



2017 Genetics Conference Schedule

Genes to Genomes: The New Genetics

June 3: San Antonio / July 8: Dallas / July 22: Houston

8:30 a.m. - 9:30 a.m.

Registration

9:30 a.m. - 9:40 a.m.

Welcoming Remarks

9:40 a.m. - 10:40 a.m.

Genomic Sequencing and Newborn Screening: Where Are We Now?

Session Objectives:

- Describe examples of current uses of genomic sequencing in the newborn period including the neonatal intensive care unit.
- List currently available online resources to help understand the clinical implication of a variant found in a newborn from genomic sequencing.
- List three pros and cons of genomic testing as a part of newborn screening.

Speakers:

June 3, San Antonio: Cynthia Powell, MD, University of North Carolina at Chapel Hill, School of Medicine

July 8, Dallas: Amy Brower, PhD, American College of Medical Genetics and Genomics

July 22, Houston: Richard Parad, MD, MPH, Brigham and Women's Hospital, Harvard Medical School

10:40 a.m. - 11 a.m.

Break with Exhibitors

11 a.m. - 12 p.m.

Non-Invasive Genetic Testing in Pregnancy: What to Tell Parents

Session Objectives:

- Describe available genetic tests, including the biologic specimen for each test and the basic steps in the analysis.
- Describe the role of the physician, nurse, genetic counselor or clinic in working with families whose baby or minor child has received clinically actionable findings unrelated to the initial reason for testing.
- List three issues that may concern families when genetic testing is done.
- List three ethical issues that may arise related to genetic testing.

Speakers:

June 3, San Antonio and July 8, Dallas: Nancy C. Rose, MD, Intermountain Healthcare/University of Utah

July 22, Houston: Susan Klugman, MD, FACOG, FACMG, Montefiore Medical Center - Albert Einstein College of Medicine

12 p.m. - 1:30 p.m.

Working Lunch Panel: Impact of Genetic Testing on Families

Session Objectives:

- Describe the role of the physician, nurse, geneticist or clinic in working with families whose baby or minor child has received clinically actionable findings unrelated to the initial reason for testing.
- Recognize the role of the physician, nurse, genetic counselor or clinic in discussing results of medically prescribed and commercially available molecular tests.

Speakers:

June 3, San Antonio: James Gibson, MD, PhD, Specially for Children and Scott McLean, MD, Baylor College of Medicine

July 8, Dallas: Angela Scheuerle, MD, UT Southwestern Medical Center

July 22, Houston: Louise Strong, MD, UTMDACC, Houston; The University of Texas Graduate School of Biomedical Sciences

1:30 p.m. - 2:30 p.m.

Exome & Genome Testing: What to Order? What Does It Mean?

Session Objectives

- Describe available genetic tests, including the biologic specimen for each test and the basic steps in the analysis.
- Cite three indications that call for genetic tests.

Speakers:

June 3, San Antonio: Carlos Bacino, MD, Texas Children's Hospital and Baylor College of Medicine

July 8, Dallas: Marilyn Jones, MD, University of California at San Diego; Rady Children's Hospital

July 22, Houston: Amy Brower, PhD, American College of Medical Genetics and Genomics

2:30 p.m. - 2:50 p.m.

Break with Exhibitors

2:50 p.m. - 3:50 p.m.

Translating Genomic Testing Into Treatment: Are We Ready?

Session Objectives:

- Explain newly discovered benefits to genomic testing in the pediatric or adult population.
- Discuss three challenges facing clinical implementation of existing pharmacogenomic information in pediatric or adult population.
- Differentiate between the importance of the "right exposure," rather than the "right dose," to better understand inter-individual variability in the response to a medication.

Speakers:

June 3, San Antonio: Erica Wright, MS, CGC, University of Colorado Medical Oncology

July 8, Dallas: Steven Leeder, PharmD, PhD, University of Kansas Medical Center / Children's Mercy Hospital

July 22, Houston: Beth Pletcher, MD, FAAP, FACMG, Rutgers New Jersey Medical School

3:50 p.m. - 4:50 p.m.

New Genomics, New Information, New Issues... Same Ethics

Session Objectives:

- List three ethical issues that may arise related to genetic testing.
- Recognize the role of the physician, nurse, genetic counselor or clinic when discussing with families the results of medically prescribed and commercially available molecular tests.

Speakers:

June 3, San Antonio: Jeffrey P. Brosco, MD, PhD University of Miami

July 8, Dallas: Erin Rothwell, PhD, The University of Utah

July 22, Houston: Lynn Bush, PhD, MS, MA, Columbia University Medical Center

4:50 p.m. - 5 p.m.

Closing Remarks