Target Audience
Newborn screening and genetics laboratory professionals, newborn screening and genetics program personnel and counselors, students, health care practitioners or other maternal and child health service providers, public health nurses, public health laboratory directors, and other public health professionals involved with newborn screening & genetic testing issues and follow-up. Parents and advocacy groups are also encouraged to attend.

Program Overview
The Association of Public Health Laboratories, co-sponsored by the Missouri State Public Health Laboratory and the International Society for Neonatal Screening, will be hosting the 2016 Newborn Screening and Genetic Testing Symposium in St. Louis, MO. The program will be held February 29 – March 3, 2016, and will attract over 500 laboratory scientists, genetic counselors, nurses, physicians, and other healthcare providers who are interested in screening of newborns and the follow up therapy and treatments. The meeting will introduce new research in the areas of screening for genetic conditions and for inborn errors of metabolism, as well as focus on research into screening for hearing defects and critical congenital heart defects. The faculty are world-renowned scientists and healthcare workers dealing with these critical issues.

Educational Objectives
Overall the conference will address state, national and international newborn screening testing procedures and counseling follow-up information; provide the attendees with best practices in regard to both testing and follow-up for patients; examine new and emerging technologies to allow results to be more accurate and timely; present new and expanding research on testing procedures and disorders detected by newborn screening; provide a forum for developing international collaboration; and address common problematic issues and solutions in newborn screening, clinical outcomes, and short and long-term follow-up.

Upon completion of this conference, participants should be able to:

1. Interpret a modified screening algorithm for CCHD in moderate altitude settings
2. Describe unique challenges with implementing ALD and Pompe disease screening
3. Describe state and international experiences with candidate conditions and clinical outcomes in newborn screening.
4. Identify parental concerns and considerations when weighing participation in research, including genomic sequencing of healthy newborns
5. Discuss the benefits of full gene sequencing for newborn screening conditions.
6. Identify factors that may impede or promote timeliness of NBS specimen collection.
7. Describe two strategies for improving timeliness of newborn screening.
Sessions for which CMEs and CNEs will be provided (up to 20 Hours for entire Symposium):

**Monday, February 29**
- *9:00 am – 10:30 am* **Session 1: Current Conditions in State Newborn Screening Panels** (1.5 hrs)
- *11:00 am – 12:30 pm* **Session 2: Prospective Newborn Screening Conditions** (1.5 hrs)
- *1:30 pm – 3:30 pm* **Keynote Panel Discussion** (2.0 hrs)
- *4:00 pm – 5:30 pm* **Session 3: International Perspectives** (1.5 hrs)

**Tuesday, March 1**
- *8:30 am – 10:00 am* **Joint Follow-up and QA/QC Session** (1.5 hrs)
- *10:30 am – 12:00 pm* **Concurrent Sessions** (1.5 hrs)
  - *Short-term Long-term Follow-Up*
    - *2:00 pm – 3:30 pm* **Session 4: Molecular Applications** (1.5 hrs)
    - *4:00 pm – 5:30 pm* **Session 5: Screening for Special Populations** (1.5 hrs)

**Wednesday, March 2**
- *8:30 am – 10:00 am* **Session 6: Health Information Technology** (1.5 hrs)
- *10:30 am – 12:00 pm* **Session 7: Education** (1.5 hrs)
- *2:00 pm – 3:30 pm* **Session 8: Parent/Patient Panel** (1.5 hrs)

**Thursday, March 3**
- *8:30 am – 10:00 am* **Session 10: Quality Improvement — Timeliness** (1.5 hrs)
- *10:30 am – 12:00 pm* **Session 11: Quality Improvement — Getting it Right** (1.5 hrs)

**Physician Accreditation Statement**
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Global Education Group (Global) and Association of Public Health Laboratories. Global is accredited by the ACCME to provide continuing medical education for physicians.

**Physician Credit Designation**
Global Education Group designates this live activity for a maximum of **20.0 AMA PRA Category 1 Credit™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nursing Continuing Education**
Global Education Group is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s COA. This educational activity for **20.0 contact hours** is provided by Global Education Group. Nurses should claim only the credit commensurate with the extent of their participation in the activity.

**Global Contact Information**
For information about the accreditation of this program, please contact Global at 303-395-1782 or inquire@globaleducationgroup.com.

**Instructions for Obtaining Credit**
In order to receive credit, participants must complete the credit application, evaluation form and provide the appropriate payment to the registration desk prior to leaving the Symposium. Statements of credit will be mailed within 4 to 6 weeks following the program.

**Fee Information**
Fee for CMEs - $75
Fee for CNEs - $25
Disclosure of Conflicts of Interest
Global Education Group (Global) requires instructors, planners, managers and other individuals and their spouse/life partner who are in a position to control the content of this activity to disclose any real or apparent conflict of interest they may have as related to the content of this activity. All identified conflicts of interest are thoroughly vetted by Global for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations. A report will be distributed at the Symposium.

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Disclaimer
Participants have an implied responsibility to use the newly acquired information to enhance patient outcomes and their own professional development. The information presented in this activity is not meant to serve as a guideline for patient management. Any procedures, medications, or other courses of diagnosis or treatment discussed in this activity should not be used by clinicians without evaluation of patient conditions and possible contraindications on dangers in use, review of any applicable manufacturer’s product information, and comparison with recommendations of other authorities.