Examining Our Present to Illuminate Our Future
August 20, 2021

PROGRAM
All times listed are in Pacific Daylight Time (PDT)

8:00-8:15 **Welcome and Opening Remarks**
Amy Poole, MS, CGC and Jamie Beavers, MS, CGC (AEC Co-Chairs)
Michelle Fox, MS, CGC (President, SCGC)

8:20-9:05 **Plenary 1: Giving Back to Get Ahead: Mentoring the Next Generation**
Deanna Erwin, MS, CGC; Elise Sobotka, MS, MPH, CGC; Lauren Gima, MS, CGC

9:10-10:10 **Educational Breakout Session**

Track A: How Small DNA Fragments Changed Prenatal Diagnosis
Deborah Krakow, MD

Track B: Molecular Landscape of Colorectal Cancer: Practicing at the Intersection of Somatic and Germline Genomics
Heinz-Joseph Lenz, MD; Jacob Comeaux, LCGC; Charite Ricker, MS, CGC; Julie Culver, MS, LCGC, CCRP; Daisy Hernandez, MS, CGC

10:10-10:25 **BREAK**

10:25-11:10 **Plenary 2: Federal Bill Access to Genetic Counselor Services Update**
Sandra Brown, MS, LCGC

11:15-12:00 **Platform research presentations**

- Gender-Expansive GC Practice, Kayla Lam-Little, MSGC
- Protestant Perspectives on Prenatal Genetic Services: Congruence Between Pastors and Laity, Ellen Brudi, MS
- Ethnic Differences in the Frequency of Cancer Reported from Family Pedigrees in the Prenatal Genetic Counseling Setting, Alex Palacios, MS

12:00-1:00 **LUNCH AND SPONSORED TALKS**

- **Current Testing Landscape and the Future of Next-Generation Cytogenomics** presented by Abby Stevens, MS, CGC with Lineagen and Bionano
- **Introduction to PGx with Fulgent Genetics** presented by Gregory Kellogg, MS, CGC
- **No Resting on Laurels: Continual Improvement in Variant Interpretation** presented by Robert Nussbaum, MD with Invitae
- **Single-gene NIPT for Recessive Conditions: A New Carrier Screening Workflow** presented by Jennifer Hoskovec, MS, CGC with BillionToOne

1:00-1:45 **POSTER SESSION WITH AUTHORS**

1:50-2:50 **Plenary 3:**
Fostering Inclusive Excellence in Genetic Counseling Graduate Program Admissions
Christina Palmer, PhD, MS
Genetic Counselors in the DEI Space: Courage in Practice
Aarin Ables Williams, MS, CGC

2:50-3:00 **BREAK**

3:00-3:45 **Plenary 4: The Importance of a Clinical Validity Database in the Age of Rapid Gene Discovery**
Bess Wayburn, PhD, LCGC

3:45-4:00 **Closing Remarks**
Amy Poole, MS, CGC and Jamie Beavers, MS, CGC (AEC Co-Chairs)

4:00-5:00 **ENGAGEMENT HOUR: SPONSORED TALKS**

- **Veronica: A Fabry Patient Story** presented by Amicus Therapeutics
- **Tools for Managing Urea Cycle Disorder Patients** presented by Horizon Therapeutics
- **Mosaicism ratio: Application to singleton and multifetal gestations** presented by LabCorp
- **Single-gene NIPT for Noonan Syndrome** presented by Natera
- **Stay in the Know: What's New With Whole Genome Sequencing?** presented by PerkinElmer Genomics
- **An IDEA(L) test: How comprehensive genetic testing is improving care for patients with ASD and ID** presented by Prevention Genetics
- **The Exome Blindspot: Variantyx Whole Genome Sequencing Finds what Exomes Miss** presented by Variantyx

Total CEUs available: 0.575 (5.75 contact hours)

POSTERS AND AUTHORS
(listed alphabetically by title)

“Area of Practice Change in Genetic Counselor: Perspectives, Motivation, and Helpful Skills”
Primary author: Cynthia Haag

“Attitudes and Perspectives on Genetic Counseling and Genetic Testing for Breast Cancer Risk Amongst Native Hawaiian Breast Cancer Survivors”
Primary author: Nicole Choy

“Genetic Counselor Attitudes on the Reporting of Variants of Uncertain Significance for Multigene Cancer Panels”
Primary author: Emmeline Chang

“Genetic Counselors' Knowledge of State Abortion Laws”
Primary author: Josephine Gao

“"LFS and Living My Best!" Pilot Study”
Primary author: Isabella Brink

“The Current Practice of Genetic Counseling in China: Preparing for the Challenges of Genomic Medicine”
Primary author: Lindsey Walker

“The value of mitochondrial genome analysis and approaches for difficult-to-sequence regions in hereditary hearing loss panel testing”
Primary author: Alicia Scocchia