HCHS/SOL Consortia Involvement

	Tracking Number	Acronym	HCHS/SOL Liaison	Website/Publication	Details/Comments	HCHS/SOL Approval	Funding/ Activity Status
1	C-2025-03	CCC Inflamation	Carlos Rodriguez		**Inflammation, Subclinical Markers, and Cardiovascular Disease: the Cross-Cohort Collaboration (CCC)**	SC 7/9/2025	Active
2	C-2025-02	DRPP	Sanaz Sedaghat, Carmen Isasi & Hector Gonzalez	[Krefman AE, et al. Cohort Profile: Dementia Risk Prediction Project (DRPP). Int J Epidemiol. 2024 Feb 1;53(1) PMID: 38339864; PMCID: PMC10858348.](#)	**Dementia Risk Prediction Project (DRPP) Consortium**	SC 8/13/2025	Active
3	C-2025.01	COSMIC	Tomar Sofer	https://www.unsw.edu.au/cheba/research-and-impact/consortia/cosmic	**Cohort Studies of Memory in an International Consortium (COSMIC)**	SC approval February 2025	Active
4	C-2024.01	CCC	Carlos Rodriguez	https://chs-nhlbi.org/node/6539	**Cross-Cohort Collaboration (CCC)** is a harmonized dataset of twenty-three prospective cohort studies predominantly in the US. The CCC has harmonized data across these studies spanning 322 782 participants (13 traditional cardiovascular cohorts and 10 noncardiovascular cohorts aimed at studying aging). The scientific focus is on addressing chronic disease generally, although many of the cohorts involved have focused on aging, cardiometabolic and cardiovascular diseases.	SC approval May 2024	Active
5	C-2023.05	DEFINE-T2D	Qibin Qi	https://www.cuanschutz.edu/define-t2d	**Definition, Etiology, Function: INtegration to Enhance Type 2 Diabetes treatment (DEFINE-T2D) Consortium**; Characterizing type 2 diabetes (T2D) subtypes in the U.S. to improve prevention, diagnosis, treatment, and management (Site title (Longitudinal omics-based trajectories of type 2 diabetes subtypes: the T2D Heterogeneity Consortium)	SC approval July 2023;	Funded by NIH/NIDDK in 2024/Active
6	C-2023.04	DEFINE-T2D		https://www.cuanschutz.edu/define-t2d	**Definition, Etiology, Function: INtegration to Enhance Type 2 Diabetes treatment (DEFINE-T2D)**	SC approval August2023	Funded by NIH/NIDDK in 2024/Active

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			Qibin Qi (PI Michael Bancks)		**Consortium**; Characterizing type 2 diabetes (T2D) subtypes in the U.S. to improve prevention, diagnosis, treatment, and management (Site title: Metabolomic and genomic expansion of type 2 diabetes subtyping in multiethnic populations)		
7	C-2023.03	MicroCardia	Robert Kaplan (PI Daniel Wang)		**Microbiome and Cardiometabolic Disease Consortium**: MicroCardio Consortium. included 8,117 gut microbiome metagenomesTrusted Source from ethnically and geographically diverse participants, including the U.S., China, Israel, and Germany.	SC approval June2023	Fundedy by NIH/NIDDK in 2020/Active
8	C-2023.01	CKD Prognosis Consortium	Robert Kaplan (PI Ballew)	https://www.ckdpc.org	**Chronic Kidney Disease Prognosis Consortium (CKD-PC)** is tasked with compiling and meta-analyzing the best available data on kidney measures and clinical outcomes , and currently The CKD-PC now includes data on >30 million participants from >120 cohorts spanning >40 countries, and has provided evidence for a global definition of CKD, the acceptance of new surrogate endpoints in clinical trials, and the establishment of important risk tools for use in clinical care.	SC approval June2023	Funded by NIH/NIDDK since 2009/Active
9	C-2022.01	NCI Cohort Consortium	Gregory Talavera	https://epi.grants.cancer.gov/cohort-consortium	**NCI: National Cancer Institute Cancer Cohort Consoritum** Extramural-intramural partnership formed by the National Cancer Institute (NCI) to address the need for large-scale collaborations to pool the large quantity of data and biospecimens necessary to conduct a wide range of cancer studies.	SC approval September 2023	Active
10	C-2021.01	gnomAD	Tamar Sofer	https://gnomad.broadinstitute.org	**The Genome Aggregation Database (gnomAD™)** is a resource developed by an international coalition of investigators, with the goal of aggregating and harmonizing both exome and genome sequencing data from a wide variety of large-scale sequencing projects, and making summary data available for the wider scientific community	*Administrative approval*	Active

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11	C-2020.12	Gene-Lifestyle	Kari North (PI: Dabeeru C Rao)	https://src.isr.umich.edu/research/projects/a-multi-ancestry-study-of-gene-lifestyle-interactions-and-multi-omics-in-cardiometabolic-traits	**A Multi-Ancestry Study of Gene-Lifestyle and Multi-Omics in Cardiometabolic Traits:** The objective of this study is to identify novel genetic loci associated with cardiometabolic traits through GWIS in large samples, to investigate gene-lifestyle interactions in the cardiometabolic trait loci, and to characterize the molecular effects underlying the interactions by leveraging existing "Omics" data such as DNA methylation, gene expression, and metabolites.	*Administrative approval*	Funded by NIH/NHBLI 2021/Active
12	C-2020.11	PAGE	Kari North	https://www.genome.gov/Funded-Programs-Projects/Population-Architecture-Using-Genomics-and-Epidemiology https://www.pagestudy.org	**PAGE: Population Architecture Genomics and Epidemiology** The PAGE Consortium investigates ancestrally diverse populations to gain a better understanding of how genetic factors influence susceptibility to disease. PAGE has a successful long-running collaboration studying the genetics of understudied groups. With over 143 publications, past achievements include studies discovering and characterizing CVD and CVD risk factor loci, developing statistical tools and genotyping arrays that have enhanced genomic studies in multi-population investigations, and investigating clinical applications of GWAS findings. PAGE Multi Ethnic Genotyping Array, is now the framework for the Global Diversity Array being used by the All of Us Research Program. Further, PAGE has developed an open and collaborative trainee-focused culture leading to hundreds of publications and dozens of PAGE trainees becoming faculty.	*Administrative approval*	Active
13	C-2020.10	LAGENO-BC	Humberto Parada (PI Laura Fejerma)		LAGENO-BC: Latin American Genetic/Genomics of Breast Cancer Consortium, subcohort of CONFLUENCE	*Administrative approval*	Funded by NIH/NCI in 2024/Active

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					Discovery susceptibility loci and etiology of breast cancer by subtypes, develop PRS for personalized risk assessment, discover loci for breast cancer prognosis, long-term survival, response to treatment, and second breast cancer. Includes ~28,500 Latin American breast cancer patients and ~32,600 unaffected women from 11 different countries and the U.S.		
14	C-2020.09	HISLA	Kari North		Discovery and fine-mapping of genetic loci for anthropometric traits. The Hispanic/Latino Anthropometry (HISLA) Consortium began in 2012 for obesity-related traits, now includes 27 studies of HL adults (>70k), and 4 studies of children/adolescents (>2k) from the United States and Latin America. HISLA has analyzed densely imputed genetic data in a sample of HL adults to identify and fine-map genetic variants associated with BMI, height, and BMI-adjusted waist-to-hip ratio (WHRadjBMI) and discovered multiple new loci for these traits.	*Administrative approval*	Active
15	C-2020.08	GUARDIAN	Robert Kaplan		GUARDIAN (Genetics Underlying Diabetes in Hispanics) Consortium	*Administrative approval*	
16	C-2020.07	GLIDE	John Shaffer, James Beck (PI Ingegerd Johansson)	https://www.umu.se/en/research/ projects/gene-lifestyle-interactions-in-dental-endpoints-glide/	GLIDE: Gene-Lifestyle Interactions and Dental Endpoints International initiative to investigate the genetic factors and gene-environment interactions influence dental health outcomes. This work generated a GWAS publication (PMID: 31235808) that has been important in the field of dental caries and periodontitis genetics. Specifically, this work has (1) served as the largest GWAS to date for informing oral health polygenic risk scores, (2) showed important genetic correlations of dental diseases with systemic diseases, and (3) showcased the benefits and limitations of combining clinical and self-reported data on dental diseases.	*Administrative approval*	

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17	C-2020.06	GIANT	Kari North	https://giant-consortium.web.broadinstitute.org/GIANT_consortium	Genetic Investigation of Anthropometric Traits is an iternational collaboration that seeks to identify genetic loci that modulate human body size and shape, including height and measures of obesity.	*Administrative approval*	Active
18	C-2020.05	CHARGE	Robert Kaplan	https://www.chargeconsortium.com	Cohorts for Heart and Aging Research in Genomic Epidemiology Facilitate GWAS meta-analyses and replication opportunities among multiple large and well-phenotyped longitudinal cohort studies.	*Administrative approval*	Active
19	C-2020.04	C4R (Now RECOVER)	Carlos Rodriguez (appointed on 8/13/25 SC call)	https://recovercovid.org	The Collaborative Cohort of Cohorts for COVID-19 Research (C4R) is a national prospective study of adults comprising 14 established US prospective cohort studies.	*Administrative approval*	Active (Now RECOVER)
20	C-2020.03	ADSP	Hector Gonzalez	https://adsp.niagads.org	Alzheimer's Disease Sequence Project (Note: Summary stats from SOL will be shared after main neurocognitive GWAS is published. The overarching goals of the Alzheimer's Disease Sequencing Project (ADSP) are to: 1) Identify new genes and genetic variations that contribute to increased risk for or protection against AD/ADRD, 2) Provide insight as to why these genes and variations impact AD/ADRD, 3)Identify potential avenues or approaches to transform genetic results into meaningful therapeutic targets for further development.	*Administrative approval*	Active
21	C-2020.02	GCVRC	Larissa Aviles-Santa	https://www.clinicaltrials.gov/study/NCT05466825	Global Cardiovascular Risk Consortium Incidence of CVD and attributable risk in relation to standard risk factors, by large geographic regions. The Global Cardiovascular Risk Consortium (GCVRC) brings together harmonized individual-level data from over 2 million individuals across 133 cohorts, 39 countries, and 6 continents, with recruitment ongoing Aims to elucidate the distribution of five major	*Administrative approval*	

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					cardiovascular risk factors (body mass index, systolic blood pressure, non-high-density lipoprotein cholesterol, current smoking, and diabetes) and their impact on cardiovascular disease (CVD) by geographical region and sex.The HCHS/SOL shared baseline data with the GCVRC. Although in the first analysis there was no allusion to race/ethnicity by world region, future analyses based on specific risk factors may do so.		
22	C-2020.01	PREPARED	Daniela Sotres-Alvarez	https://sph.tulane.edu/prepared-consortium	**Preconception Period Analysis of Risks and Exposures Influencing Health and Development (PREPARED)** Investigation of preconceptional exposures as determinants of long-term health outcomes for both mothers and their children. 23 cohorts with data on almost 200,000 women have combined to form this consortium, begun in 2018.	*Administrative approval*	Active
23	C-2011.01	NSRR	Susan Redline	https://sleepdata.org	**The National Sleep Research Resource (NSRR)** is an NHLBI-supported repository for sharing large amounts of sleep data (polysomnography, actigraphy and questionnaire-based) from multiple cohorts, clinical trials, and other data sources. Launched in April 2014, the mission of the NSRR is to advance sleep and circadian science by supporting secondary data analysis, algorithmic development, and signal processing through the sharing of high-quality data sets.	*Administrative approval*	Active
Approved Prior to Implementation of Tracking/Numbering System							
24		LAGC	Sylvia Smoller	https://www.latinamericangenomicsconsortium.org/	**Latin American Genomics Consortium (LAGC)** Established in 2019, the Latin American Genomics Consortium is a research initiative focused on promoting the practice of psychiatric genetic research in hopes of understanding the genetic		

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					makeup of Latin America. The LAGC has more than 100 active members, representing 9 different Latin American countries, Puerto Rico and the United States.		
25		C2P2	Ilir Agalliu / Robert Kaplan	https://epi.grants.cancer.gov/cohort-consortium/projecthub/activeprojects/project-proposal/21/	**Colorectal Cancer Pooling Project** To understand the role of modifiable (BMI, waist circumference, physical inactivity, cigarette smoking, lack of NSAID/aspirin use, red/processed meat intake, Western diet pattern, low fiber/fruit/vegetable/calcium intake, alcohol use, sleep patterns, antibiotic use) and non-modifiable (height, diabetes, allergies, family history of CRC, and inflammatory bowel disease) risk factors for early-onset versus late-onset CRC and to create a resource for future studies of racial disparity research and blood-based biomarkers of CRC.		
26		DBDC	Yasmin Mossavar-Rahmani, Qibin Qi, Robert Kaplan	https://dietarybiomarkerconsortium.org	The **Dietary Biomarker Development Consortium (DBDC)** connects experts in nutrition, data, and statistics to discover objective measures, biomarkers, that can inform individual dietary patterns and advance nutritional epidemiology.		
27		TOPMED	Robert Kaplan, Kari North	https://topmed.nhlbi.nih.gov	**Trans-Omics for Precision Medicine (TOPMed)**, is a program of the National Heart, Lung and Blood Institute (NHLBI), that aims to improve scientific understanding of the fundamental biological processes that underlie heart, lung, blood, and sleep disorders and advance precision medicine in ways that lead to disease treatments tailored to individuals' unique genes and environments. TOPMed supports these scientific advances through the integration of whole-genome sequencing (WGS) and other omics data (e.g., metabolic profiles, epigenomics, protein and RNA expression patterns) with molecular, behavioral, imaging, environmental, and clinical data		

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					from pre-existing parent studies that have large samples of human subjects with rich phenotypic characterization and environmental exposure data. TOPMed also collects environmental and behavioral data, such as dietary habits, physical activity, and socioeconomic factors, to provide a more comprehensive understanding of the factors that contribute to these disorders.HCHS-SOL constitutes one of the largest Hispanic groups in this multi-omics consortium. As of October 2025, 247 TOPMED papers have been published that have included data from the HCHS/SOL.		
Pending or No Longer Active							
28	C-2023.02	CARDIQ AI	Robert Kaplan (PIs Larisa Tereschenko and Jerome Rotter)		Foundation multi-modal AI models of space-time cardiac electrophysiology, genomics, proteomics, and sudden cardiac death (CARDIQ AI) Aims to develop novel AI methods and tools to empower transformative discovery research in cardiac electrophysiology, to advance the science of sudden cardiac arrest.	SC approval June2023; Revised approval August 2025	Pending review for NIH funding
29	C-2023.06	Rosas – T2D	Gregory Talavera		Classification of T2D and risk of comorbidities: the T2D Heterogeneity Consortium	SC approval September 2023	Not funded/Inactive
30		UNITED	Charles DeCarli	https://www.theunitedconsortium.com/about-us/	Global consortium on neuroimaging of neurodegenerative diseases The aim of the UNITED consortium is to improve diagnostics, treatment and eventually even prevention of neurodegenerative diseases worldwide.	Not formally approved	Pending