Diversity, Equity, and Inclusion

	Session Title	Session Time	Location	Session Number
Thursday, November 2	Multi-ancestry methods: This is the way	8:30 - 10 AM	Conv Ctr/Ballroom C/Level 3	Session 010
	Pharmacogenomics in the era of next-generation sequencing	8:30 - 10 AM	Conv Ctr/Room 147A/Level 1	Session 013
	The health equity puzzle: Piecing together disparities for a fairer future	8:30 - 10 AM	Conv Ctr/Room 202A/Level 2	Session 015
	The cost of inappropriate prediction algorithms on the health of minority individuals in large care-based Electronic Health Record	9 - 9:15 AM	Conv Ctr/Room 202A/Level 2	Presenter 005
	Landscape of diversity in the genomics workforce: a review and analysis of relevant literature	9:45 - 10 AM	Conv Ctr/Room 202A/Level 2	Presenter 008
	Ancestry-specific regulatory and disease architectures are likely due to cell-type-specific gene-by-environment interactions	12 - 12:15 PM	Conv Ctr/Room 146B/Level 1	Presenter 008
	Diversity, Equity, and Inclusion Luncheon *ticket required* (sold out)	12:15 - 1:45 PM	Conv Ctr/Room 151AB/Level 1	
	Diversity, Equity, and Inclusion Reception *ticket required*	7:30 - 9:30 PM	Marriott Marquis Hotel/Salon 4	

	Session Title	Session Time	Location	Session Number
Friday, November 3	Can we promise precision medicine to all?	8:30 - 10 AM	Conv Ctr/Room 146B/Level 1	Session 048
	Does size matter? Changing the rules of human genetics with miniproteins	8:30 - 10 AM	Conv Ctr/Room 145A/Level 1	Session 049
	Understanding human genetic variation through the lens of germ cell biology	8:30 - 10 AM	Conv Ctr/Room 202A/Level 2	Session 055
	Use of race, ethnicity, and ancestry as population descriptors in genetics and genomics research	8:30 - 10 AM	Conv Ctr/Ballroom A/Level 3	Session 056
	A Common Vision of Accelerated Genomic Research Discovery: 100,000 Genomes and the BIG Initiative	8:35 - 8:50 AM	Conv Ctr/Room 146B/Level 1	Presenter 003
	The role of All of Us to recruit a large diverse participant pool	8:50 - 9:05 AM	Conv Ctr/Room 146B/Level 1	Presenter 004
	Project Genetic Inclusion by Virtual Evaluation	9:05 - 9:20 AM	Conv Ctr/Room 146B/Level 1	Presenter 005
	Expanded newborn screening using first-tier genome sequencing for highly penetrant early onset conditions to increase health equity for children	11 - 11:15 AM	Conv Ctr/Room 147A/Level 1	Presenter 004
	Advancing Global Data Sharing and Complex Considerations	3 - 4:15 PM	Conv Ctr/Room 152AB/Level 1	
	Presidential Symposium: Delivering on the Promise and Future of Genetic and Genomic Medicine, Not a Sisyphean Task	5:30 - 7 PM	Conv Ctr/Ballroom ABC/level 3	Session 088

	Session Title	Session Time	Location	Session Number
Saturday, November 4	Equitable access to genomics research: Australian Aboriginal leadership, expertise, and experience	8:30 - 10 AM	Conv Ctr/Ballroom B/Level 3	Session 091
	Harnessing return of value: Progress in returning genomic results to individuals in diverse, large-scale programs	8:30 - 10 AM	Conv Ctr/Ballroom C/Level 3	Session 092
	Delivering on The Promise to Participants: DNA Results for All of Us	8:35 - 8:50 AM	Conv Ctr/Ballroom C/Level 3	Presenter 003
	Engaging the Public on the Risks, Potential Benefits, and Ethical Responsibilities of Social and Behavioral Genomics	8:55 - 9 AM	Conv Ctr/Room 146B/Level 1	Presenter 006
	Advancements in genome sequencing: Unraveling genetic factors in human health, disease, and phenotypic diversity	10:30 AM - 12 PM	Conv Ctr/Room 202A/Level 2	Session 096
	Insights from an exome sequencing study on ethnically diverse cohort of 18,994 patients with suspected rare Mendelian disorders.	11:30 - 11:45 AM	Conv Ctr/Room 202A/Level 2	Presenter 007
	CoLab Session Presented by ASHG Impact Partner Illumina: The importance of diversity and inclusion in the genomics space	12:15 - 12:45 PM	Conv Ctr/Exhibit & Poster Hall AB/Theater 3	
	Deciphering the current landscape of PGS prediction in diverse populations - phenome-wide evaluations of genetic risk in the biobank at the Colorado Center for Personalized Medicine	6 - 6:20 PM	Conv Ctr/Ballroom ABC/Level 3	Presenter 006

	Session Title	Session Time	Location	Session Number
Sunday, November 5	Advances in applied ancestry and admixture	8:30 - 9:30 AM	Conv Ctr/Room 147A/Level 1	Session 128
	Leveraging multiple fine-tuning datasets and genetic ancestry continuum information to harmonize PRS for admixed populations	9:15 - 9:30 AM	Conv Ctr/Room 147A/Level 1	Presenter 006

	Poster Name	Poster Number
Posters	Towards precision medicine: Factor analysis-driven phenome-wide data integration for enhanced polygenic score performance	PB4403
	Multi-trait GWAS for diverse ancestries : Mapping the knowledge gap	PB4289
	Comparison of ancestry calibration methods for colorectal cancer polygenic risk score to ensure equity in the clinic.	PB4096
	Equity and human rights perspectives on multigene panel testing for cancer: Health insurance coverage in Japan and Switzerland.	PB2377
	Minimizing uncertainty and increasing equity in genetic testing: the role of machine learning tools in the classification of genetic variants	PB3239
	A multivariate fixation index for measuring genomic differentiation of human populations	PB3004
	A harmonized public resource of deeply sequenced diverse human genomes.	PB4441
	A multi-ethnic reference panel to impute classical and non-classical HLA class I alleles: Enhancing HLA imputation accuracy in admixed populations.	PB4016
	Ancestry-informed regression identifies ancestry-specific effects for multiple sclerosis risk in Hispanic / Latino and African American populations.	PB1354
	Diagnostic yield of genome and exome sequencing in the ancestrally diverse CSER Phase II consortium is not associated with genetic ancestry in a variety of clinical settings	PB3034
	Genetic study in African ancestry populations identifies 16 novel loci associated with lung cancer risk.	PB5056
	Genomics return of results to participants in the All of Us Research Program	PB2388
	Genetic affinities of “White and Asian” and “Any other Asian” self-identifying UK Biobank participants.	PB3061
	Racial differences in UGT1A1 allele frequencies and its potential impact in pharmacogenetic testing for cancer chemotherapy drugs.	PB2195
	Copy number variants associated with neuropsychiatric traits differ in prevalence across ancestry groups.	PB4103
	Whole-genome Sequencing Analysis of Body Mass Index in the Trans-Omics for Precision Medicine (TOPMed) Program Identifies Novel African Ancestry-specific Risk Allele	PB1882
	Learning portable polygenic risk score models with mixtures of pre-trained experts to improve accuracy across the continuum of ancestry	PB4247
	Multi-ancestry transcriptome predictions with functionally informed variants improve transcriptome-wide association studies in TOPMed MESA	PB4283
	Multi-trait GWAS for diverse ancestries : Mapping the knowledge gap	PB4289
	A reference panel to improve genotype imputation for Native Hawaiians	PB3008
	Genetic Diversity of variants involved in drug response among Tunisian and Italian populations: implication for personalized medcine	PB2154
	Assessing the Demographics of Clinical Genome Resource Members: an initial step toward enhancing diversity in an international consortium.	PB2350
	Diversity and Representation of South Asian Genomes	PB3038
	Identifying health disparities and differential healthcare usage within the biobank at the Colorado Center for Personalized Medicine using identity-by-descent clustering	PB3077
	Introducing an optimized, automated pipeline for phasing, local ancestry inference, and Tractor GWAS on admixed cohorts	PB4230
	Genomic alterations in lung cancer among never-smokers: An ancestry and sex-stratified analysis.	PB5061
	Diversity in the All of Us Research Program: race, ethnicity, and genetic ancestry	PB3039
	Investigating ancestry-specific genetic variation in apolipoprotein L genes associated with electronic health record phenotypes in diverse patient biobanks	PB1614
	Identifying demographic, socioeconomic, behavioral, and environmental factors contributing to disparities in the prevalence of sepsis	PB4204