**Agenda**

**Friday, March 3, 2017**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00-8:30</td>
<td>Registration and Continental Breakfast Provided</td>
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<tr>
<td>8:30-8:35</td>
<td>Welcome</td>
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<tr>
<td>8:30-8:35</td>
<td>Bruce R. Korf, MD, PhD</td>
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<td>8:35-10:00</td>
<td>SESSION 1: INDICATIONS FOR REFERRAL</td>
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<td>8:35-10:00</td>
<td>Nathanial Robin, MD - Moderator</td>
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<td>8:35-10:00</td>
<td>PARENT PANEL</td>
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<td>8:35-10:00</td>
<td>Ashley Cannon, PhD, MS, CGC - Moderator</td>
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<td>Nathanial Robin, MD - Moderator</td>
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<td>8:35-10:00</td>
<td>University of Alabama at Birmingham</td>
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<td>8:35-10:00</td>
<td>SESSION 3: GENETIC CAUSES OF GROWTH DIFFERENCES</td>
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<td>8:35-10:00</td>
<td>University of Alabama at Birmingham</td>
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<tr>
<td>9:00-11:15</td>
<td>SESSION 2: DIAGNOSTIC APPROACHES</td>
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<td>9:00-11:15</td>
<td>Anna C.E. Hurst, MD, MS - Moderator</td>
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<td>9:00-11:15</td>
<td>Fady Mikhaili, MD, PhD</td>
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<td>9:00-11:15</td>
<td>University of Alabama at Birmingham</td>
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<td>9:00-11:15</td>
<td>Molecular Genomic Testing Strategies</td>
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<td>9:00-11:15</td>
<td>David Bick, MD</td>
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<td>9:00-11:15</td>
<td>HudsonAlpha, Huntsville, AL</td>
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<td>11:15-11:45</td>
<td>Practical Resources for the Pediatrician</td>
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<td>11:15-11:45</td>
<td>Anna C.E. Hurst, MD, MS, MS - Moderator</td>
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<td>University of Alabama at Birmingham</td>
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**About Our Keynote Speaker**

Debbie Krakow, MD
Professor, Orthopaedic Surgery, Human Genetics and Obstetrics and Gynecology
David Geffen School of Medicine, UCLA
Los Angeles, CA

Dr. Krakow is an internationally recognized expert on the diagnosis and management of skeletal disorders. She is Professor of Human Genetics and Orthopaedic Surgery at UCLA. She also is Co-Director of the UCLA International Skeletal Dysplasia Registry, a referral center for that focuses on clinical diagnoses and the molecular biology of genetic bone diseases. In addition to her clinical work as a medical geneticist and maternal fetal medicine physician, Dr. Krakow directs a laboratory that has identified the genetic and cellular basis of skeletal diseases. She has authored over 100 peer reviewed papers, numerous reviews and book chapters.

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**Learning Objectives**

UPON COMPLETION OF THIS LIVE ACTIVITY, PARTICIPANTS WILL BE ABLE TO:

- Recognize features of a child who may benefit from a genetic evaluation.
- Identify the benefits and limitations of chromosomal microarray array testing.
- Distinguish when a child may benefit from broad molecular-based testing strategies (such as whole exome or whole genome sequencing).
- Utilize practical resources for the healthcare management of a child with a genetic condition.
- Reflect on the psychosocial needs of the family of a child with a genetic condition.
- Review outcomes from existing genetic programs in the region.

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**Continuing Education**

Children’s of Alabama designates this live activity for a maximum of 5.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Children’s of Alabama is accredited by the Medical Association of the State of Alabama to provide continuing medical education for physicians.

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**BEYOND THE DIAGNOSIS ART EXHIBIT**

Selected works from this traveling art exhibit, focusing on the rare disease patient, will be displayed at Children’s of Alabama from February 28 through March 17, 2017. Art has been used for thousands of years to successfully convey a message, whether it be a story or a glimpse into the human spirit. The purpose of this exhibit, presented by the Rare Disease United Foundation, is to encourage a look “beyond the diagnosis” to the patient. Two works from the exhibit are a team in this brochure, including the one above — "Ashlyn’s Sturge-Weber Syndrome" by Wolfgang Widmaier.
**Registration**

FOR ONLINE REGISTRATION, please visit ChildrensAL.org/genetics

Or complete the form below and mail, email or fax registration form and payment to:

Shaila Handattu, PhD, MBA
Department of Genetics
Kaul 230, 720 20th Street South
Birmingham, AL 35294
hande@uab.edu  FAX 205.934.9488

$35 to Attend
Please make checks payable to Children’s of Alabama.

NAME _______________________________________________________
ADDRESS ___________________________________________
PHONE _____________________________________________
FAX _________________________________________________
EMAIL _______________________________________________

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**Speakers**

David Bick, MD
Medical Director, HudsonAlpha Medical Genomics Program
Huntsville, AL

Ashley Cannon, PhD, MS, CGC
Instructor, Certified Genetic Counselor
Department of Genetics
University of Alabama at Birmingham (UAB)

Chad Holdeman Englert, MD
Clinical Geneticist, Fullerton Genetics Center
Mission Health, Asheville, NC

Anna Chesson Edens Hurst, MD, MS
Assistant Professor, Department of Genetics
University of Alabama at Birmingham (UAB)

Whitley V. Kelley, MS
Genetic Counselor, Clinical Applications Specialist
HudsonAlpha Institute for Biotechnology
Huntsville, AL

Bruce R. Korf, MD, PhD
Professor and Chair, Department of Genetics
Director, Heflin Center for Genomic Sciences
Co-Director, UAB-HudsonAlpha Center for Genomic Medicine
University of Alabama at Birmingham (UAB)

Deborah Krakow, MD
Professor, Orthopaedic Surgery, Human Genetics and Obstetrics and Gynecology
David Geffen School of Medicine, UCLA
Los Angeles, CA

Thomas May, PhD
Senior Scientist
HudsonAlpha Institute for Biotechnology
Huntsville, AL

Fady M. Mikhail, MD, PhD
Associate Professor and Co-Director
Clinical Cytogenetics Laboratory, Department of Genetics
University of Alabama at Birmingham (UAB)

Nathaniel H. Robin, MD
Professor of Genetics and Pediatrics
University of Alabama at Birmingham (UAB)

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Parking will be available in the Children’s Park Place Deck.
The entrance to the deck is at 16th Street South and 5th Avenue South.

Questions?
Contact Shaila Handattu at hande@uab.edu

March 3, 2017
Friday, 8:00am — 3:30pm
Bradley Lecture Center
4th Floor, Children’s Harbor Building
1600 6th Avenue South
Birmingham, AL 35233