

Symposium Preliminary Agenda

All times are in Eastern Daylight Time.

This schedule is subject to change.



October 5–9, 2025 • Providence, RI

Sunday, October 5

2:00 pm – 6:30 pm

Registration

3:00 pm – 3:30 pm

Welcome Address

Presenters:

- Scott Becker, MS, Association of Public Health Laboratories
- Jelili Ojodu, MPH, Association of Public Health Laboratories
- Emily Eisenstein, MPH, Rhode Island Department of Health

3:30 pm – 5:00 pm

Parent/Patient Panel

5:00 pm – 6:30 pm

Welcome Reception

6:30 pm – 8:30 pm

Newborn Screening Laboratory Social Hour

Newborn Screening Follow-up and Family Social Hour

Monday, October 6

7:30 am – 6:30 pm

Registration

7:30 am – 9:00 am

Coffee/Light Breakfast

Concurrent Innovate! Sessions

8:00 am – 8:30 am

To be announced

8:30 am – 8:45 am

Break

Visit exhibitors and posters

8:45 am – 10:15 am

Concurrent Sessions

Engaging with Families: From Diagnosis to Follow-up

- **From Hashtags to Health Decisions: A Qualitative Analysis of Social Media Posts on Newborn Screening**
Stacey Quesada, MPH, Center for Public Health Innovation
- **Bridging the Gap: Enhancing Support for Newborns Diagnosed with Sickle Cell Disease through Community-based Partnerships and Digital Innovation**
Fran Altmaier, BSW, Arizona Department of Health Services
- **Enhancing Pathways: Streamlining Hearing Loss Referrals to Regional Genetic Centers**
Hilary Fryman, BSN, RN, Tennessee Department of Health
- **It's Not the Ride, It's the Resources: Disparities in Newborn Screening Follow-up**
Tory Kaye, MPH, Minnesota Department of Health
- **Evaluating the Early Check Model for Education and Consent in Large-scale Genetic Screening Program: A Mixed-methods Approach**
Melissa Raspa, PhD, RTI International

Quality Improvement, Control and Assurance Activities Part One

- **Methionine Makeover: Chopping Cutoffs to Catch Homocystinuria in Colorado's Newborns**
Erica Wright, MS, CGC, University of Colorado/Children's Hospital Colorado
- **Maryland's Adoption of N-acetyltyrosine to Reduce False-positive Reports**
Suraj Panthi, PhD, Maryland Department of Health
- **One Spot, Two Methods: Multiplexed FIA and LC-MS/MS Analysis of Amino Acid, Organic Acid and Fatty Acid Oxidation Disorders, ADA-SCID, GAMT Deficiency, ALD, Homocysteine and N-Acetyltyrosine to Reduce False Positives and Negatives**
Adrienne Manning, BS, Connecticut Department of Public Health
- **NeoBase2 Non-derivatized MSMS kit (NB2): Comparison Between Waters Acquity TQD and SCIEX Triple Quad 4500MD System**
Krystyna Weiss-Pawlak, MSE, Michigan Department of Health and Human Services
- **One and Done: Establishing Confidence in Initial Newborn Screening Results**
Victoria Floriana, MS, New Jersey Department of Health

8:30 am – 4:30 pm

Exhibit and Poster Hall Open

10:15 am – 10:30 am

Break

Visit exhibitors and posters

10:30 am – 12:30 pm

Keynote Session

12:30 pm – 2:00 pm

Lunch (on your own)

1:30 pm – 2:00 pm

Dessert in Exhibit and Poster Hall

2:00 pm – 2:30 pm

Sustaining and Advancing Excellence in Newborn Screening: Implementing the Recommendations of the National Academies Report

Presenters:

- Scott Shone, PhD, MCLD(ABB), North Carolina Department of Health and Human Services
- Beth Tarini, MD, MS, MBA, Children's National Hospital
- Mei Baker, MD, University of Wisconsin School of Medicine and Public Health

2:30 pm – 2:45 pm

Break in Exhibit and Poster Hall

Concurrent Innovate Sessions

2:45 pm – 3:30 pm

To be announced

3:30 pm – 3:45 pm

Break in Exhibit and Poster Hall

3:45 pm – 5:15 pm

Concurrent Sessions

Beyond Diagnosis: Strategies for Long-term Follow-up

- **Newborn Screening Long-term Follow-up Roadmap: A Pathway for Developing State-based Systems**
Marci Sontag, PhD, Center for Public Health Innovation
- **Time to Pivot? A Threat or an Opportunity to Keep Newborn Screening Long-term Follow-up Alive in New York**
Kathy Chou, PhD, New York State Department of Health
- **From Diagnosis to Lifelong Care: Arizona's Journey in Newborn Screening Longterm Follow-up**
Fran Altmaier, BSW, Arizona Department of Health Services
- **Longitudinal Follow-up of Sickle Cell Disease in Minnesota**
Lexie Barber, MPH, Minnesota Department of Health

- **Confounding Genotypes: Clinical and Biochemical Analysis of Individuals with Common GALC Gene Variants and the Impact on Newborn Screening Follow-up for Krabbe Disease**
Amy White, MS, CGC, Mayo Clinic

Applications for Molecular Technology and Next Generation Sequencing

- **Global Genomic Newborn Screening Initiatives: Diverse Models and Public Health Implications**
Nidhi Shah, MD, FACMG, International Consortium on Newborn Sequencing
- **Newborn Genome Sequencing: Perspectives from a Public Health Laboratory**
Denise Kay, PhD, New York State Department of Health
- **The Spectrum of Variants Detected by Newborn Screening for Multiple Disorders**
Anne Comeau, PhD, New England Newborn Screening Program
- **The Incorporation of Targeted DNA Sequencing in a Multi-omics Screening Strategy into the New South Wales Newborn Screening Programme**
Tiffany Wotton, New South Wales Newborn Screening Program
- **Implications for Cystic Fibrosis (CF) Diagnoses After Newborn Screening in a Heterogeneous Population: A Retrospective Application of Various CFTR Variant Panels or Sequencing to 25 Years of CF Genotypes**
Jaime Hale, MS, New England Newborn Screening Program

5:15 pm – 5:30 pm

Break

5:30 pm – 7:00 pm

Ignite the Night!

Tuesday, October 7

7:30 am – 5:00 pm

Registration

7:30 am – 9:00 am

Coffee/Light Breakfast

Concurrent Innovate Sessions

8:00 am – 8:30 am

To be announced

8:30 am – 9:00 am

Break

Visit exhibitors and posters

9:00 am – 10:30 am

Concurrent Sessions

Financial, Legal, Ethical, Policy and Social Implications for Newborn Screening

- **Evaluating the Cost of Informed Consent in Newborn Screening: Insights from ScreenPlus**
Nicole Kelly, MPH, Montefiore Einstein
- **Assessing the Accuracy of Race and Ethnicity on Newborn Screening Cards**
Anna Howard, MPH, Washington State Department of Health
- **A Qualitative Study on Parental Experiences with Genetic Counseling After a Positive Newborn Screen for Recently Added Conditions on the Recommended Uniform Screening Panel**
Marci Mricovec, Case Western Reserve University
- **Nest Digital Genetics Navigator Facilitates Scale While Meeting Participant Experience and Education Needs**
Rebecca Reimers, MD, MPH, Rady's Institute of Genomic Medicine

To Add or Not to Add: Processes and Considerations for Adding New Disorders to State Screening Panels

- **Tour the Sausage Factory: A Noteworthy Period of Newborn Screening Policymaking in Washington State**
Megan McCrillis, MPH, Washington State Department of Health
- **Minnesota's Experience of Screening for Duchenne Muscular Dystrophy**
Trenna Lapacinski-Ludens, Minnesota Department of Health
- **Late-infantile Krabbe Disease: Something Worth Screening For!**
Dietrich Matern, MD, PhD, Mayo Clinic
- **The Low Citrulline Conundrum: Reporting Low Citrulline Levels in New York State**
Virginia Sack, MS, CGC, New York State Department of Health
- **Advancing Rare Disease Screening: Development of a Targeted Metabolomics Panel for Biomarker Evaluation**
Sara Smith, PhD, Revvity

10:30 am – 10:45 am

Break in Exhibit and Poster Hall

10:45 am – 11:15 am

Debating the Necessity of Informed Consent for Genomic Sequencing in Newborn Screening

Presenters:

- Aaron Goldenberg, PhD, MPH, Case Western Reserve University
- Amy Gaviglio, MS, CGC, Connetics Consulting

8:30 am – 4:00 pm

Exhibit and Poster Hall Open

11:15 am – 11:30 am

Break in Exhibit and Poster Hall

11:30 am – 1:00 pm

Concurrent Sessions

Experience Counts: Improving Screening Methods for Conditions on the Recommended Uniform Screening Panel

- **California's Experience with Newborn Screening for Guanidinoacetate Methyltransferase Deficiency: Insights into Tier-1 and Tier- 2 Testing and the Arginine/Guanidinoacetate Ratio**
Kuldeep Dhillon, MS, CCS(CA), MB(ASCP)^{cm}, California Department of Public Health
- **One Punch**
Michael Gelb, PhD, University of Washington
- **Advancing Newborn Screening for Krabbe Disease Through Accelerated GALC Enzyme Activity Testing**
Elya Courtney, MPH, Centers for Disease Control and Prevention
- **California's Experience with Mucopolysaccharidosis Types I and II Screening: Implementing an Improved Three-tier Strategy**
Kuldeep Dhillon, MS, CCS(CA), MB(ASCP)^{cm}, California Department of Public Health
- **Expanded Homocystinuria Screening in Georgia: A Two-year Pilot Project**
Angela Wittenauer, MSN, FNP-RN, Emory University

Improving Training, Education and Communication

- **From Storyboard to Screen: Lessons Learned from Arizona's Parent-focused Newborn Screening Video Series**
Fran Altmaier, BSW, Arizona Department of Health Services
- **Survey of Primary Care Provider Knowledge of Equity Within the Cystic Fibrosis Screening Process**
Kerri-Lynn Lockwood, MS, CGC, Michigan Department of Health and Human Services
- **Developing a Standardized Training Protocol: Training Specialist Perspectives**
Marina Choi, MPH, Washington State Department of Health
- **Participatory Design of a Chatbot for Sickle Cell Trait Newborn Screening Results**

Courtney Gauchel, RN-BSN, MS, Association of Public Health Laboratories

1:00 pm – 1:15 pm

Rapid Poster Presentations

1:15 pm – 2:30 pm

Lunch provided

Visit exhibitors and posters

Concurrent Innovate Sessions

2:30 pm – 3:15 pm

To be announced

3:15 pm – 3:30 pm

Break in Exhibit and Poster Hall

3:30 pm – 5:00 pm

2025 APHL Newborn Screening Awards Ceremony

Wednesday, October 8

7:30 am – 4:30 pm

Registration

7:30 am – 9:30 am

Coffee

8:00 am – 9:00 am

Concurrent Roundtables

Education and Outreach Success Stories: Innovative Strategies for Engaging Key Audiences in Newborn Screening

Marianna Raia, MS, CGC, Expecting Health

Higher-tier Testing in Newborn Screening: Barriers, Facilitators and What's Next

Shawn Moloney, MPH, MLS(ASCP)^{cm}, Michigan Department of Health and Human Services

George Dizikes, PhD, HCLD/CC(ABB), Laboratory Quality Assurance, LLC

Amy Gaviglio, MS, CGC, Connetics Consulting

Kshea Hale, MPH, Association of Public Health Laboratories

Maintaining Workforce Resiliency in the Face of Change

Susan Tanksley, PhD, Texas Department of State Health Services

9:00 am – 9:30 am

Break

Visit exhibitors and posters

9:30 am – 11:00 am

Concurrent Sessions

It's All About the Babies: How to Build Resiliency, Reduce Barriers and Improve the System

- **Welcoming Kansas Babies Initiative**
Drew Duncan, Kansas Department of Health and Environment
- **Rethinking Timeliness: A Proposal for Updated Timeliness Categories**
Amy Gaviglio, MS, CGC, Connetics Consulting
- **Scaling Mountains: A Journey of Advocacy, Resiliency and Quality Improvement of the Colorado Newborn Screening Program**
Erica Wright, MS, CGC, University of Colorado/Children's Hospital Colorado
- **Reducing Barriers for Timely Recollection Utilizing Partnerships with Traveling Midwives**
Drew Duncan, Kansas Department of Health and Environment
- **South Carolina Improves Continuity of Operations Planning for Newborn Screening Program and Partner States**
Beth Bair, MS, PhD, South Carolina Department of Public Health

Advances in Newborn Screening from Around the World

- **NS2400: First Complete Solution for Automation of Immunoassays, Enzyme Assays and LC-MS/MS in Newborn Screening**
Ralph Fingerhut, PD Dr.rer.nat., Synlab MVZ Weiden
- **MetabPlus: Enzymatic Microarrays for Enhanced Detection of Inherited Metabolic Disorders**
Raquel Yahyaoui, MD, PhD, Malaga Regional University Hospital
- **Combined Biochemical and Genetic Analysis Enhances Diagnosis and Prenatal Assessment of Multiple Acyl-CoA Dehydrogenase Deficiency**
Ting Chen, Xinhua Hospital, Shanghai Jiaotong University School of Medicine
- **Japan's Nationwide EQCP Pilot for Severe Combined Immunodeficiency and Spinal Muscular Atrophy: Ensuring Accuracy and Promoting Standardization of qPCR-Based Newborn Screening**
Nobuyuki Ishige, Tokyo Health Services Association

9:00 am – 4:30 pm

Exhibit and Poster Hall Open

11:00 am – 11:30 am

Break

Visit exhibitors and posters

11:30 am – 1:00 pm

Concurrent Sessions

Newborn Screening Panels and Performance

- **Proposed RUSP Changes for Consistency and Transparency**
Susan Tanksley, PhD, Texas Department of State Health Services
- **Evaluating False Positives and Positive Predictive Value in Newborn Screening: A 3-part Discussion**
Sarah Mckasson, MPH, Association of Public Health Laboratories
Ashley Comer, Association of Public Health Laboratories
Amy Gaviglio, MS, CGC, Connetics Consulting

Are We There Yet: Tools for Newborn Screening Health Information Technology

- **Detor: A New Path for Newborn Screening Electronic Test Orders and Results**
Rachel Shepherd, Association of Public Health Laboratories
- **Minnesota's Roadmap for Electronic Test Orders and Results Testing**
Heather Brand, Minnesota Department of Health
- **A Decade of Working with Newborn Screening Submitters Across Virginia to Improve Quality and Timeliness Through the Implementation and Expansion of Electronic Data Exchange**
Emily Hopkins, MS, Virginia Division of Consolidated Laboratory Services
Willie Andrews, BSMT(ASCP), River Views Consulting, LLC
- **Utilizing Rhode Island's Unique Integrated Child Health Information System to Improve Newborn Screening Follow-up**
Emily Eisenstein, MPH, Rhode Island Department of Health
- **A Pilot Study to Implement FHIR Queries for Newborn Screening Clinical Follow-up Data**
Gregory Bonn, MT(ASCP), Colorado State Public Health and Environment Laboratory

1:00 pm – 2:30 pm

Lunch

Visit exhibitors and posters

2:30 pm – 4:00 pm

Concurrent Sessions

The Newest Conditions: Newborn Screening for Metachromatic Leukodystrophy and Multiplexing Strategies

- **The MLD Alliance: Facilitating Advancement of a Candidate Condition to Screen-ready Status**
Charolotte Chanson, MPH, Orchard Therapeutics
- **Newborn Screening for Metachromatic Leukodystrophy: 2nd-tier ARSA Activity Test**

Dietrich Matern, MD, PhD, Mayo Clinic

- **Newborn Screening for Metachromatic Leukodystrophy and Cerebrotendinous Xanthomatosis in New York State**
Joseph Orsini, PhD, New York State Department of Health
- **New Disorders and New Treatments: Considerations for Therapeutic Access for Newborn Screening Programs**
Amy Gaviglio, MS, CGC, Connetics Consulting
- **Optimizing Newborn Screening Efficiency Through Multiplex Biomarker Detection: Evaluation of a Triplex Assay for X-ALD, MLD and GAMT Deficiency**
Khaja Basheeruddin, PhD, Illinois Department of Public Health

Quality Improvement, Control and Assurance Activities: Part Two

- **Resource Centers, Collaboratives and Grants, Oh My! Tools for Laboratories to Improve Cystic Fibrosis Newborn Screening**
Marissa Taylor, MPH, Cystic Fibrosis Foundation
- **Comprehensive LC-MS/MS Method for Newborn Screening: Resolving Interferences, Reducing Second-tier Reflexes and Quantifying Over 70 Biomarkers**
Austin Pickens, PhD, Centers for Disease Control and Prevention
- **Qualifying the Benefits of Active Hospital Outreach with Dynamic Quality Improvement**
Bryan Wendel, Florida Department of Health
- **The Cystic Fibrosis (CF) ConSEQUENCE: Michigan's Experience Transitioning to Sequencing-based CF Screening, Implications of NGS and Lessons Learned**
Erika Jackson, BS, AAS, Michigan Department of Health and Human Services
- **Using CRISPR/Cas9 Genome Editing to Create Custom Cell Lines for Newborn Screening Quality Assurance Materials**
David Cobb, PhD, Centers for Disease Control and Prevention

4:00 pm – 4:30 pm

Raffle drawing

Visit exhibitors and posters

6:00 pm – 10:00 pm

Off-site Social Event

Sponsored by Revvity, Inc.

Thursday, October 9

7:30 am – 1:00 pm

Registration

7:30 am – 9:30 am

Coffee

8:00 am – 9:00 am

Concurrent Roundtables

Bridging Gaps in Newborn Screening Timeliness: A Comparative Analysis of One-screen and Two-screen Programs

Amanda Jenkins, MPH, MLS(ASCP), Association of Public Health Laboratories

NBSxWGS Virtual Gene Panel

Melissa Parisi, MD, PhD, National Center for Advancing Translational Sciences, National Institutes of Health

Design That Listens: Building Better Reports with User-centered Design

Michele Gornick, PhD, Children's National Hospital

9:00 am – 9:30 am

Break

9:30 am – 11:00 am

Concurrent Sessions

Newborn Screening for Congenital Cytomegalovirus

- **Universal or Hearing-targeted? That Is the Congenital Cytomegalovirus Screening Question**
Sondra Rosendahl, MS, LCGC, Minnesota Department of Health
- **Opting Out of Congenital Cytomegalovirus Screening in New York State**
Virginia Sack, MS, CGC, New York State Department of Health
- **Congenital Cytomegalovirus Culture of Collaboration to Streamline Regulatory Workflows**
Rachel McCaffery, BSN, RN, Wolfson Children's Hospital

Challenges to Newborn Screening and Building a Resilient System

- **Utilizing Machine Learning for Improved Determination of Cystic Fibrosis Status in Newborn Screening Samples**
Alankar Kampooale, MPH, The University of Iowa
- **From Computer to Clinic: Calibrating Variant Impact Predictors Yields a ClinGen Clinical Recommendation Up to Strong Evidence in Genome Variation Interpretation**
Steven Brenner, University of California, Berkley
- **Statistical Challenges in Newborn Screening Parental Stress Index Time Series Data**
Thevaa Chandereng, PhD, Children's National Hospital

- **Newborn Screening (NBS) in North Carolina (NC) in the Aftermath of Hurricane Helene and the NC NBS Program's Ongoing Continuity of Operations Planning**
Kimberly Blake, MPH, North Carolina State Laboratory of Public Health

11:00 am – 11:30 am

Break

11:30 am – 1:00 pm

After the Screen: Continuing to Put Families at the Forefront

- **Developing a Framework to Assess Family Outcomes After Newborn Screening**
Don Bailey, PhD, RTI International
- **Parent and Provider Evaluation of Long-term Follow-up in North Dakota**
Yvonne Keller-Guenther, PhD, Center for Public Health Innovation
- **Recruitment Strategies and Demographics from a Multi-site Longitudinal Study of False Positive Newborn Screening Results**
Kelly Christensen, Children's National Hospital
- **Parents' Perspectives on the Newborn Screening Experience: Comparing False Positive and Normal Result Experiences**
Anne Atkins, MPH, Children's National Hospital
- **A Multi-state Population-based Study of Parental Stress After a False-positive Newborn Screening Result**
Beth Tarini, MD, MS, MBA, Children's National Hospital

1:00 pm

Closing and Symposium Adjourns

1:30 pm

Lab Tour