

## Agenda for Accredited Sessions

<b>Tuesday, March 18</b>	<b>Session Title</b>	<b>CME P.A.C.E.®</b>	<b>NSGC</b>
10:00 am – 1:00 pm	Genomic Explorations: A Journey Through Cytogenetics Essential Training for the ABMGG LGG Alternative Certification Pathway	3	3
1:30 pm – 3:30 pm	Back to Basics: The Physical Exam is the Cornerstone of Precision Medicine	2	2
	Cultivating the Genetic Workforce: The Pipeline Approach		
	Rare Disease Advisory Councils State Advocacy for the Rare Disease Community		
2:00 PM – 5:00 pm	Genomic Explorations: A Journey Through Molecular Genetics Essential Training for the ABMGG LGG Alternative Certification Pathway	3	3
<b>Tuesday, March 19</b>	<b>Session Title</b>	<b>CME P.A.C.E.®</b>	<b>NSGC</b>
8:00 am – 9:30 am	Early Genetics Trainee and Faculty Forum - Clinical Genetics - Where Are We Headed?	1.5	1.5
10:00 am – 12:00 pm	2025 ACMG Foundation Awards and Presidential Plenary Session: Genetics in the Media – Entertainment, Public Education, Controversies and Ethical Dilemmas	1.75	1.75
1:30 pm – 3:00 pm	Evolution of Cytogenomic Technology: Real-World Applications of Optical Genome Mapping in the Laboratory	1.5	1.5
	Genetics in Some Arabic Countries: A Journey of Discoveries, Advances, and Struggles		
	Looking Ahead: Advances in Ophthalmic Genetics		
	Perspectives on Off-Label Use of Therapeutics in Rare Diseases		
3:30 pm – 5:00 pm	Diagnostic Dilemmas from the Undiagnosed Diseases Network	1.5	1.5
	Navigating the Current Landscape in Prenatal Genetics - Coverage, Politics and Laboratory Practice		
	Shifting the Paradigm to Consider Inherited Cancer Risks on a Continuum Rather than Binary		
<b>Thursday, March 20</b>	<b>Session Title</b>	<b>CME P.A.C.E.®</b>	<b>NSGC</b>
8:00 am – 9:00 am	Featured Platform Presentations	1	1
9:00 am – 10:00 am	TED-style Talks - Holly Tabor, Lauren Maucere and Grace Meier	1	1
10:30 am – 11:30 am	Poster Presentations Odd numbers	0	1.0

1:30 pm – 3:00 pm	Platform Sessions	1.5	1.5
1:30 pm – 3:30 pm	The ACMG/AMP/CAP/ClinGen Standards for Sequence Variant Classification	2	2
4:00 pm – 5:00 pm	Cardinal Signs	1	1
	Leveraging Digital Technology to Advance Patient Care in Prenatal Genetics		
	Challenges in Variant Science: Experiences from the Perspective of the Variant Scientist		
	Real-World Outcomes of Emerging Therapeutics: What's Happening After the Accelerated FDA Approval?		
5:10 pm – 6:10 pm	Identifying Common Issues and Solutions for Clinical Genetics Centers: Discussions in the Medical Director's SIG	1	1
	Emerging Therapeutics: Known and Expected Challenges of this New Era		
	Fetal Fentanyl Syndrome- A Teratogen Induced Embryopathy Masquerading as a Metabolic Disease		
	Advances in Genetic Predisposition to Childhood Leukemia		
<b>Friday, March 21</b>	<b>Session Title</b>	<b>CME P.A.C.E.®</b>	<b>NSGC</b>
8:00 am – 9:30 am	The Future for Monogenic Neurodevelopmental Disorders: Lessons from Angelman Syndrome and Brain Plasticity	1.5	1.5
	Use of Sex and Gender Identifiers in Clinical and Laboratory Genetics and Genomics (A ELSI and DEI Co-sponsored Session)		
	New Advancements and Trends in Cardiogenomics		
10:30 am – 11:30 am	Poster Presentations Even numbers	0	1
1:30 pm – 3:00 pm	Platform Sessions	1.5	1.5
	Current Debates in Reproductive Genetics: CNV Reporting in Cell Free Fetal DNA Screening and Genome Sequencing for All		
	N of 1 ASO Therapies: The How-Tos of Implementation		
3:30 pm – 5:00 pm	Genetics Counselor Forum: Sexual and Reproductive Health Counseling for Individuals with Intellectual Disability	1.5	1.5
	Somatic Cancer Variant Guidelines, Curation Models and Databases - A Decade of Development		
	Advances in the Clinical and Laboratory Approaches to Repeat Expansion Disorders		
	Current Practice and Future Prospects for Autologous Ex Vivo Gene Treatment and HSCT in Lysosomal Storage Disease		

	Importance of Paired Germline and Tumor Testing in Cancer Patients from Understudied Populations		
5:30 pm – 7:00 pm	Challenge the Experts - Pediatric and Prenatal Diagnostic Dilemmas (Rare Knowns and Unknowns)	1.5	1.5
	Medical Diagnostic Challenges (Adult and Cancer)		
	Laboratory Diagnostic Challenges: Constitutional and Neoplastic Cases in Molecular, Cytogenomic, and Biochemical Genetics Specialties		
<b>Saturday, March 22</b>	<b>Session Title</b>	<b>CME P.A.C.E.®</b>	<b>NSGC</b>
8:00 am – 9:30 am	The Future of Prenatal Genetics: A Journey Through Emerging Technologies and Ethical Issues	1.5	1.5
	Multidisciplinary Patient-Centered Care for Differences of Sex Development (DSD)		
	NAMA at ACMG: Unique Adult Presentations and Management of IEM (adults aren't just big kids)		
	Novel Splice-Driven Mechanisms of Human Genetic Diseases Unveiled by Long-Read RNA-Sequencing		
10:00 am – 12:00 pm	<i>R. Rodney Howell Symposium</i> : Using DNA as a Population Health Screen: ACMG's Efforts to Define a Primary Findings (PF) List for Health Screening	2	2
	<b>Total Accredited Educational Hours</b>	<b>28.25</b>	<b>30.25</b>