

| Proposer | Authors | Title | Working Group(s) | HCHS/SOL Tracking # | Journal | Publication date | PMID |
|-----------------|---|---|---------------------------|---------------------|--------------------------|------------------|--------------------------|
| Shaffer, John R | Laurie CC, Marazita ML, Sanders AE, Offenbacher S, Salazar CR, Conomos MP, | Genome-wide association study of dental caries in the Hispanic Communities Health Study/Study of Latinos (HCHS/SOL) | Dental Genetics | MS 306 | Human Molecular Genetics | Feb-16 | 26662797 |
| | Conomos, Cecelia A. Laurie, Adrienne M. Stilp, Stephanie M. | Genetic Diversity and Association Studies in US Hispanic/Latino Populations: Applications in the Hispanic Community Health Study/Study of Latinos | | | AJHG | Jan-16 | 26748518 |
| | Conomos MP, Reiner AP, Weir BS, Thornton TA | Model-free estimation of recent genetic relatedness | | | AJHG | Jan-16 | 26748516 |
| Schick, Ursula | D, Hodonsky CJ, Morrison JV, Davis JP, Brown L, Sofer T, Conomos MP, Schur- mann C, | Genome-wide association study of platelet count identifies ancestry-specific loci in Hispanic/Latino Americans. | Blood Cell Count Genetics | MS 297 | AJHG | Feb-16 | 26805783 |

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| Dunn, Erin | Wiste A, Radmanesh F, Almli LM, Gogarten SM, Sofer T, Faul JD, Kardia SLR, | study (GWAS) and genome-wide by environment interaction study (GWEIS) of depressive symptoms in African American and Hispanic/Latina women | Anxiety/Depression Genetics | MS 291 | Depression and Anxiety | Apr-16 | 27038408 |
| Chen, Han | CL, Conomos MP, Stilp AM, Li ZL, Sofer T, Szpiro AA, Chen W, Brehm JM, Celedon JC, | Control for population structure and relatedness for binary traits in genetic association studies via logistic mixed models | | MS 353 | AJHG | Apr-16 | 27018471 |
| Franceschini, Nora | Rodan AR, Le TH, Gaulton KJ, Haessler J, Stilp AM, Kamatani Y, Zhu G, Sofer T, Puri S, | Trans-ethnic fine mapping highlights kidney-function genes linked to salt sensitivity | Chronic Kidney Disease (CKD) Genetics | MS 335 | AJHG | Sep-16 | 27588450 |
| Laurie, Cathy C | SiGN Steering Committee; Wasserthiel_Smoller, S; Laurie, Cathy C; Wong, Q | study of ischemic stroke subtypes in a multi-ethnic sample from the Stroke Genetic Network (SiGN) (NOTE: Published title slightly different) | | MS 274 | Lancet Neurology | Feb-16 | 26708676 |
| Sofer, Tamar | JR, Graff M, Qi QB, Stilp AM, Gogarten SM, North KE, Isasi CR, Laurie CC, Szpiro AA. | wide association studies with correlated individuals: Application to the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) | | MS 388 | Genetic Epidemiology | 1-Sep | 27256683 |

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| Browning, Sharon | Grinde K, Plantinga A, Gogarten SM, Stilp AM, Kaplan RC, Aviles-Santa ML, Brown- ing | Local ancestry inference in a large US-based Hispanic study: Hispanic Community Health Study / Study of Latinos (HCHS/SOL) | | MS 375 | G3 | 1-Jun-16 | 27172203 |
| Cade, Brian E | H, Stilp AM, Gleason KJ, Sofer T, Ancoli-Israel S, Arens R, Bell GI, Below JE, Bjornes AC, | Genetic associations with obstructive sleep apnea traits in Hispanic/Latino Americans | Sleep Genetics | MS 186 | American Journal of Respiratory and Critical Care Medicine- Blue | 1-Oct-16 | 26977737 |
| Dunn, Erin | Dunn, Tamar Sofer, Linda C. Gallo, Stephanie M. Gogarten, Kathleen F. Kerr, Chia- | Genome-wide association study of generalized anxiety symptoms in the Hispanic Community Health Study/Study of Latinos | Anxiety/Depression Genetics | MS 351 | Neuropsychiatric Genetics | Mar-17 | 27159506 |
| Qi, Qibin | SM, Emery LS, Louie T, Stilp A, Cai J, Schneiderman N, Aviles-Santa ML, Kaplan RC, | Genetic variation near IRS1 is associated with adiposity and a favorable metabolic profile in US Hispanics/Latinos | Anthropometry Genetics | MS 359 | Obesity | Nov-16 | 27663718 |
| Kramer, Holly | Adrienne M. Stilp, Cathy C. Laurie, Alex P. Reiner, James Lash, Martha L. Daviglius, Sylvia | African Ancestry–Specific Alleles and Kidney Disease Risk in Hispanics/Latinos | Chronic Kidney Disease (CKD) Genetics | MS 327 | journal of american society of nephrology | Mar-17 | 27650483 |

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| Sanders, Anne E | Sofer T, Wong Q, Kerr K, Agler C, Shaffer J, Beck J, Offenbacher S, Salazar C, North | Chronic Periodontitis Genome-Wide Association Study in the Hispanic Community Health Study / Study of Latinos | Dental Genetics | MS 301 | Journal of Dental Research | Jan-17 | 27601451 |
| Floyd, James | Colleen Sitlani, Christy Avery, Raymond Noordam, Xiaohui Li, Albert Smith, Jin | Large-scale pharmacogenomic study of sulfonylureas and the QT, JT, and QRS intervals: CHARGE Pharmacogenomics Working Group | Electrocardiography (ECG) Genetics | MS 396 | Pharmacogenomics | 12/13/2016 | 27958378 |
| Sanders, Anne E | D, Sofer T, Kerr K, Laurie CC, Shaffer JR, Marazita ML, Kaste L, Slade G, Fillingim R, | GWAS Identifies New Loci for Painful Temporomandibular Disorder: Hispanic Community Health Study / Study of Latinos | Dental Genetics | MS 380 | Journal of Dental Research | 3/1/2017 | 28081371 |
| Avery, Christy | Sitlani CM, Avery CL, Stewart DJ, Gogarten JD, Wiggins KL, Trompet S, | A genome-wide interaction analysis of tri/tetracyclic antidepressants and heart rate and QT interval: a pharmacogenomics study from the CHARGE consortium | Electrocardiography (ECG) Genetics | MS 365 | Journal of Medical Genetics | 5/1/2017 | 28039329 |
| Nelson, Sarah | AM, Papanicolaou GJ, Taylor KD, Rotter JI, Thornton TA, Laurie CC | accuracy in Hispanic/Latino populations with larger and more diverse reference panels: applications in the Hispanic Community Health Study/Study of Latinos | | MS 378 | Human Molecular Genetics | Aug-16 | 27346520 |

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| Sofer, Tamar | Heller, Ruth; Kerr, Katie; Laurie, Cathy | A Powerful Statistical Framework for Generalization Testing in GWAS, with Application to the HCHS/SOL | | MS 389 | Genetic Epidemiology | 4/1/2017 | 28090672 |
| Wong, Quenna | Chauhan, Corey R Arnold, Audrey Y Chu, Myriam Fornage, Azadeh Reyahi, Joshua C | Identification of additional risk loci for stroke and small vessel disease: a meta-analysis of genome-wide association studies | | MS 404 | Lancet Neurology | Jun-16 | 27068588 |
| Qian S. Zhang | Qian S. Zhang, Brian L. Browning and Sharon R. Browning | ASAFE: ancestry-specific allele frequency estimation | | | Bioinformatics | Jul-16 | 27153656 |
| Celedon, Juan C | John M Brehm, MD, MPH; Maria Pino-Yanes, PhD; Erick Forno, MD, MPH; Jerome | A meta-analysis of genome-wide association studies of asthma in Puerto Ricans | Pulmonary Disease Genetics | MS 300 | European Respiratory Journal | May-17 | 28461288 |
| Thornton, Timothy A | Chani J. Hodonsky, Ursula M. Schick, Jeanne V Morrison, Sharon | Genome-Wide Association of White Blood Cell Counts in Hispanic/Latino Americans: The Hispanic Community Health Study/Study of Latinos | Blood Cell Count Genetics | MS 295 | HMG | 3/1/2017 | 28158719 |

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| Qi, Qibin | Adrienne M. Stilp, Tamar Sofer, Jee-Young Moon, Bertha Hidalgo, Adam A. Szpiro, Tao | Genetics of type 2 diabetes in U.S. Hispanic/Latino individuals: results from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) | Diabetes Genetics | MS 323 | Diabetes | 5/1/2017 | 28254843 |
| Reiner, Alex | Raffield, Tin Louie, Tamar Sofer, Deepti Jain, Eli Ipp, Kent D. Taylor, George J. | study of iron traits and relation to diabetes in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL): Potential genomic intersection of iron | Blood Cell Count Genetics, Diabetes Genetics | MS 411 | Human Molecular Genetics | 5/1/2017 | 28334935 |
| Sofer, Tamar | Sofer, Tamar | BinomiRare: a robust test of the association of a rare-variant with a disease for pooled and meta-analysis, with application to the HCHS/SOL | | MS 487 | Genetic Epidemiology | Jul-17 | 28393384 |
| Franceschini, Nora | Thu H. Le, Digna R. Velez Edwards, Bamidele O. Tayo, Kyle J Gaulton, | Single and multi-trait genome-wide association study of blood pressure in African-ancestry population | Blood Pressure Genetics | MS 480 | PLoS Genetics | 5/1/2017 | 28498854 |
| Kerr, Kathleen | Loretto Munoz, Vinicius Tragante, Azmeraw T. Amare, Rick Jansen, Ahmad | Identification of genetic loci associated with heart rate variability and their effects on heart rate and cardiac disease risk | Electrocardiography (ECG) Genetics | MS 289 | Nature communication | 6/14/2017 | 28613276 |

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|-------------------------------|---|--|------------------------------------|--------|-------------------------------|-----------|--------------------------|
| Saccone, Nancy; Bierut, Laura | Saccone, Leslie S. Emery, Tamar Sofer, Stephanie M. Gogarten, Diane M. Becker, Erwin P. | Genome-wide association study of smoking heaviness and daily/nondaily smoking in the Hispanic Community Health Study / Study of Latinos (HCHS/SOL) | Smoking Genetics | MS 392 | Nicotine and Tobacco Research | 5/1/2017 | 28520984 |
| Schick, Ursula | Jain D, Schick UM, Morrison JV, Brown L, Schurmann C, Chen DD, Liu YM, Auer PL, | Genome-wide Association Study of Red Blood Cell Traits in Hispanic/Latinos: The Hispanic Community Health Study/Study of Latinos | Blood Cell Count Genetics | MS 296 | PLoS Genetics | 4/28/2017 | 28453575 |
| Kerr, Kathleen | Christy L. Avery; Henry J. Lin; Laura M. Raffield; Qian S. Zhang; Brian L. Browning; | Genome-wide Association Study of Heart Rate and Its Variability in Hispanic/Latino Cohorts | Electrocardiography (ECG) Genetics | MS 320 | HeartRhythm | 6/10/2017 | 28610988 |

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