Agenda (only eligible sessions listed)

Please note as you are planning your agenda for the meeting, there is no partial credit for sessions. You may only claim credit for one full session per time block. Credits will not be available for on-demand content post-meeting. Credit hours are subject to change. Thank you for your understanding.

Time	Session Type	Session Number	Session Title	P.A.C.E.® Program Number	CME Credit Hours	NSGC Contact Hours	P.A.C.E.® Contact Hours
Tuesday, November 5							
10:00 am – 12:00 pm	Workshop	01	A Guide to Card Sort Methods for Engaging Participants and Patients	603-001-24	2.00	2.00	2.00
		02	Getting Started with Biomedical and Genomic Data in the All of Us Researcher Workbench	603-002-24			
		03	Using the New Ensembl Genome Browser and Variant Effect Predictor (VEP) to Analyse and Interpret Genomic Variation Data	603-003-24			
2:00 pm – 4:00 pm	Workshop	04	Building Understanding and Practical Skills in Community Engagement for Genetic Research	603-004-24	2.00	2.00	2.00
		05	Elevating Education: Engaging with Real Data and Tools in the Cloud	603-005-24			
		06	Hidden Features of the UCSC Genome Browser	603-006-24			
4:30 pm – 5:00 pm	Plenary	07	Presidential Welcome & Address	603-007-24	0.50	0.50	0.50
5:00 pm – 6:40 pm	Plenary	08	Featured Plenary Abstract Session I	603-008-24	1.75	1.75	1.50
Wednesday, November 6							
8:00 am – 9:30 am	Platform	09	A Heart to Heart on Cardiovascular Genetics in Health and Disease	603-009-24	1.50	1.50	1.50
		10	Advancements in Molecular and Cytogenetic Diagnostics	603-010-24			
		11	All the Single Cells	603-011-24			
		12	Beyond Genetic Discoveries: Novel Mechanisms of Neurodevelopmental Disorders	603-012-24			
		13	Biobank Scale Genetic Data Resources for Studying Complex and Rare Human Diseases	603-013-24			
		14	Cancer Risk: Novel Genes and Mechanisms	603-014-24	1.25	1.25	1.00
		15	Decoding Structural Variation at Scale	603-015-24	1.50	1.50	1.50
		16	I See Ghosts: Archaic DNA in Our Genomes	603-016-24			
10:45 am – 12:15 pm	Platform	17	Creative Community Engagement: Gathering Data for Better Participatory Research	603-017-24	1.50	1.50	1.50
		18	Machine Learning and AI Applications in Human Genetics	603-018-24			
		19	Mapping the Brain in Health and Disease	603-019-24			
		20	Moving Polygenic Risk Scores Closer to Clinical Implementation	603-020-24			

Wednesday, November 6							
10:45 am – 12:15 pm	Platform	21	Multimodal Approaches to Interpreting the Non-Coding Genome: Evolution, Functional Genomics, and Machine Learning	603-021-24	1.50	1.50	1.50
		22	New Frontiers in Multi-ancestry Methods for Complex Traits	603-022-24			
		23	Not Only Genetics: Integrating Other Omics Approaches	603-023-24			
		24	The Sex-Specific Landscape: Variation, Regulation, and Expression	603-024-24			
1:15 pm – 2:15 pm	Platform	25	Decoding Gene Expression Cis and Trans	603-025-24	1.00	1.00	1.00
		26	Genetic Approaches Informing Drug Targets and Mechanism	603-026-24			
		27	Interrogating Variant Function at Scale	603-027-24			
		28	Liver, Laugh, Love: New Insights into Liver Disease	603-028-24			
		29	Modeling Rare Neurodevelopmental Disorders in Human iPSCs and Mice	603-029-24			
		30	Novel Aspects of Modeling Genetic Architectures of Complex Traits	603-030-24			
		31	Therapies for Genetic Disorders	603-031-24			
		32	Unifying Multimodalities: Insights from Single Cell Analyses	603-032-24			
5:00 pm – 6:30 pm	Plenary	34	Presidential Symposium: Mendelian Traits: Thinking about Complexity in the World of "Simple" Genetics	603-034-24	1.50	1.50	1.50
Thursday, November 7							
8:00 am – 9:30 am	Featured Symposium	35	Advances in Artificial Intelligence Tools to Improve Clinical Diagnoses and Medical Genetics Education with an Emphasis on Diverse Datasets	603-035-24	1.50	1.50	1.50
		36	AJHG at 75: Looking to the Future of Human Genetics Research	603-036-24			
		37	Balancing Open Science and Patient Privacy in the Era of Precision Medicine	603-037-24			
		38	Contributions of Tandem Repeats to Human Variation, Traits, and Disease	603-038-24			
		39	Human Genetic Mosaicism: Diversity within Individuals	603-039-24			
		40	The Alzheimer's Disease Sequencing Project (ADSP): A Paradigm for Identifying Genetically Driven Therapeutics for a Global Complex Disease	603-040-24			
		41	TOPMed 10-Year Anniversary: Ongoing Success and Future Directions	603-041-24			
		42	Unveiling Genetic Mysteries: RNA Editing's Breakthrough in Disease and Gene Therapy	603-042-24			
10:15 am – 11:45 am	Platform	43	All about Implementation	603-043-24	1.50	1.50	1.50
		44	Alzheimer's Disease from Gene Discovery to Multi-omics Integration	603-044-24			
		45	Disease Insights from Omic-Wide Approaches	603-045-24			
		46	Diverse Epigenetic Marks in Health, Diagnosis, and Disease	603-046-24			
		47	From Variant to Function: Prediction and Understanding Variants Function	603-047-24			

Thursday, November 7							
10:15 am – 11:45 am	Platform	48	Novel Genetic, Genomic, and Epigenetic Resources in the Era of Big Data	603-048-24	1.50	1.50	1.50
		49	Polygenic Risk Scores: Novel Methods for Modeling Risk	603-049-24			
		50	The Context of All in Which We Live: Gene by Environment Interactions	603-050-24			
1:15 pm – 2:15 pm	Platform	51	3D Chromatin and Epigenomics	603-051-24	1.00	1.00	1.00
		52	Computational Methods for Causal Variant Prioritization	603-052-24			
		53	Dysfunction at the Powerhouse: Molecules, Models, and Organisms	603-053-24			
		54	Expanding the Table: Considerations for Inclusion in Genetics and Genomics	603-054-24			
		55	Insights into Somatic Mosaicism and Human Diseases	603-055-24			
		56	Neurogenomic Approaches Translating Risk Variants to Disease	603-056-24			
		57	Population Genetics Methods Matter	603-057-24			
		58	Scaling Structural Birth Defects	603-058-24			
5:00 pm – 6:40 pm	Plenary	60	Featured Plenary Abstract Session II	603-060-24	1.75	1.75	1.50
Friday, November 8							
8:00 am – 9:30 am	Featured Symposium	61	Aging, Clonal Hematopoiesis, and Our Health	603-061-24	1.50	1.50	1.50
		62	Cross-Examining the Rare and Common Variant Architecture of Psychiatric Conditions, Brain Structure, and Function	603-062-24			
		63	Face the Facts: The Impact of Advances in Data Science on Translational Research	603-063-24			
		64	For the Children: Genomics to Improve the Health of Pediatric Patients and Their Families	603-064-24			
		65	How Do We Describe and Ascribe Clinical Significance to the Non-coding Genome?	603-065-24			
		66	Improving Health Equity in Genomics: Interventions and Implementation Efforts to Address Disparities in Genetic Services Research	603-066-24			
		67	Model Organisms to the Rescue: Next Generation Animal Models for Precise Phenotyping of Complex Diseases	603-067-24			
		68	Not Only Transcription Intermediates: The Roles of R-loops in Genome Stability and Brain Disease	603-068-24			
10:15 am – 11:45 am	Platform	69	Complex Traits and Other Omics	603-069-24	1.50	1.50	1.50
		70	Exploring the Genetic Spectrum of Obesity	603-070-24	1.25	1.25	1.00
		71	Long-Read Transcriptomes in Health and Disease	603-071-24	1.50	1.50	1.50
		72	Pharmacogenomics: DNA and Drugs	603-072-24			
		73	Stats Just Wanna Have Fun: New Methods in Statistical Genetics	603-073-24			

Friday, November 8							
10:15 am – 11:45 am	Platform	74	The Non-coding Genome: From Nucleotide to Protein	603-074-24	1.50	1.50	1.50
		75	Tick-Tock: The Aging Genome	603-075-24	1.25	1.25	1.00
		76	Translating Genetics into Screening Programs	603-076-24	1.50	1.50	1.50
1:15 pm – 2:15 pm	Platform	77	Exploring Omics: From Genomes to Microbiomes	603-077-24	1.00	1.00	1.00
		78	Genetics of Human Brain: Regulation, Disease Risk, and Assortative Mating	603-078-24			
		79	Lessons from Height	603-079-24			
		80	Linking Non-coding Variation to Function via Diverse Epigenetic Mechanisms	603-080-24			
		81	Rare Variants and Admixture Modeling in Diverse Population	603-081-24			
		82	Read All about It: Transcriptomic Insights from New Sequencing Technologies	603-082-24			
		83	Splice Splice Baby: Isoform Expression in Health and Disease	603-083-24			
		84	Strategies to Interpret Germline Variants in Cancer Predisposition Genes	603-084-24			
5:00 pm – 6:40 pm	Plenary	86	Featured Plenary Abstract Session III	603-086-24	1.75	1.75	1.50
Saturday, November 9							
8:00 am – 9:00 am	Platform	87	Framing Heritability for Complex Traits	603-087-24	1.00	1.00	1.00
		88	Keeping It REnAL! Genetic Studies of Kidney Disease	603-088-24			
		89	Long-Read Sequencing Offering New Insights into Neurological Disease	603-089-24			
		90	Tumor Genome Landscape Studies	603-090-24	.75	.75	.50
		91	Unraveling the Complexity of Polygenic Inheritance	603-091-24	1.00	1.00	1.00
9:30 am – 10:30 am	Platform	92	Genetic Information in Breast Cancer Risk Assessment and Screening	603-092-24	1.00	1.00	1.00
		93	Modeling Ataxia and Neuropathy	603-093-24			
		94	More than One Way to Break a Gene - Variant Effects on RNA	603-094-24			
		95	Phenomenal PheWAS	603-095-24			
		96	Technology for Translation	603-096-24			
TOTAL CREDIT COUNT					**25.25 CME**	**25.25 NSGC**	**24.50 P.A.C.E.®**