

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 <u>not</u> be available for on-demand content post-meeting. Credit hours are subject to change.								
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	CBGC Credit Hours
Monday, October 19								
2:00 pm – 5:00 pm	Workshops and Courses	1	Short Course: Active Learning Strategies for Teaching Variant Curation (Part 1 of 3)	603-001-26	3	3	3	0
2:00 pm – 5:00 pm	Workshops and Courses	2	Short Course: UCSC Genome Browser (Part 1 of 3)	603-002-26	3	3	3	0
Tuesday, October 20								
9:00 am – 12:00 pm	Workshops and Courses	3	Short Course: Active Learning Strategies for Teaching Variant Curation (Part 2 of 3)	603-003-26	3	3	3	0
9:00 am – 12:00 pm	Workshops and Courses	4	Short Course: UCSC Genome Browser (Part 2 of 3)	603-004-26	3	3	3	0
9:00 am – 12:00 pm	Workshops and Courses	5	Nextflow for Omics: Jumpstart your Analyses with nf-core Pipelines	603-005-26	3	3	3	0
10:00 am – 12:00 pm	Workshops and Courses	6	Modeling Choices in Omics: Implications for Health Disparities in Human Genetics	603-006-26	2	2	2	0
10:00 am – 12:00 pm	Workshops and Courses	7	Strategies for Communicating Your Science	603-007-26	2	2	2	0
10:00 am – 4:00 pm	Workshops and Courses	8	Using AI-Enhanced, Multiomic Tools to Solve Rare and Undiagnosed Diseases	603-008-26	5	5	5	0
1:00 pm – 3:00 pm	Workshops and Courses	9	Short Course: Active Learning Strategies for Teaching Variant Curation (Part 3 of 3)	603-009-26	2	2	2	0
1:00 pm – 3:00 pm	Workshops and Courses	10	Short Course: UCSC Genome Browser (Part 3 of 3)	603-010-26	2	2	2	0
1:00 pm – 3:00 pm	Workshops and Courses	11	Fine-mapping and Colocalization with Structural Variants: Practical Workflows Using GWAS and Multi-omic Summary Statistics	603-011-26	2	2	2	0
1:00 pm – 4:00 pm	Workshops and Courses	12	Leadership Development Workshop: Leading from Where You Are	603-012-26	3	3	3	0
1:00 pm – 4:00 pm	Workshops and Courses	13	Best Practices for Working with AI in Variant Interpretation in Clinical Genome Analysis	603-013-26	3	3	3	0
4:30 pm - 5:00 pm	Plenary	14	Finding Your Voice in Science: Reflections on Leadership and Resilience	603-014-26	0.5	0.5	0.5	0
Wednesday, October 21								
8:15 am – 9:45 am	Featured Symposia	16	Adult DNA-Based Population Genomic Screening: Moving from Pilots to Practice	603-016-26	1.5	1.5	1.5	1.5
		17	Autism Genetics: Integrating Biological Insights with Societal Impacts	603-017-26				
		18	Beyond GWAS: Translating Human Genetic into Therapeutic Targets and Clinical Development	603-018-26				
		19	Genomics of Sex Differences and Reproductive State Across the Life Course: Context, Timing, and Biological Transitions	603-019-26				
		20	Human Mutational Processes Underlying Genomic Signatures, Cancer, and Evolution	603-020-26				
		21	Integrating AI and Knowledge Graphs for Human Genetics and Beyond: Innovations from the NIH Common Fund Data Ecosystem	603-021-26				

		22	The All of Us Research Program At 10 years: 500,000+ Genomes Advancing Precision Medicine	603-022-26		0		0	
		23	Unique Considerations for Deceased Human Donor Tissue Biobanks to Support Innovative Genomic Studies	603-023-26		1.5		1.5	
11:00 am – 12:00 pm	Platform	24	Clone Wars: Mutability and Its Consequences	603-024-26	1	1	1	1	
		25	Detecting Human Adaptation: Methods, Drivers, and Health Impacts of Natural Selection	603-025-26					
		26	Mapping Genetic Relatedness at Biobank Scale: Uncovering Hidden Signal from Rare Variants to Parent-of-Origin Effects	603-026-26					
		27	Mice, Mutations, and Molecular Mysteries	603-027-26					
		28	Promise and Peril of Sequence-to-Function Models for Variant Effect Predictions	603-028-26					
		29	Rare Variants, Big Insights: Illuminating Human Disease Genetics	603-029-26					
12:00 pm – 1:30 pm	Professional Education Sessions	32	Ethical and Cultural Implications: Navigating the Future of Genomics Research	603-032-26	1.5	1.5	1.5	1.5	
1:30 pm – 2:30 pm	Lightning Talk	33	Advances in Clinical Genomics in the Era of AI, Long-Read Sequencing, Precision Medicine, and Genomic Care Delivery	603-033-26	1	1	1	1	
		34	Advances in Population Genetics, Genetic Epidemiology, and Omics	603-034-26		0		0	
		35	Advancing Precision Oncology with AI, Functional Genomics, and Multi-Omics: From Risk Prediction to Tumor Evolution and Therapeutic Discovery	603-035-26					
		37	Decoding Genetic Risk Across Ancestry and Sex in Polygenic Disorders	603-037-26		1		1	
		38	Genetic Variation: From Catalogs to Consequences	603-038-26					
2:30 pm – 4:30 pm	Posters		Wednesday Poster Presentations		0	2	0	1	
4:30 pm – 6:15 pm	Plenary	39	Awards Recognition & Presidential Symposium: Communicating Science in an Uncertain World: Evidence, Storytelling, and Public Trust	603-039-26	1.25	1.25	1.25	1.25	
Thursday, October 22									
8:15 am - 9:30 am	Professional Education Sessions	103	Innovation Through Adversity: How Global Genomics Partnerships Are Evolving to Meet New Challenges	603-103-26	1.25	1.25	1.25	1.25	
8:15 am – 9:45 am	Platform	40	Charting Human Genetic Variation Across Genomes, Populations, and Time	603-040-26	1.5	1.5	1.5	1.5	
		41	Chromatin in Motion: Epigenetic Control of Brain Development and Disease	603-041-26		0		0	
		42	From Labels to Landscapes: Leveraging Local Ancestry and the Ancestry Continuum to Maximize Cross-Ancestry Association	603-042-26					
		43	Genetic Associations and Mechanisms in Cardiovascular Disease	603-043-26		1.5		1.5	
		45	New Adventures in Molecular Trait Mapping	603-045-26					
		46	Sequence Models Transforming Genetics and Genomics	603-046-26					
		47	The Long and Short of It: Long-Read Genomics from Biobanks to the Clinic	603-047-26					
11:00 am – 12:00 pm		48	Cancer Susceptibility: Germline Effects on Risk, Mechanisms, and Mutations	603-048-26					
		49	Cross-Disease Insights into Neuropsychiatric and Neurodegenerative Disorders	603-049-26					

11:00 am – 12:00 pm	Platform	50	Gene Regulatory Networks Across Development, Evolution, and Disease	603-050-26	1	1	1	1
		52	New Frontiers in Mitochondrial DNA Research	603-052-26				
		53	Pivoting from Gene-Level Analyses to Isoform-Resolved Biology	603-053-26				
		54	Polygenic Risk Score: From Modeling to Clinical Decision	603-054-26				
		55	Uptown Funk(tion): Don’t Believe Me, Just Perturb	603-055-26				
1:30 pm – 2:30 pm	Platform	56	EHR-Based Computational and AI Approaches in Clinical Genetics	603-056-26	1	1	1	1
		58	Global and Cultural Perspectives on Genomic Risk and Implementation	603-058-26				
		59	Integrative Genomics of Immune Regulation Across Infection, Inflammation, and the Lifespan	603-059-26				
		61	Leveraging Pharmacogenomics for Drug Trial-Level Evidence	603-061-26				
2:30 pm – 4:15 pm	Plenary	62	Awards Recognition & Plenary Abstract Session II	603-062-26	1.25	1.25	1.25	1.25
4:15 pm – 6:15 pm	Posters		Thursday Poster Presentations		0	2	0	1
Friday, October 23								
8:15 am – 9:45 am	Featured Symposia	63	AI Across the Diagnostic Odyssey: From Variant Interpretation to Computable Phenotypes	603-063-26	1.5	1.5	1.5	1.5
		64	Emergence of Complex Traits at the Intersection of Genomics, Exposomic, and Time	603-064-26				
		65	Epi-Mutations: The Underrepresented Paradigm in Genetics	603-065-26				
		66	Host-Pathogen Coevolution: Shaping Genetic Diversity and Disease Resistance	603-066-26				
		67	Pharmacogenomics: Moving Beyond Gene-Drug Pairs	603-067-26				
		68	Recent Advances and Opportunities Across the African Disease Genomics Landscape	603-068-26				
		69	The IGVF Consortium: Deciphering the Impact of Genomic Variation on Genome Function	603-069-26				
		70	Translational Models for Substance Use Disorders	603-070-26				
11:00 am – 12:00 pm	Platform	71	Genetics of Cardiometabolic Traits	603-071-26	1	1	1	1
		72	New Methods for Detecting Clonal Hematopoiesis and Somatic Variation Across Scales	603-072-26				
		73	New Tricks for Tackling Unsolved Neurodevelopmental and Neuromuscular Disorders	603-073-26				
		75	RNA Unbound: New Regulatory Layers from Modifications to Circular RNA in Disease	603-075-26				
		77	Splicing in Disease Etiology	603-077-26				
		104	What's Next in Genetics and Genomics: Late Breaking Science	603-104-26		0		0
1:30 pm – 2:30 pm	Platform	79	Decoding Malformation Syndromes: New Disease Genes Across Organ Systems	603-079-26	1	1	1	1
		80	MAMO: Multi-Ancestry-Aware Multi-Omics Analysis for Complex Diseases	603-080-26				
		82	Multi-Omics Perspectives on Immune Regulation, Adaptation, and Inflammatory Disease	603-082-26				
		83	New Insights into the Genetic Basis of Neurodegenerative Conditions	603-083-26				
		84	New Machine Learning Approaches in Genetics and Genomics	603-084-26				
		85	Operationalizing Precision: Frameworks, Platforms, and Target Discovery for Individualized Genomic Therapies	603-085-26				

1:30 pm – 2:30 pm	Professional Education Sessions	87	The Future of Gene Therapy: Policy Pathways for Safe, Scalable Innovation	603-087-26	1	1	1	1
	Posters		Friday Poster Presentations		0	2	0	1
2:30 pm – 4:30:00 PM	Plenary	88	Awards Recognition & Plenary Abstract Session III	603-088-26	1.25	1.25	1.25	1.25
Saturday, October 24								
8:15 am – 9:15 am	Platform	89	Decomposing Diabetes: Approaches for Understanding Diabetes Heterogeneity	603-089-26	1	1	1	1
		90	From Autoimmune Risk Variants to Cell States and Target Genes: Integrative Genetic Dissection of Immune-Mediated Disease	603-090-26				
		91	Rethinking Genomic Discovery: New Methods for a Complex Genetic Landscape	603-091-26				
		92	The Selection Paradox: Why Disease Variants Persist	603-092-26				
		93	Translational and Technological Advances in Genetic Therapies	603-093-26				
8:15 am – 11:15 am	Workshops and Courses	94	Assessing Genetic Variants for RNA and Gene Editing Therapeutic Approaches	603-094-26	3	3	3	0
8:15 am – 10:15 am	Workshops and Courses	95	Beyond the Blueprint: GENE-ius Interactive Strategies for Engagement	603-095-26	2	2	2	0
8:15 am – 10:15 am	Workshops and Courses	96	The Human Pangenome Release 3: Data, Tools, Applications, and Ethics	603-096-26	0	2	2	0
9:45 am – 10:45 am	Platform	97	Cancer Under Pressure: Genomics of Therapy Response and Resistance	603-097-26	1	1	1	1
		98	Decoding Sensory Diseases: Germline, Somatic, and Regulatory Mechanisms	603-098-26				
		99	Genomic Medicine in Underrepresented and Diverse Populations	603-099-26				
		100	Move Over SNPs: Structural Variants, Repeat Expansions, and More	603-100-26				
		101	X,Y and Why? - Mechanism of Sex Bias in Neuronal Disorders	603-101-26				
TOTAL CREDIT COUNT					28.25 CME	34.25 NSGC	27.5 P.A.C.E.®	20.45 CBGC