Newborn Screening

- Steven Brenner, PhD, University of California, Berkeley

CLSI - Annual Update

- Ralph Fingerhut, PhD, FAMH, EuSpLM, Synlab MVZ Weiden

Tiny Steps: My Journey Through the NICU

- Esther O'Hare, RNC, FNP-BC, East Tennessee Children's Hospital

New Crew, Who Dis?

- Rachel Lee, PhD, US Centers for Disease Control and Prevention

Two Programs, One Goal: How the Public Health Laboratory Fellowship and Internship Program Boosts the Newborn Screening Workforce

- Cherie Estrada, MA, CHES, Association of Public Health Laboratories
- Emily Writer, MEd, Association of Public Health Laboratories
- Mariane Wolfe, MS, MLS (ASCP)CM, Association of Public Health Laboratories

Sunshine Genetics: gNBS in Florida as a Model for the US

- David H. Ledbetter, PhD, FACMG, Florida Institute for Pediatric Rare Diseases, Florida State University College of Medicine

Newborn Screening QA/QC Interferant List

- Inderneel Sahai, MD, New England Newborn Screening Program

Innovate! Sessions

Monday, October 12

3:00 pm – 3:45 pm

One Baby, One Record: Uniting Laboratory and Follow-up Across the Newborn Screening Lifecycle Strand 10

Primary.Health | *Corporate Colleague Sustaining Member*

Presenters:

- Jack Hysell, Primary.Health
- Lizzie VanSword, MS, MLS (ASCP)cm, Clinisys
- Bonny Lewis Van, PhD, FADLM, HCLD(ABB), J Michael Consulting, LLC

Newborn screening runs from the birth facility to the laboratory to the follow-up team, yet the systems supporting that chain have often operated in isolation. Serving the baby well means designing for the baby from the first data point.

This session presents an emerging collaborative design uniting three areas of expertise: laboratory information management, integration and data exchange and newborn screening case management and follow-up. Rather than stretching one platform to do everything, each does what it does best, bound into one solution with a unified system of record and a single login. The presenters share the boundary principle at its heart: the laboratory owns the specimen, and the follow-up team owns the case, across bloodspot, CCHD and hearing screening.

The session also frames procurement as an opportunity, with lessons on how vendor-neutral requirements open the door to best-of-breed partnerships and closes with 10 to 15 minutes of open discussion.

Adapting Enzyme Activity Methods Across LC-MS/MS Instruments Strand 11

Waters Advanced Diagnostics | *Gold Level Sustaining Member*

Presenter:

- Zackary (Ari) M. Herbst, Enfanos

Explore practical strategies for successfully adapting enzyme activity methods across different LC-MS/MS platforms. This session will discuss key considerations for method transfer, optimization, and performance evaluation, including instrument-specific parameters that can impact sensitivity, selectivity, and robustness. Attendees will gain insights into approaches for maintaining consistent, reliable results when transitioning established enzyme activity methods to new LC-MS/MS instrumentation, helping laboratories expand analytical capabilities while supporting efficient and reproducible workflows.

Expanding the Newborn Screening and Genetics Workforce Pipeline Through Outreach Resources

- Mya Bledsoe, Association of Public Health Laboratories

Soothing the Soul While Working and COVID and Embracing Retirement

- Michele Caggana, ScD, FACMG, New York State Department of Health, retired

First and Second Tier Hemoglobinopathy Operating in Complementary Dynamics

- Michelle Mills, MS, CLSSBB, Kansas Department of Health and Environment

APHL — 75th Anniversary

- Ralph Fingerhut, PhD, FAMH, EuSpLM, Synlab MVZ Weiden

5:15 pm – 5:30 pm Break

5:30 pm – 7:00 pm

The Carol Johnson Follow-up and Family Social Hour Strand 12

Newborn Screening Laboratory Social Hour Strand 13

Whether you're a seasoned socialite or just looking to meet new people, these mixers promise opportunities to make connections, share unique challenges and achievements and unwind in a fun space. Hors d'oeuvres and cash bar will be provided!

Tuesday, October 13

7:30 am – 5:00 pm	**Registration**	Empire Foyer
7:30 am – 3:30 pm	**Exhibit and Poster Hall Open**	Elite Hall
7:30 am – 9:30 am	**Coffee in Exhibit and Poster Hall**	Elite Hall

8:00 am – 9:00 am Concurrent Roundtables

MLD as a Case Study in the Future of Newborn Screening Expansion: Policy, Coordination and Implementation Challenges Strand 11

P.A.C.E.: 588-843-26

1 contact hour • 1 genetic counseling CEU • 1 CME, CNE and CHES credit

Speaker:

- Amy Gaviglio, MS, CGC, Connetics Consulting/APHL/CDC

This roundtable will use metachromatic leukodystrophy (MLD) as a case study to explore the evolving landscape of newborn screening. Participants will discuss the transition from evidence generation and national recommendation to real-world implementation, including state readiness, laboratory and workforce capacity, collaboration models, policy considerations and lessons learned. Speakers will foster dialogue on building sustainable, equitable systems to support future newborn screening advancements.

After completing the session, the participant will be able to:

- Describe the federal pathway that led to MLD's addition to the RUSP
- Summarize key findings from global MLD pilot studies and early state implementation efforts
- Identify strategies that newborn screening programs can apply to support sustainable expansion of state screening panels

Assessing Family Outcomes After Newborn Screening: Results from a Pilot Test of a New Measure Strand 12

P.A.C.E.: 588-844-26

1 contact hour • 1 genetic counseling CEU • 1 CME, CNE and CHES credit

Speaker:

- Melissa Raspa, PhD, RTI International

This roundtable will explore the development and pilot testing of a new measurement tool designed to capture eight key family outcomes associated with

newborn screening, including understanding and managing a child's condition, accessing care and resources, advocacy, family functioning, social support and individual well-being. Discussion will focus on how measuring family outcomes can enhance program improvement, quality monitoring and a more comprehensive understanding of the benefits and challenges of newborn screening.

After completing the session, the participant will be able to:

- Describe eight recommended family outcomes after newborn screening
- Determine for which outcomes families have higher versus lower scores
- Discuss how measuring family outcomes can be used to improve newborn screening programs

From False Negatives to Better Detection: A National Roadmap for Improving HCU Screening Strand 13

P.A.C.E.: 588-845-26

1 contact hour • 1 genetic counseling CEU • 1 CME, CNE and CHES credit

Speakers:

- Shawn Moloney, MPH, MLS(ASCP), Michigan Department of Health and Human Services
- Kostas Petritis, PhD, US Centers for Disease Control and Prevention

This roundtable will explore strategies to improve newborn screening for homocystinuria (HCU) through practical, evidence-informed approaches to increase detection and reduce missed diagnoses. Experts from the US Centers for Disease Control and Prevention and state newborn screening programs will discuss lowering methionine cutoffs, incorporating methionine-to-phenylalanine (MET:PHE) ratio analysis and utilizing second-tier total homocysteine testing. Speakers will also address implementation considerations, laboratory challenges and opportunities for collaboration across programs.

After completing the session, the participant will be able to:

- Assess practical approaches public health laboratories can consider to improve HCU newborn screening sensitivity
- Compare the operational impacts associated with lower methionine cutoffs
- Discuss emerging state laboratory initiatives related to HCU screening optimization efforts

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9:00 am – 9:30 am **Break — Visit the exhibitors and posters** Elite Hall

9:30 am – 11:00 am Concurrent Sessions Empire AB

Enhancing Short-term Follow-up Workflows in Newborn Screening

P.A.C.E.: 588-846-26

1.5 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:

- Breònna Preston, MPH, CHES, California Newborn Screening Program
- Virginia Sack, MS, CGC, New York State Department of Health

One Baby, One System: Strengthening Newborn Screening Through DBS and EHDI Collaboration

- Fran Altmaier, Arizona Department of Health Services

Addressing Uncertainty in Newborn Screening Follow-up for Mucopolysaccharidosis I and II Through Risk-stratified Clinical Frameworks and Disease Monitoring Guidelines

- Kristin Clinard, MS, CGC, Muenzer MPS Center, UNC Chapel Hill

From Detection to Intervention: Developing Efficient Follow-up Workflows in Newborn Screening

- Fran Altmaier, Arizona Department of Health Services

What Turnover Revealed About Our Follow-up System: Lessons from Restructuring Newborn Screening Operations

- Drew Duncan, MA, Kansas Department of Health and Environment

This session focuses on strengthening newborn screening follow-up through improved collaboration, risk-based decision-making and operational innovation. Presentations will explore integration of newborn screening and hearing follow-up systems, development of frameworks to guide complex diagnoses, and practical strategies for creating standardized workflows that improve communication, coordination and timely intervention. These approaches highlight the importance of family-centered care, data integration and sustainable program structures to ensure effective follow-up and better outcomes for infants identified through newborn screening.

After completing the session, the participant will be able to:

- Apply workflow design principles to develop a standardized, efficient newborn screening follow-up process
- Identify the diagnostic challenges that arise from newborn screening for MPS I and II
- Compare the follow-up processes used in dried blood spot and Early Hearing Detection and Intervention programs
- Describe strategies to improve newborn screening follow-up

Molecular Technology in Newborn Screening: From Genetics to Reactomics

Empire CD

P.A.C.E.: 588-847-26

1.5 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:

- George Dizikes, PhD, HCLD/CC(ABB), Laboratory Quality Assurance, LLC
- Michele Caggana, ScD, FACMG, New York State Department of Health, retired

Design and Assessment of a Targeted Gene Sequencing Panel for Newborn Screening

- Travis Henry, PhD, Association of Public Health Laboratories

Cystic Fibrosis Genotyping Panels — Expanding Diversity

- Denise Kay, PhD, New York State Department of Health

Multiplex Enzymatic Profiling from Dried Blood Spot: Validation of a Scalable Reactomics Platform

- Raquel Yahyaoui, MD, PhD, Malaga Regional University Hospital

Mutational Analysis of HBA1, HBA2 and HBB in Hemoglobinopathy Screened-positive Neonates Using digitalMLPA EZtec in the Philippines

- Terence Diane Fabella, MsC, Amsterdam University Medical Center

MLPA for Second-tier Detection of Duchene Muscular Dystrophy Deletions and Duplications Following CK-MM Newborn Screening

- Binod Kumar, PhD, UMASS Chan Medical School

This session highlights emerging technologies that are advancing newborn screening through expanded molecular testing. Presentations explore the implementation of targeted next-generation sequencing panels, second-tier molecular assays for disorders such as cystic fibrosis and Duchenne muscular dystrophy, novel enzyme activity profiling and DNA-based confirmation of hemoglobinopathies. Speakers will demonstrate how innovative laboratory approaches can improve screening accuracy, reduce false positives, enhance equity across diverse populations and support the continued expansion of newborn screening.

After completing the session, the participant will be able to:

- Discuss the technical considerations for development of a targeted DNA sequencing panel for newborn screening
- Recognize the impact of increasing panel size on panel sensitivity
- Describe the principles of reactomics
- Discuss the advantages of using digitalMLPA EZtec in confirmatory testing for hemoglobinopathies in newborn screening
- Explain the role of MLPA as a second-tier assay following CK-MM newborn screening for Duchenne muscular dystrophy

11:00 am – 12:00 pm **Digital Posters Session #2** Elite Hall

Visit the digital poster screens in the Exhibit Hall where poster presenters will discuss their posters on the screen and answer questions.

See page 56 for session details.

12:00 pm – 12:30 pm **Innovate! Session**

Strand 10 LabVantage Solutions, Inc.

See page 24 for session details.

12:00 pm – 1:30 pm **Lunch provided in the Exhibit Hall — Visit exhibitors and posters** Elite Hall

Community Service Activity with Young Audiences of Louisiana

Join Young Audiences of Louisiana for a hands-on hour of creative prep! Volunteers will assemble fun "Make & Take" art giveaways for upcoming community events and build "Take & Make" project kits for students celebrating Lights On Afterschool. Help us bring the joy of art directly to Louisiana kids!

If you would like to donate to Young Audiences of Louisiana, please scan the QR code:

12:30 pm – 1:00 pm **Poster authors P-51 to P-100 available to discuss their posters** Elite Hall

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1:00 pm – 1:30 pm **Concurrent Innovate! Sessions**

Strand 10 Sebia, Inc.

Strand 11 Sumitomo Pharma America

See pages 24–25 for session details.

Innovate! Sessions

Tuesday, October 13

12:00 pm – 12:30 pm

Modernizing Newborn Screening: A Lab Informatics Roundtable — Strand 10

LabVantage Solutions, Inc. | *Gold Level Sustaining Member*

Presenter:

- Katherine H. Temple, LabVantage Solutions, Inc.

Every newborn screening laboratory has a story about its informatics system: the report that takes six clicks, the interface that freezes every afternoon, or the fields still tracked in Excel. This facilitated conversation is an opportunity to share what is—and is not—working in your lab.

This is a discussion, not a presentation. No products or commercial content will be discussed. Lab directors, newborn screening program directors, IT staff, laboratory scientists, and technicians—anyone who requests, gathers, reports, or uses data—are invited to share their experiences and describe what they need from their LIMS and informatics systems.

Any pain point across the NBS specimen life cycle is open for discussion, from data entry and HL7 messaging to instrument interfaces, patient management, reporting, and follow-up.

Come compare notes, hear how peers are addressing similar challenges, and bring your most persistent workaround—you probably will not be alone.

1:00 pm – 1:30 pm

From HPLC to CE: Real-world Experience from Kentucky's Newborn Screening Laboratory — Strand 10

Sebia, Inc. | *Silver Level Sustaining Member*

Presenters:

- Matthew C. Wagner, Ph.D. Sebia, Inc.
- Phillip Nichols, DO, Kentucky Department for Public Health, Division of Laboratory Services Newborn Screening

Capillary Electrophoresis (CE) is increasingly being adopted in newborn screening programs for hemoglobinopathy testing. This session will begin with an overview of CE technology and how it compares to traditional HPLC methods. Attendees will then hear firsthand from a newborn screening laboratory that successfully transitioned from HPLC to CE. The speaker will share their implementation experience, lessons learned and the impact on their screening program, including key workflow, performance and operational considerations. Selected case examples will also be presented, illustrating changes in result evaluation and interpretation. The session will provide practical insights for laboratories evaluating current and future approaches to hemoglobinopathy testing.

Identifying Congenital Athymia (CA) vs Severe Combined Immunodeficiency (SCID)

Strand 11

Sumitomo Pharma America

Presenter:

- Holly K. Miller, D.O., Phoenix Children's Hospital

This unbranded, disease-state educational presentation will provide healthcare professionals involved in newborn screening and follow-up with a practical overview of the key differences between severe combined immunodeficiency (SCID) and congenital athymia (CA).

While current newborn screening programs primarily focus on identifying SCID, this session will highlight the importance of considering CA within the differential diagnosis when evaluating infants with abnormal screening results. The presentation will review distinguishing clinical and diagnostic considerations at a high level, with an emphasis on supporting early awareness and appropriate follow-up. The session is intended to help participants better recognize when CA may warrant consideration alongside SCID in the newborn screening pathway.

2:00 pm – 2:45 pm

Elevating Newborn Screening: Performance Advances in Metabolic Disorder Detection

Strand 10

Revvity | *Diamond Level Sustaining Member*

Presenter:

- Hanna Polari, Revvity

The next chapter in our NeoBase story is here, and it's designed with your laboratory's future in mind. In this session, you'll be among the first to:

- Discover how we're expanding the boundaries of what a single screening workflow can achieve
- Explore what broader disorder coverage could mean for the populations you serve
- Ask the questions that matter most to your laboratory

Product under development.

The Making of the Hemoglobin: Genotype and Pool of Available Chains, Gestational Age and Chains Expression, Interactions and Affinities

Strand 11

Bio-Rad Laboratories Inc. | *Diamond Level Sustaining Member*

Presenter:

- Marco Flamini, Bio-Rad Laboratories Inc.

This session will review hemoglobinopathy chromatograms and trying to evaluate the formed hemoglobin fractions in relation to the globin chains expressed in different genotypes.

1:30 pm – 2:00 pm	**Break — Visit the exhibitors and posters**	Elite Hall

2:00 pm – 2:45 pm	**Concurrent Innovate! Sessions**
Strand 10	Revvity
Strand 11	Bio-Rad Laboratories Inc.

See page 25 for session details.

2:45 pm – 3:15 pm	**Refreshments in the Exhibit and Poster Hall**	Elite Hall

3:15 pm – 4:45 pm **Concurrent Sessions**

Supporting Patients and Families Beyond Diagnosis: Long-term Care with Lasting Impact

Empire AB

P.A.C.E.: 588-848-26

1.5 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:

- Marianna Raia, MS, CGC, Expecting Health
- Amanda Ingram, RN, Tennessee Department of Health

Beyond Diagnosis: Establishing Long-term Follow-up in Washington State

- Anna Howard, MPH, Washington State Department of Health

A Model for Determining Disorder-specific Data Elements for Long-term Follow-up

- Jennifer Smith, MSN, RN, CNL, Tennessee Department of Health

From Screening to Staying Seen: Transforming Long-term Follow-up in Colorado and Wyoming

- Lauren Barringer, DPT, MPH, University of Colorado, Denver, Center for Public Health Innovation

Long-term Follow-up of Asymptomatic Congenital Cytomegalovirus (cCMV) Newborn Screen Positive Babies

- Virginia Sack, MS, CGC, New York State Department of Health

Long-term Follow-up Pilot Program in North Carolina

- Caitlyn Kandel, MS, MPH, CGC, North Carolina Department of Health and Human Services

This session highlights state and regional efforts to develop scalable long-term follow-up (LTFU) systems. Discussion will focus on standardized data collection, clinical partnerships, electronic health record integration, dashboards for tracking outcomes, and strategies to identify and re-engage patients lost to follow-up. Presentations also demonstrate how LTFU data can inform quality improvement, evaluate the impact of newborn screening programs, and guide long-term care for conditions such as cCMV, cystic fibrosis, sickle cell disease and other screened disorders.

After completing the session, the participant will be able to:

- Discuss the key steps involved in developing a LTFU program within a state newborn screening system
- Describe a model used to determine disorder-specific data elements for LTFU
- Contrast LTFU strategies in two states
- Explain the importance of adherence to cCMV management guidelines
- Recognize barriers to collecting LTFU data

Quality Improvement, Control and Assurance Activities in Newborn Screening

Empire CD

P.A.C.E.: 588-849-26

1.5 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:

- Jasmine Paul, MHS, MLS(ASCP), Louisiana Department of Health
- Kathy Chou, PhD, New York State Department of Health

Proficiency Testing and Quality Control Programs for Gene Sequencing in Newborn Screening: A CDC Pilot for Pompe, X-ALD, MPSI, MPSII and Krabbe Disease

- Christopher Greene, PhD, US Centers for Disease Control and Prevention

Implementing Newborn Screening for Metachromatic Leukodystrophy (MLD) as a Unified Front: Ensuring Harmonization from the Start

- Catherine Balnis, PhD, New York State Department of Health

Pseudodeficiency: What It Is, What It Isn't and Why It Matters

- Amy Gaviglio, MS, CGC, Connetics Consulting/APHL/CDC
- Patricia Hall, PhD, Mayo Clinic

Michigan's Experience with the Neobase Non-Derivatized MSMS Kit (NB2) Using SCIEX Triple Quad 4500 MD System: Lessons Learned and Future Directions

- Heather Wood, MS, Michigan Department of Health and Human Services

Evaluating Guanidinoacetate and the Amino Acids Profiles to Improve Specificity and Algorithms for Guanidinoacetate Methyl Transferase Deficiency

- Inderneel Sahai, MD, New England Newborn Screening Program

This session explores advances in newborn screening that are improving accuracy, quality and consistency across screening programs. Presentations highlight innovations in second-tier molecular testing, quality assurance for sequencing, assay harmonization, screening algorithm optimization and the interpretation of complex molecular findings such as pseudodeficiency. Speakers will demonstrate how collaborative efforts are strengthening the implementation of expanded newborn screening and supporting more reliable, clinically meaningful results.

After completing the session, the participant will be able to:

- Describe key data elements required for participation in the pilot gene sequencing proficiency testing and quality control programs
- Define a "multiple-of-median" cut-off in the context of MLD screening
- Identify the downstream effects of pseudodeficiency identification in newborn screening
- Recognize the challenges of transitioning to a new MS/MS system
- Evaluate the causes of false positives for Guanidinoacetate

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4:45 pm – 5:00 pm Break

5:00 pm – 6:00 pm HHS Town Hall on Newborn Screening

Empire AB

Moderator: Jeffrey P. Brosco, MD, PhD, Health Resources & Services Administration

Speakers:

- Stephanie E. Haridopolos, MD, DABFM, US Department of Health and Human Services
- Thomas J. Engels, Health Resources & Services Administration
- Jeffrey P. Brosco, MD, PhD, Health Resources & Services Administration
- Scott Becker, MS, Association of Public Health Laboratories
- Zhanzhi (Mike) Hu, PhD, Project GUARDIAN

Speakers will discuss an updated approach to addressing rare disease priorities across the newborn screening system and the plan to implement a national newborn screening workgroup. Audience Q&A will follow.

Wednesday, October 14

7:30 am – 4:00 pm	**Registration**	Empire Foyer
7:30 am – 4:00 pm	**Exhibit and Poster Hall Open**	Elite Hall
7:30 am – 9:30 am	**Coffee in Exhibit and Poster Hall**	Elite Hall
8:00 am – 9:00 am	**Concurrent Roundtables**	

Quality Improvement Strategies to Combat a Rise in Unsatisfactory Specimens

Strand 11

P.A.C.E.: 588-850-26

1 contact hour • 1 genetic counseling credit • 1 CME, CNE and CHES credit

Speakers:

- Kathy Chou, PhD, New York State Department of Health
- Holly Winslow, Minnesota Department of Health
- Michelle Mills, MS, CLSSBB, Kansas Department of Health and Environment

This roundtable will discuss quality improvement strategies to reduce unsatisfactory newborn screening specimens by strengthening the pre-analytical collection process at birthing hospitals. Participants will explore challenges related to specimen quality, staff training, data monitoring, communication strategies, and implementation of targeted interventions. The New York State Newborn Screening Program will share lessons learned from its multi-faceted approach, including using report cards, education, site visits and provider engagement. Best practices for improving specimen collection across newborn screening programs will also be shared.

After completing the session, the participant will be able to:

- Identify types of unacceptable specimens due to improper collection
- Explain the possible causes of unacceptable specimens
- Apply quality improvement strategies to mitigate risks in newborn screening

Advancing Long-term Follow-up in Newborn Screening: Evaluation of Process Measures and National Implementation Strategies

Strand 12

P.A.C.E.: 588-851-26

1 contact hour • 1 genetic counseling CEU • 1 CME, CNE and CHES credit

Speaker:

- Noah Sinangil, Association of Public Health Laboratories

This roundtable session will present an update on a national initiative led by the APHL NewSTEPs Long-term Follow-up (LTFU) Workgroup to evaluate LTFU process measures for state and territorial newborn screening programs. Building on early findings from a national feasibility pilot, the roundtable will explore the validity, relevance and feasibility of proposed measures to support standardized data collection and strengthen national monitoring of outcomes after confirmed diagnosis. Through facilitated discussion, participants will examine shared challenges, identify opportunities for collaboration and shape next steps for national implementation of LTFU process measures.

After completing the session, the participant will be able to:

- Summarize the methodology from a national feasibility pilot
- Identify key challenges related to LTFU data collection
- Discuss opportunities to inform future national implementation strategies

Building Effective Family Advisory Groups in Newborn Screening Programs: A Roundtable for Action and Implementation

Strand 13

P.A.C.E.: 588-852-26

1 contact hour • 1 genetic counseling CEU • 1 CME, CNE and CHES credit

Speaker:

- Marianna Raia, MS, CGC, Expecting Health
- Yvonne Kellar-Guenther, PhD, Center for Public Health Innovation

This roundtable will explore strategies for developing and sustaining meaningful family engagement in newborn screening programs. Participants will discuss best practices for establishing family advisory groups, including recruitment, onboarding, compensation, trust-building and integrating lived experience into program decisions. Through peer discussion and shared experiences, attendees will identify practical approaches and actionable strategies to strengthen family partnerships across newborn screening programs.

After completing the session, the participant will be able to:

- Describe key considerations for data sharing to support meaningful family engagement in newborn screening programs
- Identify practical strategies for sustaining family advisory group members
- Create a set of actionable strategies to strengthen family engagement efforts

9:00 am – 9:30 am **Break — Visit the exhibitors and posters** Elite Hall

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9:30 am – 11:00 am **Concurrent Sessions**

Expanding the Horizon of Whole Genome Sequencing: Part One

Empire AB

P.A.C.E.: 588-853-26

1.5 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:

- Shawn Moloney, MPH, MLS(ASCP)^{CM}, Michigan Department of Health and Human Services
- George Dizikes, PhD, HCLD/CC(ABB), Laboratory Quality Assurance, LLC

Implementation Considerations for Genomic Newborn Screening: Perspectives from US Newborn Screening Professionals

- Natalie Zaba, MS, University of Connecticut

Insights of Parental Attitudes of Neonatal Whole Genome Sequencing Through Differing Frameworks and Potential Impacts on Public Health Programs

- Chloe Maffei, MSGC, Case Western Reserve University

The GUARDIAN Expanded Genomic Newborn Screening Study: Pitfalls and Promises to Enhance Conditions Currently Screened

- Brenna Boyd, MS, CGC, Columbia University Irving Medical Center

Genomic Newborn Screening for Hearing Loss in Sunshine Genetics

- Saanchi Shah, PhD, LCGC, MS, MPH, Florida Institute for Pediatric Rare Diseases, FSU College of Medicine

This session explores the opportunities, challenges and implementation considerations of integrating genomic newborn screening into public health programs. Presentations will examine perspectives from newborn screening professionals and families, including around consent, equity, data stewardship and workforce needs. Speakers will highlight approaches for integrating whole genome sequencing with traditional newborn screening to improve detection of conditions such as genetic hearing loss, as well as how to develop frameworks to support responsible, effective and trusted adoption of genomic newborn screening.

After completing the session, the participant will be able to:

- Identify key facilitators to implementing genomic newborn screening
- Evaluate the parental expectations for neonatal whole genome sequencing

- Assess the feasibility of an expanded genomic newborn screening study within a public health newborn screening program
- Assess the gene-condition selection framework of Sunshine Genetics

The Future of Newborn Screening: Integrating Modern Technology Systems to Streamline Innovation

Empire CD

P.A.C.E.: 588-854-26

1.5 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:
- Cheryl Harris, MSW, MPH, Louisiana Department of Health
- Ewa King, PhD, Association of Public Health Laboratories

CDC ED3N Update: Building a Nationally Representative Platform for Data-driven Newborn Screening

- Amy Gaviglio, MS, CGC, Connetics Consulting/APHL/CDC

Implementation of Standardized Electronic Ordering Interfaces for Newborn Screening: Efficiency Gains and Lessons Learned

- Sierra Daniels, State Hygienic Laboratory at the University of Iowa

Advancing Newborn Screening Modernization Through a Scalable ETOR Platform and HIE-Enabled Interoperability in Arkansas

- Jacqueline Reams, Arkansas Department of Health

OpenELIS Newborn Screening Case Management: Building and Improving a Follow-up System Through Collaboration and Innovation

- Alankar Kampoowale, MPH, MCS, University of Iowa

Integrating Fast Healthcare Interoperability Resources (FHIR) Queries to Streamline Follow-up

- John Thompson, PhD, MPH, MPA, Washington State Department of Health

This session highlights efforts to modernize newborn screening through data integration, interoperability and improved digital workflows. Presentations will showcase national and state initiatives that use advanced analytics, electronic ordering, health information exchange, laboratory information systems and FHIR-based solutions. These efforts enhance data quality, streamline follow-up and improve communication among screening programs, healthcare providers and families. Together, these approaches demonstrate how informatics can strengthen the efficiency, connectivity and sustainability of newborn screening systems.

After completing the session, the participant will be able to:

- Describe the current structure of CDC's ED3N platform
- Identity ways standardized electronic ordering interfaces can be used to support scalable onboarding across newborn screening programs
- Describe how ETOR platforms and HIE infrastructure can support scalable newborn screening interoperability modernization across multiple hospital systems
- Recognize the benefits of having a patient-based case management system
- Recognize how informatics solutions can be applied in newborn screening programs to streamline short-term follow-up

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11:00 am – 12:30 pm **Lunch provided in the Exhibit Hall — Visit the exhibitors and posters** Elite Hall

Visit the Bark Park!

Take Paws Rescue is a foster-based, non-profit rescue group based out of New Orleans, LA. They will have a Bark Park set up in the Exhibit Hall where you will be able to meet some furry friends looking for their forever homes!

If you would like to donate to Take Paws Rescue, please scan the QR code:

12:30 pm – 1:30 pm **Concurrent Roundtables**

Bridging Borders: Advancing Newborn Screening Through Cross-state Collaboration

Strand 11

P.A.C.E.: 588-855-26

1 contact hour • 1 genetic counseling CEU • 1 CME, CNE and CHES credit

Speaker:

- Fran Altmaier, Arizona Department of Health Services

This roundtable will explore how the public health exemptions within the Health Insurance Portability and Accountability Act (HIPAA) can support cross-state collaboration by permitting identifiable data sharing for surveillance, follow-up and case management without individual authorization. Participants will discuss real-world

barriers, opportunities for harmonizing policy interpretation, and practical strategies for building shared workflows and agreements. Collective insights on how states can use existing legal authority to strengthen newborn screening systems and improve outcomes for infants who move or reside across jurisdictional lines will be shared.

After completing the session, the participant will be able to:

- Describe how HIPAA's public health exemptions support interstate data sharing for newborn screening follow-up
- Identify at least one bordering state partner who has similar referral networks
- Create a draft workflow for sharing newborn screening information with a bordering state

Strengthening the Backbone: Upskilling Local Newborn Screening Advisory Committees in an Era of Federal Uncertainty

Strand 12

P.A.C.E.: 588-856-26

1 contact hour • 1 genetic counseling CEU • 1 CME, CNE and CHES credit

Speakers:

- Amy Gaviglio, MS, CGC, Connetics Consulting/APHL/CDC
- Natasha Bonhomme, Expecting Health
- Aaron Goldenberg, MS, MPH, Case Western Reserve University

This roundtable will explore strategies to strengthen state newborn screening advisory committees and program leadership in a changing national landscape. Participants will discuss onboarding, training, keeping committees informed on emerging conditions and technologies, and supporting staff engagement. Through facilitated discussion, attendees will identify best practices and develop practical tools to enhance advisory board readiness and program resilience.

After completing the session, participants will be able to:

- Identify the governance gaps facing state newborn screening advisory committees following ACHDNC's dissolution
- Identify strategies that strengthen committee readiness to evaluate emerging conditions and technologies
- Discuss an Advisory Board Readiness Checklist to assess and improve advisory committee function

Difficult Hemoglobinopathy Newborn Screening Cases, Screening Platform Preferences and Evaluations from the First Association of Public Health Laboratories/US Centers for Disease Control and Prevention Joint Workshop

Strand 13

P.A.C.E.: 588-857-26

1 contact hour • 1 genetic counseling CEU • 1 CME, CNE and CHES credit

Speakers:

- M.A. Bender, MD, PhD, University of Washington, Fred Hutchinson Cancer Research Center
- Tim Daivs, Washington State Department of Health

This roundtable will explore strategies for improving hemoglobinopathy newborn screening interpretation through hands-on case review and discussion. Participants will examine the strengths and limitations of common screening platforms, including IEF, HPLC and capillary electrophoresis, and discuss how multi-platform approaches can improve variant identification and follow-up decisions. Speakers will highlight lessons learned from a US Centers for Disease Control and Prevention/ Association of Public Health Laboratories joint workshop and encourage collaborative problem-solving around complex hemoglobin screening results.

After completing the session, participants will be able to:

- Define the key outcomes of the first hands-on Newborn Screening for Hemoglobinopathies Training Workshop
- Contrast hemoglobin variant results generated by IEF, HPLC and CE
- Apply interpretation strategies to real world cases to evaluate concordant and discordant findings across platforms

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1:30 pm – 2:00 pm **Break — Visit the exhibitors and posters** Elite Hall

2:00 pm – 3:30 pm Concurrent Sessions

Building Partnerships and Strengthening Engagement Throughout the Newborn Screening Continuum

Empire AB

P.A.C.E.: 588-858-26

1.5 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:

- Jeremy Penn, PhD, MPH, University of Iowa College of Education
- Breònna Preston, MPH, CHES, California Newborn Screening Program

Current Practices and Future Possibilities: A National Mapping Study on Newborn Screening Results Disclosure

- Amy Gaviglio, MS, CGC, Connetics Consulting/APHL/CDC

Access to Early Intervention Following Standard and Expanded Newborn Screening

- Kate MacDuffie, PhD, MA, Seattle Children's Research Institute

From Data to Action: Developing a Standardized Performance Report Card Toolkit to Drive Quality Improvement in Newborn Screening

- Shari Arceneaux, BSN, RN, Oklahoma State Department of Health

Survey of New Parents to Assess and Improve Newborn Screening Educational Materials

- Kayla Dixon, MPH, Michigan Department of Health and Human Services

Beyond the Screening: Building Trust with Families in Nebraska's EHDI Program

- Angel Sumpter-McFarland, MPH, Nebraska Early Hearing Detection and Intervention Program

As newborn screening advances through genomic technologies and expanded screening approaches, programs must strengthen communication, education and follow-up systems to support families and providers. This session will highlight strategies for improving family-centered result disclosure, genetic counseling integration, equitable access to early intervention, standardized quality improvement tools and parent education. Presenters will explore how programs can build trust, enhance communication and ensure that innovations in screening lead to improved outcomes for newborns and families.

After completing the session, the participant will be able to:

- Describe variability in positive newborn screening result disclosure across U.S. state and territorial programs
- Define Part C Early Intervention's role in newborn screening follow-up in the genomics era

- Describe key components of an effective newborn screening performance report card
- Identify best practices for providing updates to parents regarding the use of DNA sequencing
- Identify communication barriers within newborn hearing screening systems that may contribute to parental anxiety

Expanding the Horizon of Whole Genome Sequencing: Part Two

Empire CD

P.A.C.E.: 588-859-26

1.5 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:

- Ralph Fingerhut, PhD, FAMH, EuSpLM, Synlab MVZ Weiden
- Michele Caggana, ScD, FACMG, New York State Department of Health, retired

Integration of Whole Genome Sequencing and Untargeted Metabolomics for Newborn Screening: Added Value in Retrospective Dried Blood Spot Analysis

- Jose Manual Gonzalez de Aledo Castillo, PhD, Hospital Clínic de Barcelona

From Checkbox to Cornerstone: Designing High-impact Community Advisory Boards in Genomic Newborn Screening

- Natasha Bonhomme, Expecting Health

From Screen Positive to Follow-up Care: Clinical Classification and Outcomes of Infants in the Early Check Genomic Newborn Screening Study

- Melissa Raspa, PhD, RTI International

The Unique Demands of Computational Variant Interpretation for Newborn Genomic Screening: Findings from the Critical Assessment of Genome Interpretation (CAGI 7)

- Steven Brenner, PhD, University of California, Berkeley

This session will explore emerging strategies and challenges in implementing genomic newborn screening. Presenters will highlight the use of whole genome sequencing and multi-omics approaches to improve diagnostic accuracy, resolve uncertain findings and support more precise newborn screening outcomes. The session will also address the importance of meaningful community advisory partnerships and parent perspectives on genomic screening. Together, speakers will expand on ways to shape equitable, effective and sustainable genomic newborn screening programs.

After completing the session, the participant will be able to:

- Recognize technically challenging genomic regions that may require specialized analytical approaches for accurate variant detection

- Identify key structural elements that support meaningful community engagement and governance
- Discuss the experiences of parents who had a child with a screen positive result
- Describe the limitations of current computational genomic variant impact prediction methods

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3:30 pm – 4:00 pm **Raffle drawing — Visit exhibitors and posters** Elite Hall

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4:00 pm – 5:00 pm **APHL Newborn Screening Awards Ceremony** Empire AB

Moderators:

- Scott Becker, MS, Association of Public Health Laboratories
- Sharon Massingale, PhD, HCLD/CC(ABB), Alabama Department of Public Health, Bureau of Clinical Laboratories

Applaud your colleagues and celebrate their achievements.

6:00 pm – 10:00 pm **Off-site Social**
Sponsored by Revvity, Inc.

SAVE THE DATES!

APHL Newborn Screening Symposium 2027

September 12 – 17, 2027

Anaheim, CA

Thursday, October 15

8:30 am – 12:30 pm	**Registration**	Empire Foyer
8:30 am – 10:00 am	**Coffee Break**	Empire Foyer
9:00 am – 10:30 am	**Concurrent Sessions**	

Newborn Screening System Innovations and Emerging Initiatives

Empire AB

P.A.C.E.: 588-860-26

1.5 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:

- Joseph Orsini, PhD, New York State Department of Health
- Susan Tanksley, PhD, Texas Department of State Health Services

Newborn Screening at a Crossroads: The Benefits and Challenges of a Fragmenting NBS System

- Aaron Goldenberg, MS, MPH, Case Western Reserve University

Re-evaluating Timeliness Standards in Newborn Screening: A Proposed Three-category Framework

- Amy Gaviglio, MS, CGC, Connetics Consulting/APHL/CDC

Correlation of Blood Spot Screening Refusals with Other Routine Newborn Interventions: A Case Control Study

- Patricia Hall, PhD, Mayo Clinic

Building California's Clinical Genetic Molecular Biology Scientist (CGMBS) Training Pipeline for Newborn Screening

- Rajesh Sharma, PhD, FACMG, California Department of Public Health

Exploring Inequities in Newborn Screening Rates Across Oregon

- Patrice Held, PhD, Oregon State Public Health Laboratory

This session explores the evolving infrastructure needed to sustain effective and equitable newborn screening programs. Presentations will examine challenges in national guidance and evidence review, updated approaches to screening timeliness, factors influencing screening acceptance and refusal, workforce development strategies and efforts to identify and address disparities in access to

care. Speakers will highlight the importance of coordinated policy change, strong laboratory capacity and informed families in strengthening newborn screening systems as screening technologies and clinical needs continue to expand.

After completing the session, the participant will be able to:

- Identify strategies for advancing collaborative actions that support policy change while preserving independence in newborn screening programs
- Identify the three new timeliness categories
- Recognize factors associated with an increased risk of newborn screening refusals
- Describe the workforce challenges faced by public health laboratories
- Assess the factors that contribute to differences in screening uptake

From Notification to Partnership: Advancing Communication in Newborn Screening

Empire CD

P.A.C.E.: 588-861-26

1.5 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:

- Twaina Williams, Family Advocate
- Adrienne Savant, MD, Children's Hospital of New Orleans, Tulane University School Medicine

Informational Needs of Families After Notification of a Presumptive Positive Newborn Screen: Findings from Iowa's Family Contact Call Initiative

- Georgianne Younger, MS, LGC, University of Iowa Carver College of Medicine

Strengthening Newborn Screening Through Integrated Education and Stakeholder Engagement: A Statewide Initiative in North Dakota

- Joyal Meyer, MSN, RN, North Dakota Department of Health and Human Services
- Yvonne Kellar-Guenther, PhD, Center for Public Health Innovation

Tennessee Long-term Follow-up: Connecting with Families

- Emma Bradley, MS, CGC, Tennessee Department of Health

Towards a Repository of Modular Chatbot Conversations for Communication about Cystic Fibrosis Following a Positive Screen

- Karen Eilbeck, PhD, University of Utah

Understanding Family and Clinician Perspectives Toward Cancer Predisposition Screening at Birth

- Natasha Bonhomme, Expecting Health

This session will explore innovative approaches to strengthening family engagement, education and communication within evolving newborn screening systems. Presenters will discuss genetic counselor outreach, long-term follow-up connections,

digital education tools and community-informed resources designed to improve parent understanding, build trust and support families as newborn screening continues to evolve.

After completing the session, the participant will be able to:

- Evaluate Iowa's Family Contact Call model as a dual notification strategy to support families following a presumptive positive newborn screening result
- Identify strategies used to improve provider communication and parental trust
- Explain the approach to long-term follow-up family contact in Tennessee
- Evaluate the role of a modular, state-adaptable cystic fibrosis newborn screening chatbot in improving follow up
- Describe the focus group process used to gather parent and clinician perspectives on cancer predisposition newborn screening

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10:30 am – 11:00 am **Coffee Break** Empire AB Foyer

11:00 am – 12:30 pm Empire AB

Inside the Engine Room: Implementing Genomic Newborn Sequencing Within Public Health Newborn Screening Programs

P.A.C.E.: 588-862-26

1.5 contact hours • 1.5 genetic counseling CEUs • 1.5 CME, CNE and CHES credits

Moderators:

- Ingrid Holm, MD, MPH, Boston Children's Hospital
- Guisou Zarbalian, MS, MPH, Association of Public Health Laboratories

Speakers:

- Denise Kay, PhD, New York State Department of Health
- Patrice Held, PhD, Oregon State Public Health Laboratory
- Sulay Rivera, PhD, Puerto Rico Newborn Screening Program
- Kimberly Noble Piper, RN, CPH, CPHG, Iowa Department of Health and Human Services

This panel provides an inside look at the implementation of genomic newborn screening through the BRIDGES study, the first multi-state effort evaluating the feasibility of integrating newborn screening sequencing into US public health programs. State program representatives will share lessons learned, including readiness efforts, partnerships, workforce needs, community engagement and challenges and opportunities for sustainability and equitable expansion. Attendees will gain practical insights into moving genomic newborn screening from pilot studies toward future public health practice.

After completing the session, the participant will be able to:

- Describe the goals of the BRIDGES project as a multi-state pilot of genomic newborn screening implementation
- Identify key components required to integrate genomic newborn screening into state public health newborn screening programs
- Evaluate implementation experiences reported by BRIDGES state program participants
- Assess the feasibility of future adoption of genomic newborn screening

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12:30 pm — **Closing and Adjournment** — Empire AB

12:45 pm

Tour of the Louisiana Office of Public Health

Join us for a bus trip to the Louisiana (LA) Office of Public Health to learn more about how the program provides laboratory screening to LA babies. Advanced registration is required. Please check the registration desk starting on Tuesday for possible space availability.

Waters™

Making a Difference When it Matters

Waters provides Newborn Screening Labs with flexible choices to meet a wide range of needs.

Visit us in
Booth 201

waters.com

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EXHIBIT HALL

Exhibit Hall Schedule

Sunday, October 11

4:30 pm – 6:30 pm	**Hall Open**
5:00 pm – 6:30 pm	Welcome Reception
5:30 pm – 6:00 pm	Print Posters Session #1

Monday, October 12

7:30 am – 4:30 pm	**Hall Open**
7:30 am – 10:15am	Coffee in the Exhibit Hall
9:30 am – 10:15 am	Break
1:30 pm – 3:00 pm	Refreshment Break
2:00 pm – 3:00 pm	Digital Posters Session #1
3:45 pm – 4:00 pm	Break

Tuesday, October 13

7:30 am – 3:30 pm	**Hall Open**
7:30 am – 9:30 am	Coffee in the Exhibit Hall
11:00 am – 12:00 pm	Digital Posters Session #2
12:00 pm – 1:30 pm	Box Lunch
12:30 pm – 1:00 pm	Print Posters Session #2
1:30 pm – 2:00 pm	Break
2:45 pm – 3:15 pm	Refreshments in the Exhibit Hall

Wednesday, October 14

7:30 am – 4:00 pm	**Hall Open**
7:30 am – 9:30 am	Coffee in the Exhibit Hall
9:00 am - 9:30 am	Break
11:00 am – 12:30 pm	Box Lunch
1:30 pm – 2:00 pm	Break
3:30 pm – 4:00 pm	Raffle Drawing & Refreshment Break

Scavenger Hunt — Visit Exhibitors, Win Prizes!

Connection Contest

Use your APHL mobile app to scan the QR code at each and every exhibitor booth to be entered into the prize raffle at 3:30 pm Wednesday (must be present to win!). All exhibitors must be scanned in order to be entered into the raffle for a prize.

Visit These Exhibitors in the Exhibit Hall

AGENA BIOSCIENCE	504
ALD Alliance/Newborn Screening Alliance	412
Association of Public Health Laboratories, Inc.	501
Astoria-Pacific	400
BioPerfectus Technologies, Inc.	402
Bio-Rad Laboratories, Inc.	111
BSD Robotics	101/103
DiaSorin Molecular	202
EBF, LLC	410
Enfanos, LLC	205
Expecting Health/Baby's First Test	105
HCU Network America	311
iConnect Consulting, Inc.	505
LabVantage Solutions, Inc.	113
LACAR MDx Technologies	303/305
Mirum Pharmaceuticals	401
National MPS Society.	510
Natus Sensory	500
Newborn Screening Collaborative	411
NOVARTIS	301
Orchard Therapeutics	211
Primary.Health	200
Quantabio	313
Revvity	300/302/304
RTI International	213
Ruvos	310
Sebia	210/212
STAT Courier Service, Inc.	404
Sumitomo Pharma America	204
Thermo Fisher Scientific	403
US Centers for Disease Control and Prevention, Newborn Screening and Molecular Biology Branch	413
Watchmaker Genomics	405
Waters Advanced Diagnostics	201/203

Exhibit Sponsors

BIOMARIN

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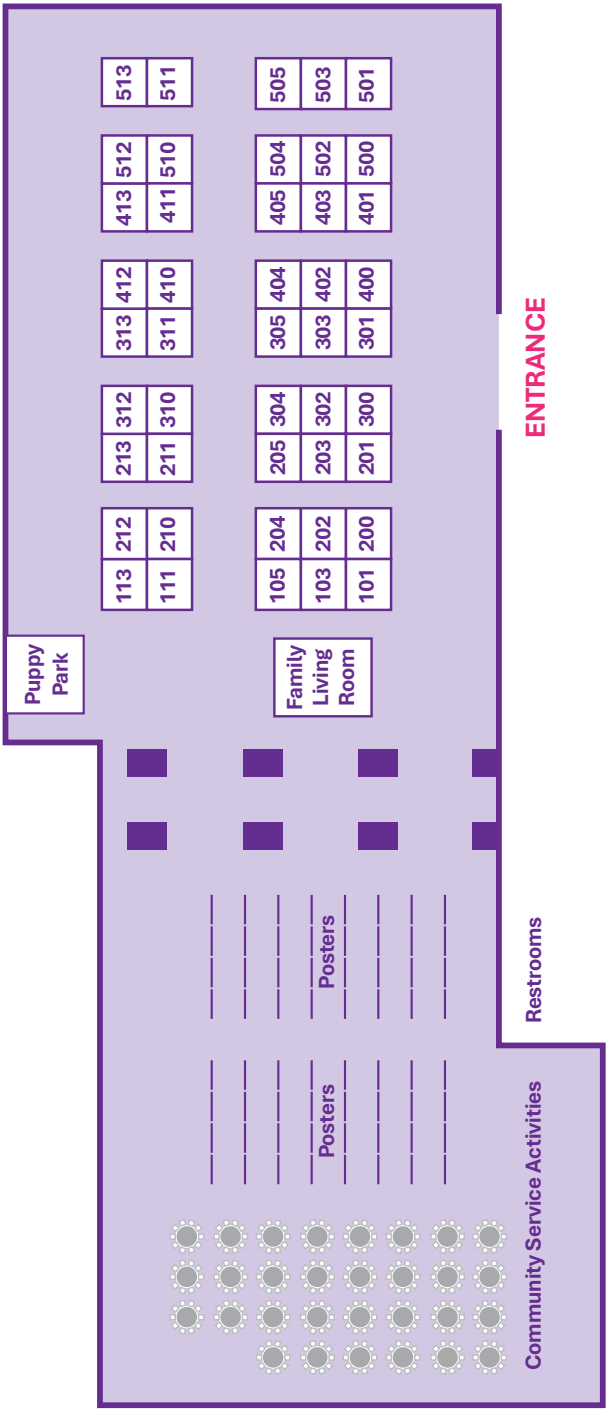
Exhibit Hall Floor Plan



EXHIBITORS

AGENA BIOSCIENCE

Booth 504

www.agenabio.com

We are scientists, engineers, and innovators dedicated to enabling targeted genomic testing that fits the realities of modern laboratories. For more than 25 years, Agena Bioscience has partnered with molecular laboratories to help answer defined genetic questions quickly and efficiently–all with a single, flexible platform. With a broad portfolio of off-the-shelf panels as well as custom assay development, our solutions are designed to adapt and support our customers' needs in the ever-evolving landscape of genetic analysis.

ALD Alliance/Newborn Screening Alliance

Booth 412

www.aldalliance.org

The ALD Alliance advances awareness, research, and access to care for families affected by X-linked adrenoleukodystrophy, promoting newborn screening, supporting patients and driving therapies and policy change.

The Newborn Screening Alliance: is a program of the ALD Alliance which is coalition advocating universal, equitable newborn screening through policy, funding, education, and state partnerships to ensure early diagnosis, treatment, and support for all newborns.

Association of Public Health Laboratories Career Pathways

Booth 501

www.aphl.org/Career-Pathways

The primary goal of the APHL Career Pathways program is to increase the public health laboratory workforce through hands-on programs for students, support for early-career and experienced professionals and opportunities for networking and leadership development.

Astoria-Pacific

Booth 400

www.astoria-pacific.com

Astoria-Pacific is honored that Newborn Screening Programs rely on us for the monitoring of BIO, GALT, TGal, PHE, G6PD, T4, TSH and 17-OHP. We are ISO 13485 certified and offer Laboratory Automation, Service/Support, Diagnostic Reagent Kits (510k clearance) and Reference Materials (BIO/GALT + MS/MS DBS) to neonatal laboratories worldwide.

BioPerfectus Technologies, Inc.

Booth 402

www.bioperfectus.com

BP LabLine is a US-based life science supplier providing laboratory equipment, consumables and research solutions. We partner with leading manufacturers to support universities, research institutes, biotech companies and healthcare organizations with reliable products, expert support and streamlined procurement.

Bio-Rad Laboratories

Booth 111

Diamond Level Sustaining Member
www.bio-rad.com

Bio-Rad Laboratories is a global leader in developing, manufacturing and marketing innovative products for the life science research and clinical diagnostic markets. With over 70 years of experience, Bio-Rad's products advance the discovery process and improve healthcare. Our clinical diagnostics solutions, including newborn screening for sickle cell disease and other hemoglobin disorders, leverage cutting-edge technologies to deliver accurate and reliable results, ensuring the best start for every newborn.

BSD Robotics

Booths 101/103

www.bsdrobotics.com

BSD Robotics is a private company dedicated to the art of semi-automated laboratory instruments for life science applications. Our capabilities include manufacturing, research and development, industrial design, customization and service and support of our portfolio.

DiaSorin

Booth 202

Silver Level Sustaining Member
www.molecular.diasorin.com

DiaSorin is a global immuno and molecular diagnostics company specializing in progressing scientific innovation into reliable and flexible solutions that evolve with healthcare needs. By simplifying complex workflows, building collaborative relationships and uniting fragmented testing, DiaSorin enables clinicians to accelerate decisive action and optimize patient outcomes.

EBF, LLC

Booth 410

www.ebf-inc.com

Eastern Business Forms, Inc. has been a leading provider of newborn screening collection devices for more than 50 years. Our goal is to exceed customer requirements by leveraging our extensive manufacturing experience and providing superior customer service. EBF is the exclusive provider of Whatman 903 filter paper in the United States.

Enfanos, LLC

Booth 205

www.enfanos.com

Enfanos develops innovative LC-MS/MS methodologies, multiplex assay components, DBS quality controls and kit solutions for research applications. Specializing in lysosomal enzyme analysis, we also support analysis of other critical metabolic pathways. Our team collaborates closely with laboratories to develop customized, efficient solutions that streamline research workflows and enhance productivity.

Expecting Health/Baby's First Test

Booths 105

www.expectinghealth.org

A nonprofit organization rooted in 40 years of community programs and representing national voices and family-centered experiences, Expecting Health shares science-based and policy-informed information that reflects the lived experiences of individuals and their families. We do this through the power of relationships, convening the top experts, working with key leaders in health and engaging with families and communities at the center of the conversation.

HCU Network America

Booth 311

www.hcunetworkamerica.org

HCU Network America strives to inform and provide resources for patients and families, create connections, influence state and federal policy, and support the advancement of diagnosis and treatment for HCU and related disorders.

iConnect Consulting, Inc.

Booth 505

Gold Level Sustaining Member

iconnectconsulting.com

iConnect is a leader in electronic test orders and results (ETOR) and data science solutions for public health laboratories. With 20 years of experience, we deliver a secure, scalable software platform that powers ETOR workflows, optimizes operations and transforms laboratory data into actionable insights.

LabVantage Solutions, Inc.

Booth 113

Gold Level Sustaining Member

www.labvantage.com

LabVantage Solutions Inc. is a global leader in laboratory informatics, empowering organizations to accelerate innovation through integrated LIMS, analytics, and digital laboratory solutions. With a strong focus on data integrity, compliance, scalability and AI-driven transformation, LabVantage helps laboratories optimize operations, enhance decision making and drive scientific excellence worldwide.

LACAR MDx Technologies

Booths 303/305

Silver Level Sustaining Member

www.lacar-mdx.com/en

LaCAR MDx Technologies is an innovative company specializing in rapid, reliable and automated in vitro genetic diagnostic (IVD) solutions, focusing on Newborn Screening and Pharmacogenetics. Founded in 2013, LaCAR is committed to improving global public health through cutting-edge technologies tailored to the specific needs of each laboratory.

Mirum Pharmaceuticals

Booth 401

mirumpharma.com

Mirum proudly serves children, adults and families with rare disease, working closely with these communities to intimately understand the challenges they face day-to-day. It's with this deep understanding, empathy and urgency that we seek to develop remarkable therapies for rare diseases that have limited or no approved treatment options. Because ultimately, our goal is to transform the lives of these individuals so that they have the opportunity to live life to the fullest.

National MPS Society

Booth 510

mpssociety.org

For more than 50 years, the National MPS Society has stood alongside the MPS and ML community, driving research toward a cure, supporting families, and advocating on their behalf. We're proud to walk alongside families on the journey toward a brighter future for everyone impacted by MPS and ML.

Natus Sensory

Booth 500

natussensory.com

Natus Sensory is a global leader in sensory care, supporting clinicians across hearing, balance, vision, and newborn care. Our solutions help enable confident clinical decisions and improve patient outcomes, from giving every baby the best possible start in life to helping millions of people reconnect with the world through hearing and balance care.

Newborn Screening Collaborative

Booth 411

www.acmg.net/ACMG/NBSC.aspx

The Newborn Screening Collaborative is a volunteer group of patient advocacy, public health and healthcare professionals from a range of medical specialties whose mission is to support and promote activities to advance universal newborn screening and enhance the ability of newborn screening programs keep pace with technological and therapeutic advancements.

NOVARTIS

Booth 301

Corporate Colleague Level Sustaining Member

www.novartis.com/

Novartis is an innovative medicines company. Every day, we work to reimagine medicine to improve and extend people's lives so that patients, healthcare professionals and societies are empowered in the face of serious disease. Our medicines reach more than 300 million people worldwide.

Orchard Therapeutics

Booth 211

www.orchard-tx.com

Orchard Therapeutics, A Kyowa Kirin Company: A company focused on changing the treatment paradigm for patients with severe genetic diseases.

Primary.Health

Booth 200

Corporate Colleague Level Sustaining Member

www.primary.health

Primary.Health helps public health agencies manage the full newborn screening journey, from initial results to case resolution. Our platform streamlines coordination between laboratories, providers and families so no newborn falls through the cracks. Flexible, scalable and built for the realities of public health.

revvity

Beyond the test.

Beyond the test lies a complete ecosystem enabling confidence from sample to result report, and we're with you every step of the way. Newborn screening demands more than accurate results; it requires seamless workflows, actionable insights, and the infrastructure to support life-changing decisions.

Together, we're not just advancing technology. We're helping to advance outcomes, one baby at a time.

Visit us at booth 300 during the APHL Newborn Screening Symposium to explore what's new:

- Advancements in mass spectrometry and molecular testing
- Transcribe AI to streamline workflows and save valuable time
- Technical information on our for research use only (RUO) offering
- Plus much more!

Scan to learn more

For *in vitro* diagnostic use. This product is only available where licensed in accordance with law. Please contact your local representative for availability.

www.revvity.com

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Quantabio

Booth 313

Silver Level Sustaining Member

www.quantabio.com

Quantabio is a leading provider of advanced DNA and RNA amplification reagents for the most demanding molecular testing applications in applied, translational and life science research. Our team leverages decades of experience in developing pioneering amplification technologies to deliver cutting-edge products to researchers focused on critical cloning, PCR, qPCR and next-generation sequencing (NGS) applications.

Revvity

Booths 300/302/304

Diamond Level Sustaining Member

www.revvity.com

Revvity provides health science solutions, technologies, expertise, and services that deliver complete workflows from discovery to development, and diagnosis to cure. We are pushing the limits of what's possible in healthcare, with specialized focus areas in translational multi-omics technologies, biomarker identification, imaging, prediction, screening, detection and diagnosis, informatics, and more. With a robust global network and localized agility, we serve a diverse range of organizations from pharmaceutical and biotech, to clinical labs, academia and governments.

RTI International

Booth 213

www.rti.org

RTI International supports critical initiatives to improve international public health outcomes for all. With a multidisciplinary team of experts and established relationships across the public health research community, our team is poised to create a world where people thrive in health and wellness. Learn more about RTI's expertise in designing, implementing and evaluating scientifically based programs that can inform public health policy and promote healthy behaviors.

Ruvos

Booth 310

Platinum Level Sustaining Member

ruvos.com

For more than two decades, public health agencies and healthcare organizations have turned to Ruvos to wrangle their data for maximal impact. We build the infrastructure, analytics and intelligence that make sense of complexity, so that epidemiologists, clinicians and policy leaders can act with confidence when the stakes are highest.

Sebia

Booths 210/212

Silver Level
Sustaining Member

www.sebia-usa.com

Sebia is a global specialty IVD company focused on protein analysis. The new CAPILLARYS 3 DBS* instrument utilizes Sebia's proprietary and best-in-class capillary electrophoresis separation technology to maximize resolution for newborn Hemoglobin (Hb) disorder screening. By offering NBS laboratories a fully-automated walkaway platform, Sebia seeks to improve NBS laboratory workflows, freeing up precious time for labs to focus on value-added tasks. *CAPILLARYS 3 DBS not currently available for sale in the USA.

STAT Courier Service, Inc.

Booth 404

www.stat-courier.com

STAT Courier Service Inc. connects birthing centers and State Public Health Laboratories statewide with logistical solutions to drive better healthcare outcomes for all newborn citizens, through reliable medical courier service delivery for newborn screening tests in addition to clinical and environmental specimens and medical supplies.

Sumitomo Pharma America

Booth 204

www.us.sumitomo-pharma.com

SMPA is committed to accelerating scientific and therapeutic breakthroughs in key areas of unique and unmet medical need including oncology, urology, women's health, rare disease, CNS, and cell & gene therapies.

Thermo Fisher Scientific

Booth 403

Diamond Level Sustaining Member

www.thermofisher.com/us/en/home.html

Thermo Fisher Scientific is the world leader in serving science, enabling our customers to make the world healthier, cleaner and safer. We offer an unmatched combination of innovative technologies, workflow expertise, purchasing convenience and comprehensive support—partnering with public health laboratories to protect communities and improve global health outcomes.

US Centers for Disease Control and Prevention

Booth 413

www.cdc.gov/newborn-screening

CDC is the nation's leading science-based, data-driven, service organization that protects the public's health. For more than 70 years, we've put science into action to help children stay healthy so they can grow and learn; to help families, businesses, and communities fight disease and stay strong; and to protect the public's health.

Watchmaker Genomics

Booth 405

www.watchmakergenomics.com

At Watchmaker Genomics, we combine biology, engineering and computer science to develop innovative technologies that advance genomic research and improve human health. We engineer high-quality enzymes to create DNA and RNA sequencing chemistries and MDx tools, providing researchers with reliable tools to preserve, decode and better understand genomic information.

Waters Advanced Diagnostics

Booths 201/203

Gold Level Sustaining Member

www.waters.com

Waters mission is to optimally enable global newborn screening laboratories to deliver 1st Tier and 2nd Tier screening. With more than 20 years of experience supporting newborn screening we understand the wide variety of solutions required and provide a range of tried and tested mass spectrometry, informatics, training and support to meet multiple user needs daily.

2027 APHL CONFERENCES

APHL ID Lab Con 2027
March 15–18, 2027 • Atlanta, GA

APHL 2027 Annual Conference
May 17–20, 2027 • Anaheim, CA

APHL Newborn Screening Symposium 2027
September 12–17, 2027 • Anaheim, CA

aphl.org/conferences

Digital Poster Schedule

Posters may be viewed in-person and digitally in the Exhibit Hall during exhibit hall hours on Sunday, October 11 – Wednesday, October 14 and on the mobile app and website during the entire symposium.

Monday, October 12, 2:00 – 3:00 pm

Time	Screen 1	Screen 2
2:00 pm – 2:10 pm	**P-201: Midwife Perspectives on Newborn Screening Processes in California: A Mixed Methods Survey** Poster Presenter: Gianna D'Apolito, California Department of Public Health, gcdapolito@gmail.com	**P-226: From Biochemistry to Genomics: Enhancing LIMS Informatics Readiness for NGS** Poster Presenter: Joe Huynh, PhD, Waters Corporation, trung_huynh@waters.com
Break – 5 minutes		
2:15 pm – 2:25 pm	**P-227: Establishing a System and Process to Monitor Confirmed Screening Positive Infants in Newborn Screening for Spinal Muscular Atrophy** Poster Presenter: Mei Baker, MD, FACMG, Wisconsin State Laboratory of Hygiene, mei.baker@wisc.edu	**P-200:** Every Function Matters: Defining and Prioritizing the NBS Workforce Poster Presenter: Funke Akinsola, Association of Public Health Laboratories, oluwafunke.akinsola@aphl.org
Break – 5 minutes		
2:30 pm – 2:40 pm	**P-205: Improving Newborn Screening Outcomes Through Data Transparency, Quality Indicator Monitoring, Program Evaluation and Targeted Birthing Facility Education in Indiana** Poster Presenter: Jacob Wainwright, MPH, Indiana Department of Health, JWainwright@health.in.gov	**P-220: From Passive to Proactive: A Decade of Strengthening CCHD Screening, Follow-up and Partnerships in Tennessee (TN) (2013–2025)** Poster Presenter: Angela Keyton, RN, Tennesee Department of Health, angela.keyton@tn.gov
Break – 5 minutes		
2:45 pm – 2:55 pm	**P-204: Successes and Challenges to Implementing Electronic Messaging for Newborn Screening in Indiana** Poster Presenter: Allison Forkner, MPH, Indiana Department of Health, aforkner@health.in.gov	**P-206: The Quality Improvement Ripple Effect: Small Changes = MAXIMUM Impact** Poster Presenter: Jasmine Santiago, Iowa State Hygienic Laboratory at the University of Iowa, jasmine-santiago@uiowa.edu

Digital Poster Schedule

Monday, October 12, 2:00 – 3:00 pm

Full poster abstracts for both digital and print posters may be found on the symposium mobile app or website.

Conference App

	Screen 3	Screen 4
2:00 pm – 2:10 pm	**P-211: Every Drop Counts: Reducing Newborn Screening Errors Through Standardization and Partnership-Based Interventions** Poster Presenter: Krizia April Sanoy, Nebraska Department of Health and Human Services, krizia.sanoy@nebraska.gov	
	Break – 5 minutes	
2:15 pm – 2:25 pm	**P-219: First Confirmed Case of Mitochondrial Trifunctional Protein (MTP) Deficiency Identified by the Puerto Rico Newborn Screening Program** Poster Presenter: Sulay Rivera, PhD, Puerto Rico Newborn Screening Program, sulay.rivera@upr.edu	**P-203: Ensuring No Newborn is Missed: A Framework for Improving Birth Notification Interoperability** Poster Presenter: Marci Sontag, PhD, Center for Public Health Innovation, marci.sontag@cphinnovation.org
	Break – 5 minutes	
2:30 pm – 2:40 pm	**P-207: Intern Experience with Genetic Counselors and Educating Patients: Case Study in Cystic Fibrosis** Poster Presenter: Lauren Payne, Kansas Department of Health and Environment, lauren.l.payne@ks.gov	
	Break – 5 minutes	
2:45 pm – 2:55 pm		**P-208: A Percentile-based IRT Cutoff and Sequencing Reflex Cystic Fibrosis Newborn Screening: Outcomes from a Demographically Diverse State** Poster Presenter: Edgar Moradel, MD, Maryland Department of Health, edgar.moradel@maryland.gov

Digital Poster Schedule

Tuesday, October 13, 11:00 am – 12:00 pm

Time	Screen 1	Screen 2
11:05 am – 11:15 am	**P-209: Making the Cut: Michigan's Experience with TREC Cutoff Adjustment after SMA Multiplexing** Poster Presenter: Scott Larabell, Michigan Department of Health and Human Services, larabells1@michigan.gov	**P-221: Building a REDCap Data Collection System for Tennessee's Long-term Follow-up Program** Poster Presenters: Jennifer Renee Smith, MSN, RN, CNL, Tennessee Department of Health, jennifer.Renee.Smith@tn.gov and Emma Bradley, MS, CGC, Tennessee Department of Health, emma.Bradley@tn.gov
Break - 5 minutes		
11:20 am – 11:30 am	**P-218: Disparities in Newborn Bloodspot Screening Completion: A Population-based Study of Oklahoma Births, 2019–2023** Poster Presenter: Robbie Massingill, Oklahoma State Department of Health, robbie.massingill@health.ok.gov	
Break - 5 minutes		
11:35 am – 11:45 am	**P-212: From Launch to Lessons: Massachusetts' 15 Month Journey with MPS II Screening and Reflex Testing for MPS I/II** Poster Presenter: Devinder Kaur, PhD, New England Newborn Screening Program, UMass Chan Medical School, devinder.kaur@umassmed.edu	**P-215: Evaluation of Thyroid-stimulating Hormone (TSH) and Thyroxine (T4) Cutoffs and Reporting Algorithms for Congenital Hypothyroidism Using a Six-month Population Dataset** Kimberly Blake, MPH, North Carolina Department of Health and Human Services, kimberly.blake@dhhs.nc.gov
Break - 5 minutes		
11:50 am – 12:00 pm	**P-223: Expanding Nevada's Newborn Screening Panel: A Coordinated Approach to Spinal Muscular Atrophy and X-linked Adrenoleukodystrophy Screening** Poster Presenters: Madison Heisler, MS, CGC, Nevada State Public Health Laboratory, madisonheisler@unr.edu and Jasmin Torres, CLS, Nevada State Public Health Laboratory, jasmint@med.unr.edu	**P-216: Honoring 60 Years of Newborn Screening in North Carolina: Advancing Onsite Operations and Strengthening Partnerships Across the State** Poster Presenter: Kimberly Blake, MPH, North Carolina State Laboratory of Public Health, kimberly.blake@dhhs.nc.gov

Digital Poster Schedule

Tuesday, October 13, 11:00 am – 12:00 pm

	Screen 3	Screen 4
11:05 am – 11:15 am	**P-217: Improving Point of Care Newborn Screening: A Comparison of Critical Congenital Heart Disease and Universal Newborn Hearing Screening Coordinators in Ohio** Poster Presenters: Kathryn List, Ohio Department of Health, Kathryn.List@odh.ohio.gov and Reena Kothari, Au.D., Ohio Department of Health, reena.kothari@odh.ohio.gov	**P-224: When Newborn Screening Isn't Straightforward: The Impact of Meconium Ileus, Prematurity, and NICU Stay on Cystic Fibrosis Diagnosis Across Two Sites** Poster Presenter: Alexandra Pottorff, UT Southwestern Medical Center, Peter O'Donnell Jr. School of Public Health, alexandra.pottorff@utsouthwestern.edu
	Break – 5 minutes	
11:20 am – 11:30 am	**P-210:** Withdrawn	**P-213: Establishing Newborn Screening Long-term Follow-up in New Jersey: Program Design and Early Implementation** Poster Presenter: Caitlin Russo, MS, New Jersey Department of Health, caitlin.russo@doh.nj.gov
	Break – 5 minutes	
11:35 am – 11:45 am	**P-214: Building Hospital Champions: Reimagining Newborn Screening Education Across Nebraska** Poster Presenter: Angel Sumpter-McFarland, MPH, Nebraska Early Hearing Detection and Intervention Program, angel.sumpter323@gmail.com	**P-222: Advancing Multiplex PCR for Newborn Screening: SCID/SMA Detection by Multiplex qPCR and SMN1/SMN2 Copy Number Analysis by Multiplex Digital PCR** Poster Presenter: Junko Stevens, Thermo Fisher Scientific, junko.stevens@thermofisher.com
	Break – 5 minutes	
11:50 am – 12:00 pm	**P-225: Consent for Retention of Dried Blood Spots in the State of Utah** Poster Presenter: Mary Rindler, MS, LCGC, Utah Department of Health and Human Services, mlrindler@utah.gov	

Symposia History

National Neonatal Screening Symposium (1981-1999)

Newborn Screening & Genetic Testing Symposium (2001-2019)

Newborn Screening Symposium (2020 onward)

1981	Austin, TX
1982	Chicago, IL
1984	Orlando, FL
1985	Columbus, OH
1986	Austin, TX
1988	Portland, OR
1989	New Orleans, LA
1991	Saratoga, NY
1992	Raleigh, NC
1994	Seattle, WA
1995	Corpus Christi, TX
1996	Boston, MA
1998	San Diego, CA
1999	St. Louis, MO
2001	Raleigh, NC
2002	Phoenix, AZ
2004	Atlanta, GA
2005	Portland, OR
2007	Minneapolis, MN
2008	San Antonio, TX
2010	Orlando, FL
2011	San Diego, CA
2013	Atlanta, GA (with ISNS)
2014	Anaheim, CA
2016	St. Louis, MO
2017	New Orleans, LA
2019	Chicago, IL
2020	Virtual
2021	Virtual
2022	Tacoma, WA
2023	Sacramento, CA (with ISNS)
2024	Omaha, NE
2025	Providence, RI
2026	New Orleans, LA

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