Co-Sponsors:
Louisiana State Public Health Laboratory
International Society for Neonatal Screening (ISNS)

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Retirements This Year

- Patrick Hopkins | Missouri
- Claudia Nash | Illinois
- Thalia Wood | APHL
- Eleanor Mulcahy | Maine
Symposia: Then & Now

- 1981: Austin, TX
- 1982: Chicago, IL
- 1983: 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
- 2014: Anaheim, CA
- 2016: St. Louis, MO
- **2017: New Orleans, LA**
- 2019: Chicago, IL
WEDNESDAY EVENING, NOVEMBER 15
(Hilton Riverside Hotel)

5:00 p.m. - 7:30 p.m.  Registration (third floor)
7:00 p.m. - 9:00 p.m.  Icebreaker Reception (Rainforest)

THURSDAY MORNING, NOVEMBER 16
Special Scientific Session
(Tulane University School of Medicine)

“Symposium on Molecular Advances and Their Applications in Newborn Screening”
Chairperson: W. Harry Hannon, Ph.D.
Centers for Disease Control
Co-Chairperson: Songya Pang
University of Illinois College of Medicine at Chicago

7:30 a.m.
Buses depart from Landmark Hotel to Tulane University School of Medicine.

7:45 a.m.
Buses depart from Hilton Riverside Hotel to Tulane University School of Medicine.

7:30 a.m. - 4:00 p.m.
Registration

8:30 a.m.
Welcome and Topic Introduction
Speaker: Emmanuel Shapira, M.D., Ph.D.
‘Molecular Genetic Analysis of Dried Blood Specimens on Filter Paper Blotters: Evolving Applications for Newborn Screening and Other Programs’

8:40 a.m.
Speaker: Edward R.B. McCabe, M.D., Ph.D.  (Abstract O-1)
‘Prenatal Diagnosis of Hemoglobinopathies Using DNA Analysis’

9:25 a.m.
Speaker: Bruce Sharon, M.D.  (Abstract O-2)

9:50 a.m.
BREAK
1989

PCR: Clinical Applications for Genetic Disease
Speaker: Glenn Horn, Ph.D. (Abstract O-3)

Director Analysis of Cytochrome P450 21-Hydroxylase B Gene in 21 Hydroxylase Deficiency Using Polymerase Chain Reaction
Speaker: Martin B. Draznin, M.D. (Abstract O-4)

Application of PCR in the Detection and Genetic Analysis of Human Immunodeficiency Viruses
Speaker: Chin-Yih Ou, Ph.D. (Abstract O-5)

PCR: Screening for Duchenne Muscular Dystrophy
Speaker: Jean Lockyear, Ph.D. (Abstract O-6)

PANEL DISCUSSION: Question and Answer Period
All Speakers

LUNCH ON YOUR OWN
2017 Newborn Screening and Genetic Testing Symposium #nbsgts

Mobile App

PCR

DMD

Main Session: Past, Present & Future Newborn Screening

4:20 PM
Development of a Multiplex Real-time PCR Newborn Screening Assay to Simultaneously Detect... (4:20 PM - 4:40 PM)
- Event #: Session 3
- Room #: Grand Ballroom CD
- Location: Hilton New Orleans Riverside

4:40 PM
Implementation of Newborn Screening for Duchenne Muscular Dystrophy (DMD) (4:40 PM - 5:00 PM)
- Event #: Session 3
- Room #: Grand Ballroom CD
- Location: Hilton New Orleans Riverside
It started with one test, in one state. But technological advancements, increased awareness, and federal action in recent years have spurred sharp growth in the average number of conditions states include in their newborn screening programs.
SEQUENCING

SPECIALISTS

TRAINING

COMMUNITIES OF PRACTICE

HEALTH INFORMATION TECHNOLOGY

GLOBAL ENGAGEMENT

NEW DISORDERS

CUT-OFFS

FOLLOW-UP

COOP

2017 Newborn Screening and Genetic Testing Symposium

#nbsgts
THE NEWBORN SCREENING BIG PICTURE: greater than the sum of its parts
Newborn Screening: Saves or Improves the Lives of Over 12,000 Babies a Year!

**PARENT EDUCATION**
Obstetrician explains newborn screening process to expectant parents.

**HOSPITAL SCREENING**
Hospital nurse tests baby's hearing and heart, and collects blood from baby's heel.

**LAB SCREENING**
State public health lab tests baby's blood for at least 29 genetic conditions.

**NORMAL RESULTS**
Pediatrician reviews test results with parents at baby's first wellness visit.

**POSITIVE RESULTS**
Health Department staff calls pediatrician/parents to request re-testing baby. Medical specialists perform tests and make diagnosis.

**FOLLOW-UP**
Medical specialists and pediatrician develop a treatment plan and guide parents in caring for baby.

Association of Public Health Laboratories
Save the Date!

2019 APHL Newborn Screening and Genetic Testing Symposium
April 7–10, 2019
Chicago, IL