**Fall NCMGA Educational Meeting**

Hosted by: University of North Carolina at Chapel Hill

Friday, December 02, 2022 - Virtual

9:00am – 9:10am Opening Remarks and Announcements

*Arti Pandya, MD, MBA (Associate Professor & Division Chief)*

*UNC Chapel Hill Pediatric Genetics and Metabolism*

*Lauren E. Doyle, MGC, CGC* *(NCMGA President)*

*UNCG Genetic Counseling Program*

9:10am – 10:35am Advocacy Panel: Inclusive Thinking in Rare Disease

9:10am – 9:35am Diversity and Inclusion in Rare Disease Research

*Kim Stephens, DBA (Executive Director of MPS Program)*

*UNC Chapel Hill Pediatric Genetics and Metabolism*

9:35am – 10:05amRare Disease from a Patient Advocate/Caregiver Perspective

*Kim Stephens, DBA (Executive Director of MPS Program)*

*Elizabeth Jalazo, MD (Assistant Professor & Peds Geneticist)*

*Monika Williams, MD (Medical Genetics and Genomics Fellow)*

*UNC Chapel Hill Pediatric Genetics and Metabolism*

10:05am – 10:25am Panel Q&A / Discussion

10:25am – 10:35am New Initiatives from the Family Support Network

*Laurel Powell, MS (Family Support Program Manager)*

*The Family Support Network of North Carolina*

10:35am – 10:45am Sponsored Break

10:45am – 11:15am Hirsch Lab: Updates from the Gene Therapy Center

*Matthew Hirsch, PhD (Associate Professor)*

*UNC Chapel Hill Ophthalmology and Gene Therapy Center*

11:15am – 11:45am Reputable Sources for Variant Curation

*Steven Harrison, PhD, FACMG*

*Laboratory Director at Ambry Genetics*

11:45am – 12:45pm Sponsored Lunch

11:45am - 12:00pm *BREAK*

12:00pm - 12:10pm Sponsored Break

12:10pm - 12:20pm Sponsored Break

12:20pm - 12:30pm Sponsored Break

12:30pm – 12:45pm *BREAK*

12:45pm – 2:05pm Genomic Technologies and Diagnostic Tools in Fetal Abnormalities

12:45pm – 1:15pm Genomics and Functional Dissection of Fetal Brain Abnormalities

*Neeta Vora, MD (Associate Prof & Director of Reproductive Genetics)*

*UNC Chapel Hill OB/GYN and Maternal Fetal Medicine*

1:15pm – 2:00pm Fetal Imaging of Genetic Abnormalities

*Carolina V. Guimaraes, MD (Neuroradiologist & Chief of Pediatric Imaging) UNC Chapel Hill Radiology and Pediatric Imaging*

2:00pm – 2:05pm Q&A / Discussion

2:05pm – 2:15pm Sponsored Break

2:15pm – 3:00pm Vascular Anomalies Clinic: A Multidisciplinary Approach

*Elizabeth Nieman, MD - UNC Chapel Hill Dermatology*

*Julie Blatt, MD - UNC Chapel Hill Pediatric Hematology-Oncology*

3:00pm – 3:10pm Sponsored Break

3:10pm – 3:40pm Adult-Onset Cancer Syndromes in the Pediatric Cancer Population

*Sharon E Plon, M.D., Ph.D (Direct of Cancer Genetics Clinical/Research Programs)*

*Baylor College of Medicine / Texas Children’s Hospital*

3:40pm – 3:55pm State updates, announcements, evaluations

3:55pm – 4:30pm Fall Business Meeting

*Lauren E. Doyle, MGC, CGC* *(NCMGA President)*

*UNCG Genetic Counseling Program*

4:30pm Adjourn

PRE-RECORDED / ON-DEMAND TALKS:

Autosomal dominant hereditary cancer risk and assessment for autosomal recessive conditions: Intersection of cancer and reproductive genetic counseling

*Christine Kobelka, MSc, CGC, CCGC (UNC Chapel Hill - Assistant Prof & Adult/Cancer GC)*

Parental Psychosocial Outcomes after Exome Sequencing: Longitudinal Follow Up after an Affected Pregnancy

*Asha Talati, MD MSCR (UNC Chapel Hill - Department of Obstetrics & Gynecology)*

Psychosocial Functioning and Challenges Throughout the Lifespan of Patients with Inborn Errors of Metabolism: Examples from Hepatic Glycogen Storage Disorders

*Monika Williams, MD (UNC Chapel Hill - Medical Genetics and Genomics Fellow)*