

HCHS/SOL Participant-Facing Ancillary Studies

	STUDY	RESEARCH AREA	PI AND FUNDING
1	2018.21 AIR	Neighborhood air quality and diabetes	Kaufman, R01ES030994
2	2019.06 ASTHMA	Lifestyle and environmental factors influencing asthma and lung function	Celedon and Isasi, R01HL152475
3	2020.03 C4R	Predictors of disease severity and long-term health effects of COVID-19	Oelsner and Barr subaward to Thomas and Nolen, OT2HL156812
4	2017.32 CAC	Coronary artery calcium, plaque density, and coronary remodeling	Daviglus, Budoff, Gallo, and Hou, R01HL152692
5	2014.09 CASAS	Micro and macro neighborhood built environment and cardiometabolic health	Allison and Gallo, R01DK106209
6	2015.22 CASITAS	Psychosocial and ecological correlates of women's sedentary behavior	Castañeda and Allison, 16SFRN27940007
7	2015.12 COMPASS	Cardiometabolic Outcomes, physical activity & sedentary behavior	Mossavar-Rahmani, Kaplan, Ramachandran, R01HL136266
8	2019.13 DAMAS	Lifestyle and genetic factors on mammographic density	Lindstroem, R01CA255082
9	2009.04 ECHO-SOL 1	Cardiac structure and function	Rodriguez, R01HL104199
10	2014.13 ECHO-SOL 2	Cardiac structure and function	Rodriguez, R01HL104199 (competitive renewal)
11	2018.17 ECHO-SOL 3	Cardiac structure/function	Rodriguez, R01HL158156
12	2014.07 FLOR	Preconceptional health and child adiposity (3-9yrs)	Sotres-Alvarez and Siega-Riz, R01DK116028
13	2013.08 GOLD 1 and 2	Microbiome and diabetes	Kaplan, Burk and Knight, R01MD011389
14	2013.08 GOLD 3	Microbiome and diabetes	Kaplan, Burk, Kizer & Price, R01DK134672
15	2023.06 GOLD 3.5	Microbiome and Alzheimer's disease and related disorders	Palacios and Kaplan, R01AG085320
16	2017.05 HOUSING MOBILITY	Health implications of housing instability management	Chambers, R03HL140265
17	2013.07 INCA	Cognitive impairment, Alzheimer's disease, and vascular dementia	Gonzalez, R01AG048642
18	2013.07 INCA 2	Biomarkers of Alzheimer's disease	Gonzalez and DeCarli, R01AG075758
19	2016.02 INCA-MRI	Vascular risk factors on brain health	DeCarli and Gonzalez, RF1AG054548
20	2019.01 MYOSTEATOSIS	Arterial stiffness and cardiac structure and function	Allison and Miljkovic, R01HL152790
21	2017.03 NAFLD	Nonalcoholic fatty liver disease and CVD	Kizer and Lima, R01HL144707
22	2011.03 OCULAR	Ocular Healthcare Utilization and Risk	Lee, IU58DP002652
23	2015.22 OJOS	Chronic eye disease	Joslin and Lee, UG1EY030410
24	2017.31 PASOS	Physical activity and peripheral arterial disease	Kaplan and Matsushita, R01HL146132

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25	2017.21 PWV	Arterial stiffness and neurocognitive function	Meyer, R01AG061088
26	2021.01 RHYTHM	Arrhythmias and vascular cognitive impairment	Chen, Gonzalez and Matsushita, RF1NS127266
27	2018.08 SANAR	Obstructive sleep apnea and vascular brain injury and mild cognitive impairment	Ramos, R01AG067568
28	2018.22 SGM	Sexual orientation, gender identity, stigma/discrimination, stress and CVD	Perreira and Poteat, R01HL149778
29	2008.02 SOCIOCULTURAL	Socioeconomic, sociocultural, and psychosocial factors contribute to CVD conditions	Gallo and Penedo, RC2HL101649
30	2008.03 SOLNAS	Nutrition and physical activity validation study	Mossavar-Rahmani, R01HL095856
31	2008.08 SUEÑO	Sleep habits an the effects of heart disease and related disorders	Patel, R01HL098297
32	2018.05 VIDA	Sedentary patterns and CVD risk factors	Carlson, R01HL148463
33	2008.05 YOUTH	Sociocultural factors and child obesity (8-16yrs)	Bangdiwala, Ayala, Delamater, Eckfeldt, Himes, Isasi & Perreira, R01HL102130

HCHS/SOL NON-Participant-Facing Ancillary Studies

AS# - RESEARCH AREA		PI AND FUNDING
1	2013.03 Common SNPs influencing arrhythmogenic adverse drug reactions	Avery, AHA Project # 15GPSPG239
2	2018.14 Inflammatory mediators in the development of cardiometabolic risk factors and T2D	Avery, R01HL147853
3	Hispanic Latino Lipid Consortium	Below, McCormick and North, R01HL151867
4	2018.16 Neighborhood Greenness and Cardiometabolic Health	Brown and Szapocznik, R01HL148880
5	2016.08 H Pylori Infection and asthma	Camargo, NCI intramural funding
6	2021.02 Community-Based Evaluation of Sudden Cardiac Death in Hispanics/Latinos	Chugh, R01HL145675
7	2019.05 Genetic, Psychosocial and Epigenetic Risk Factors for Preterm Birth and Low Birth Weight	Fernandez-Rhodes, internal funding
8	2023.04 Methylation & Childhood Obesity	Fernandez-Rhodes, internal funding
9	Toward Accurate Cardiovascular Disease Prediction in Hispanics/Latinos: Modeling Risk and Resilience Factors	Flores, R00HL157611
10	2021.09 Multi-omics study of ancestry enriched associations in Hispanics/Latinos	Franceschini and Sofer, R56HG013163, R01HG013163
11	2015.15 Genetics of kidney disease in diverse populations	Franceschini, R01DK117445
12	2022.03 Leveraging ancestry to map kidney loci	Franceschini, R01MD012765
13	2015.1 WGS and metabolomics that influence individual metabolite levels	Gibbs, UM1HG008898
14	2017.09 Neurocognitive aging, MCI and Alzheimer's disease DNA methylation among diverse Latinos	Gonzalez and Fornage, RF1AG061022
15	2008.01 Associations of genetic variants with complex diseases	Heiss, U01HG004803
16	2016.04 Dietary Patterns and Risk of Cardiovascular Disease	Hu and Qi, R01HL060712
17	2019.02 Early and life course socioeconomic adversity and dementia risk in Hispanics/Latinos	Isasi, DeCarli and Gonzalez, RF1AG077639
18	The role of stroke risk factors in the prevalence of stroke symptoms among Hispanic/Latinx Adults	Jimenez, R03HL160625
19	2014.08 Paxgene tube collection for whole blood RNA expression studies	Kaplan, internal funding
20	Chronic Inflammation and Type 2 Diabetes: A Multi-omics Approach	Li, R00DK122128
21	2024.22 Statistical Methods for Network-based Integrative Analysis of Microbiome Data	Ma, R01GM145772
22	2023.26 Language acculturation, hearing loss and cognitive function	Martinez Amezcua, R21AG089091

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23	2015.14 Fibroblast Growth Factor 23 and Sleep Disordered Breathing	Mehta, AHA funding
24	The effect of intergenerational education on cognitive outcomes for and among Latinos in the United States	Meza, F31AG071111
25	2022.05 Genomic contributions to FVIII and VWF levels, and identify new genomic loci	Morrison, De Vries and Smith, R01HL139553
26	2022.04 Deep learning and sitting posture classification and measure sedentary patterns	Natarajan, R01HL168535
27	2012.02 Genetic Epidemiology Causal Variants Across the Life Course	North
28	2012.02 Genetic Epidemiology of Causal Variants across the Life Course Phase II (CALiCo I)	North, U01HG007416
29	Microbiome Multi-Omics and Cognitive Decline in Latinos	Palacios and Tucker, RF1AG075922
30	2021.12 Associations between body fat and incidence of 13 obesity-related cancers	Parada, SDSU internal funding
31	2023.12 Tobacco-related biomarkers, nicotine metabolism, and genetic ancestry associations	Pérez-Stable, NIMHD intramural funding
32	2013.06 Persistent organic pollutants, endogenous hormones and diabetes	Persky, R01ES025159
33	C-2020.05 CHARGE consortium: omics discovery for CVD and aging phenotypes	PSATY, R01HL105756
34	2018.19 Metabolomics signatures underlying diet, lifestyle and gut microbiota for diabetes	Qi, R01DK119268
35	2021.19 A Multi-Ancestry Study of Gene-Lifestyle Interactions and Multi-Omics in Cardiometabolic Traits	Rao, R01HL156991
36	2019.12 Lipids, Apolipoproteins and Lp(a) and CVD	Rodriguez and Joshi, funded by Amgen Inc/Make Well Known Foundation
37	2021.11 Combining information from multiple circadian activity rhythm metrics to optimally detect mild cognitive impairment using a consumer wearable	Smagula, R21AG074094
38	2021.05 Using polygenic risk scores and omics to study how suboptimal sleep accelerates cognitive aging in diverse populations	Sofer, R01AG080598
39	2021.05 Leveraging omics data to understand sleep health and its consequences among diverse Hispanics/Latinos	Sofer, R01HL161012
40	2018.2 Social Stress, Epigenetics and Cardiometabolic Health of Youth	Suglia and Isasi, R01MD015204
41	2017.19 Social Stress, Epigenetics and Cardio-Metabolic Health	Suglia, R01MD013320
42	2019.11 Human Gut Microbiome and Incident Diabetes Risk in U.S. Populations	Sun and Qi, R01DK126698
43	2020.05 Food-based biomarkers, diet quality, and cardiometabolic health	Sun, R01DK120870
44	2021.1 Application of predictive biomarkers of sugars and animal protein intake for investigation of dietary measurement error and its effect on diet-disease associations	Tasevska, U01CA197902

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45	2009.06 Genetic predictors of insulin resistance, insulin clearance, beta cell function, and T2DM	Wagenknecht and Watanabe, R01DK085175
46	2021.16 Mediterranean Diet, Polyphenol-Rich Foods, Gut Microbiota and Type 2 Diabetes	Wang, R00DK119412
47	Dissecting heterogeneity of excessive daytime sleepiness and impact on cardiovascular diseases	Wang, R01HL153814
48	2021.07 The Epidemiology and Somatic Genomic Pathogenesis of Radon-Related Stroke	Whitsel, R01ES034050
49	Genetic Architecture of Cardiac Structure and Function and Its Impact on Heart Failure	Yu and Ramachandran, R01HL160793
50	2022.1 Metabolic Signatures Underlying Cardiac Function for Heart Failure in Multi-Ethnic Populations	Yu, R01HL141824
51	2017.14 Molecular Determinants of Atherosclerotic Cardiovascular Disease in Multi-ethnic Populations	Yu, R01HL168683
52	2021.06 Perfluoroalkyl Substances (PFASs) and Liver Cancer Risk	Zhang, U01CA259208
53	2016.12 Socioenvironmental exposome, aging and risk of diabetes	Zhao, R01DK137254
54	2021.08 Perfluoroalkyl substances and risk of kidney cancer in US men and women	Zheng and Lipworth, R01ES034014