

Publication Title	Journal	Date	PMID
Genomic Evidence on Antihypertensive Drug Targets and Oral Disease Outcomes	Journal of Periodontal Research	6/28/2026	42366644
Examining Associations Between Environmental Exposures and Neurobehavioral Symptoms in Post-9/11 Veterans with a Probable History of TBI	Journal of Head Trauma Rehabilitation	6/25/2026	42339981
Genome-wide association study of cardiovascular disease in people with HIV from the Million Veteran Program (MVP)	AIDS	6/25/2026	42332914
An Evaluation of the Complex Relationship between Combat Experiences and Suicide Deaths, Suicide Attempts, and Suicidal Ideation among U.S. Military Veterans	Archives of Suicide Research: an official journal of the International Academy for Suicide Research	6/23/2026	42334895
Impact of Physical Activity on Clinical Outcomes in Veterans Completing the VA's Traumatic Brain Injury Screening and Evaluation Program	Journal of Head Trauma Rehabilitation	6/19/2026	42315158
Association between deployment and Gulf War Illness and adverse COVID outcomes in a nationwide cohort of 1990-1991 Gulf War veterans in the VA's Million Veteran Program	PLoS One	6/15/2026	42296096
Observational and genetically-informed characterization of Gulf War Illness symptoms in 1990-1991 Gulf War deployed Veterans and non-deployed Gulf War Era Veterans	Environmental Health: a global access science source	6/11/2026	42277823
Polygenic risk scores for prediction of immune checkpoint inhibitor thyroid toxicity in diverse populations	Clinical Cancer Research	6/3/2026	42240401
Integrative analyses elucidate transcriptional regulatory functions of risk alleles for metabolic liver disease	Nature Genetics	6/2/2026	42230773
Multi-layered functional genomics prioritizes candidate effectors and regulatory mechanisms of ankylosing spondylitis	Frontiers in Immunology	6/1/2026	42305533
Examining the additive risk of TBI and comorbid conditions on dementia in military veterans: a retrospective cohort study	Alzheimer's Research and Therapy	5/28/2026	42210358
Traumatic Brain Injury and High Combat Exposure Pose Additive Risk for Specific Chronic Health Conditions in Veterans Affairs Million Veteran Program Enrollees	Journal of Neurotrauma	5/26/2026	42198943
Exome-wide association study of blood lipids in 1,158,017 individuals from diverse populations	Nature Genetics	5/25/2026	42185625
Genetic variants affect diurnal glucose levels throughout the day	Nature Communication	5/22/2026	42173832

Publication Title	Journal	Date	PMID
Opioid use disorder and dementia risk: evidence from observational and genetic analyses in diverse ancestry cohorts	Alzheimer's and Dementia: a Journal of the Alzheimer's Association	5/22/2026	42170857
Relationship between major depressive disorder and venous thromboembolism: a five-ancestry genetic analysis	Hematology	5/20/2026	42162961
Large-scale meta- and cross-trait analyses uncover shared genetic risk factors for IBS and psychiatric disorders	Frontiers in Psychiatry	5/14/2026	42221328
Examining the prognostic utility of symptom etiology groupings on the VA's comprehensive traumatic brain injury evaluation	Psychiatry Research	5/8/2026	42142497
Multi-cohort proteogenomic analyses reveal genetic effects across the proteome and diseasome	Cell	5/6/2026	42097137
Multi-ancestry polygenic risk scores for the prediction of type 2 diabetes and complications in diverse ancestries	The Lancet, Diabetes and Endocrinology	4/27/2026	42061389
Increasing value in the Veterans Affairs Healthcare System (VA) with precision health: a continuing landmark collaboration with the Department of Energy	Journal of American Medical Informatics Association	4/25/2026	42035288
Integrated network pharmacology and Mendelian randomization analysis to elucidate potential mechanisms of curcumin and resveratrol in myocardial infarction treatment	Journal of Pharmacology and Experimental Therapeutics	4/24/2026	42173079
Genome-Wide Association Study of Chronic Venous Insufficiency and Lymphedema in the Million Veteran Program	Circulation, Genomic and Precision Medicine	4/22/2026	42017216
A Primary Open-Angle Glaucoma Locus Near Transcription Factor PRRX1 Identified in the Million Veteran Program	Ophthalmology Science	4/17/2026	42256007
Toxic exposure and rates of suicidal thoughts and behaviors among U.S. military veterans	Psychiatry Research	4/15/2026	42033863
Deep learning and statistical methods identify novel asthma risk variants in Europeans	Journal of Allergy and Clinical Immunology	4/1/2026	41932550
Circulating Plasma Proteins Influence the Risk of Aortic Dissection via Blood Pressure: A Network Mendelian Randomization and Multi-Omics Study	Journal of Inflammation Research	3/31/2026	41948706
An atlas of genetic effects on the monocyte methylome across European and African populations	Genome Medicine	3/28/2026	41904542
Genomic interplay between deployment exposures and Gulf War illness in Million Veteran Program participants	Human Genomics	3/27/2026	41896945

Publication Title	Journal	Date	PMID
Chronic pain and type 2 diabetes: associations between neuropathic and nociplastic pain conditions, health behaviors, and mental health in veterans	Journal of Behavioral Medicine	3/27/2026	41894076
Bayesian Mendelian randomization methods for index trait bias correction in subsequent trait genome-wide association studies	HGG Advances	3/17/2026	41846316
Life events extraction from healthcare notes for veteran acute suicide risk prediction	Journal of American Medicine Informatics Association	3/16/2026	41842607
Polygenic Contribution to Sensorineural Hearing Loss Implicates Novel Risk Loci and Convergence with Congenital Hearing Loss Genes	Journal of the Association for Research in Otolaryngology	3/16/2026	41840298
Individual-Level Factors Associated With 10-Year Incidence of Alzheimer Disease and Related Dementias in the VA Million Veteran Program	Neurology	3/10/2026	41805402
Impact of using PRS-CSx and pruning and thresholding for polygenic partitioning of apparent treatment resistant hypertension	Pacific Symposium on Biocomputing	3/10/2026	41758176
Electronic Health Record–Linked Biobank Expansion Reveals Global Health Inequities	Annual Review of Biomedical Data Science	3/9/2026	41801273
Genomic Study of Resilience to Posttraumatic Stress Disorder in the Million Veteran Program	Biological Psychiatry	2/26/2026	41763442
Combined associations of GLP-1 receptor agonists and a healthy lifestyle with cardiovascular outcomes among individuals with type 2 diabetes: a prospective cohort study	The Lancet, Diabetes and Endocrinology	2/25/2026	41763234
Cannabis use, cognitive function and dementia risk in older adults: observational and genetic analyses	BMJ Mental Health	2/25/2026	41741130
Osteoarthritis case identification in the million veteran program cohort: Comparison of diagnostic codes versus clinical notes	Osteoarthritis and Cartilage Open	2/21/2026	41799924
Angiographic Burden of Coronary Atherosclerosis Partially Mediates the Association Between ASCVD Risk Factors and Outcomes	Circulation, Genomic and Precision Medicine	2/20/2026	41717697
Cross-sectional Comparison of Social Drivers of Health in The Million Veteran Program and Behavioral Risk Factor Surveillance System (2011-2023)	Military Medicine	2/15/2026	41691648
Carriage of rare APOB variants predisposes to severe steatotic liver disease and hepatocellular carcinoma	Journal of Clinical Investigation	2/10/2026	41665936
Systemic Manifestations and Mortality Risk in Transthyretin V142I Variant Carriers	JACC CardioOncology	2/8/2026	41705751

Publication Title	Journal	Date	PMID
Genome-wide association study of major anxiety disorders in 122,341 European-ancestry cases identifies 58 loci and highlights GABAergic signaling	Nature Genetics	2/6/2026	41634414
A genome-wide association study of hidradenitis suppurativa from the VA's Million Veteran Program	Dermatology	2/3/2026	41632728
Large-Scaled Proteomics Analysis for Glaucoma: Integrated Genetics, Multi-Omics, UK Biobank and Therapeutic Analysis	Investigative Ophthalmology and Visual Science	2/2/2026	41626871
Remote delivery of cancer genetic testing in veterans with metastatic prostate cancer: A Million Veteran Program pilot study	Cancer	2/1/2026	41615269
Obstructive Sleep Apnea and Hypercoagulability: Combining Observational and Mendelian Randomization Analyses to Explore Causal Relationships	Nature and Science of Sleep	1/31/2026	41877849
Alcohol Intake and Incidence of Heart Failure and Its Subtypes: VA Million Veteran Program	Nutrients	1/31/2026	41683293
Genomic risk model to implement precision prostate cancer screening in clinical care: the ProGRESS study	Nature Cancer	1/26/2026	41588240
SAIGE-GPU - Accelerating Genome- and Phenome-Wide Association Studies using GPUs	Bioinformatics	1/22/2026	41572430
Biological insights into schizophrenia from ancestrally diverse populations	Nature	1/21/2026	41565822
Multi-omics analyses prioritize disease genes and pathways in hidradenitis suppurativa	Journal of Investigative Dermatology	1/16/2026	41548865
A large-scale multi-ancestry genome-wide association study of chronic prostatitis/chronic pelvic pain syndrome in men	Nature Communication	1/9/2026	41513650
Exploring Sex Differences in Irritable Bowel Syndrome Prevalence, Environmental Risk, and Comorbidities: A Population-Based Cohort Study of Veterans	Clinical and Translational Gastroenterology	1/5/2026	41489281
Dietary sodium and potassium intake and risk of diabetes in the Million Veteran Program	Clinical Nutrition ESPEN	1/3/2026	41485611
Opportunistic Genomic Screening for Familial Hypercholesterolemia to Improve Low-Density Lipoprotein Cholesterol: A Randomized Clinical Trial	Randomized Controlled Trial	1/2/2026	41511773
Genome-wide association for sarcoidosis identifies novel risk loci and genetic heritability in African and European ancestries: a meta-analysis from the FinnGen, Million Veteran Program, UK Biobank, and Biobank Japan datasets	Orphanet Journal of Rare Diseases	12/29/2025	41466414

Publication Title	Journal	Date	PMID
A multi-ancestry meta genome-wide association study of migraine among veterans: associations with traumatic brain injury, depression, and post-traumatic stress disorder	Molecular Psychiatry	12/19/2025	41420111
Genetic and dietary determinants of gut microbiome-bile acid interactions in the BXD genetic reference population	Nature Communications	12/18/2025	41413047
Alcohol consumption and risk of cancer: a Mendelian randomization analysis of four biobanks and consortium data	BMC Medicine	12/16/2025	41398582
Leveraging Large-Scale Biobanks for Therapeutic Target Discovery	HGG Advances	12/9/2025	41376171
Mendelian randomization, lipids, and coronary artery disease: trade-offs between study designs and assumptions	American Journal of Epidemiology	12/2/2025	40878746
Genetic architecture of suicidal ideation continuum: latent profile analysis of data using the million veteran program cohort	Molecular Psychiatry	12/2/2025	41331360
Genome-Wide Association Study of Hypoglycemia in Adults With Diabetes in the Million Veteran Program	Diabetes	12/1/2025	40971195
Genome-wide gene-sleep interaction study identifies novel lipid loci in 732,564 participants	Artherosclerosis	11/26/2025	41325697
Risk of Systemic Manifestations in Homozygous Carriers of the Transthyretin V142I Variant: A Million Veteran Program Analysis	Journal of American Heart Association	11/26/2025	41294101
Novel polygenic risk score associates with diverticulitis in a multi-institutional, ancestrally diverse cohort	Science Reports	11/25/2025	41298745
Potential drug targets for chronic obstructive pulmonary disease in the plasma proteome identified through Mendelian randomization	BMC Pulmonary Medicine	11/24/2025	41286868
Metabolic Improvement Mediates the Causal Relationship Between GLP-1 Receptor Agonists and Myocardial Infarction: A Mendelian Randomization and Mediation Analysis Study	Diabetes Care	11/19/2025	41259721
Effects of TBI History and Sleep on Subjective Cognition in Veterans: A VA Million Veteran Program Study	Journal of Psychiatry Research	11/14/2025	41273924
An African ancestry-specific nonsense variant in CD36 is associated with a higher risk of dilated cardiomyopathy	Nature Genetics	10/31/2025	41174181
Genetic Variation in the Alternative Complement Pathway Contributes to Individual Susceptibility to Bacteremia and Sepsis	Critical Care Explorations	10/29/2025	41165296

Publication Title	Journal	Date	PMID
Racial and ethnic disparities in buprenorphine retention and treatment outcome in a longitudinal cohort of U.S. veterans with opioid use disorder	American Journal of Drug and Alcohol Abuse	10/29/2025	41160806
The neuronal chromatin landscape in brains from individuals with schizophrenia is linked to early fetal development	Nature Neuroscience	10/27/2025	41145887
A clinical algorithm to identify people with the glucose-6-phosphate dehydrogenase p.Val68Met variant at risk for diabetes undertreatment	Genetics in Medicine Open	10/24/2025	41362833
A scalable framework for identifying allelic series from summary statistics	American Journal of Human Genetics	10/13/2025	41086816
Polygenic risk score for type 2 diabetes shows context-dependent effects across populations	Nature Communications	10/1/2025	41034193
Polygenic Susceptibility in Peripartum, Alcohol-Induced, and Cancer Therapy-Related Cardiomyopathies	JAMA Cardiology	10/1/2025	41032333
Genetically Prioritized Plasma Proteins as Candidate Therapeutic Targets for Dry Age-Related Macular Degeneration	Journal of Ophthalmology	9/30/2025	41064534
Genotype-by-sex interaction analyses for alcohol use disorder across biobanks	Alcohol, Clinical and Experimental Research	9/29/2025	41017299
Alcohol use and risk of dementia in diverse populations: evidence from cohort, case-control and Mendelian randomization approaches	BMJ Evidence-Based Medicine	9/23/2025	40987604
Genome-Wide Association Study of Hypoglycemia in Adults With Diabetes in the Million Veteran Program	Diabetes	9/19/2025	40971195
Large language models for extracting histopathologic diagnoses of colorectal cancer and dysplasia from electronic health records	BMJ open Gastroenterology	9/18/2025	40973184
Association of HOXB13 G84E With Prostate Cancer Among 592,158 Men	Journal of National Comprehensive Cancer Network	9/15/2025	40953603
Proteome-Guided Drug Target Discovery for Periodontitis	Journal of Clinical Periodontology	9/5/2025	40913361
A semi-empirical Bayes approach for calibrating weak instrumental bias in sex-specific Mendelian randomization studies	American Journal of Human Genetics	9/4/2025	40912238
Multisite, Multiancestry Genome-Wide Association Study Meta-Analysis of Functional Seizure Disorder in a Hospital Sample of 675,680 Patients	Biological Psychiatry Global Open Science	9/2/2025	41234274
Genetics of SSRI Antidepressant Use and Relationship to Psychiatric and Medical Traits	HGG Advances	9/2/2025	40903904

Publication Title	Journal	Date	PMID
Clustering of lymphoid neoplasms by cell of origin, somatic mutation and drug usage profiles: a multi-trait genome-wide association study	Blood Cancer	8/29/2025	40883272
Mendelian randomization, lipids and coronary artery disease: trade-offs between study designs and assumptions	American Journal of Epidemiology	8/29/2025	40878746
Multi-Ancestry Mendelian Randomization Reveals Lipid-Associated Genetic Risk Factors for COPD	International Journal of Chronic Obstructive Pulmonary Disease	8/27/2025	40901574
Phenome-wide association study of male and female sex chromosome trisomies in 1.5 million participants of MVP, FinnGen, and UK Biobank	American Journal of Human Genetics	8/18/2025	40840450
Association of COVID-19 Susceptibility and Severity with Primary Angle-Closure Glaucoma	Ophthalmic Epidemiology	8/11/2025	40790903
Genomics-informed drug-repurposing strategy identifies two therapeutic targets for preventing liver disease associated with metabolic dysfunction	American Journal of Human Genetics	8/7/2025	40780050
Identification of a subgroup of post-9/11 veterans with unique combat experiences and worse clinical outcomes	Psychiatry Research	8/7/2025	40819635
Polygenic Risk, Agent Orange Exposure, and Lymphoid Neoplasms in the Veterans Affairs Million Veteran Program	JAMA Open Network	8/1/2025	40802183
Genome-wide analysis of 3' untranslated region alternative polyadenylation quantitative trait loci identified a potential novel susceptibility locus for lung cancer in cross-ancestry populations	Journal of Human Genetics	7/29/2025	40730666
Genome-wide association studies of Alzheimer's disease and related disorders stratified by sex, onset age, and Apolipoprotein E genotype reveal novel risk loci in African Americans	Alzheimer's Research and Therapy	7/24/2025	40708016
Polygenic prediction of body mass index and obesity through the life course and across ancestries	Nature Medicine	7/21/2025	40691366
A contextual genomic perspective on physical activity and its relationship to health, well being and illness	Nature Genetics	7/21/2025	40691405
Leveraging global genetics resources to enhance polygenic prediction across ancestrally diverse populations	HGG Advances	7/18/2025	40684263
Characterizing the HLA region's genetic architecture through local heritability and correlation analyses across complex traits in diverse ancestries	Human Genetics	7/17/2025	40673980

Publication Title	Journal	Date	PMID
Traumatic brain injury, environmental exposures, and subjective cognition in post-9/11 veterans enrolled in the VA Million Veteran Program	Journal of Neurological Sciences	7/16/2025	40695203
Diet composition impacts the natural history of steatotic liver disease	Hepatology Communications	6/19/2025	40536509
Polygenic scores for obstructive sleep apnoea reveal pathways contributing to cardiovascular disease	EBio Medicine	6/4/2025	40472801
Drug-Gene Interactions and Clinical Outcomes After Vascular Surgery in the Million Veteran Program	JAMA Surgery	6/4/2025	40465239
CYP2C19 Polymorphisms and Clinical Outcomes Following Percutaneous Coronary Intervention in the Million Veteran Program	Clinical Pharmacology and Therapeutics	6/3/2025	40459439
Genome-wide association study in chondrocalcinosis reveals ENPP1 as a candidate therapeutic target in calcium pyrophosphate deposition disease	Annals of Rheumatic Diseases	5/28/2025	40483170
Genome-wide association study of long COVID	Nature Genetics	5/21/2025	40399555
Cross-Ancestry Associations of Spontaneous Coronary Artery Dissection Genetic Risk with Coronary Atherosclerosis and Migraine Headache	Journal of American Heart Association	5/20/2025	40357661
Unraveling the genetics of gulf war illness in diverse participants enrolled in the million veteran program	Human Molecular Genetics	5/14/2025	40366759
Genome-wide analyses identify 30 loci associated with obsessive-compulsive disorder	Nature Genetics	5/13/2025	40360802
Genetic study of von Willebrand factor antigen levels ≤ 50 IU/dL identifies variants associated with increased risk of von Willebrand disease and bleeding	Journal of Thrombosis and Haemostasis	5/12/2025	40368142
Multi-ancestry genome-wide association meta-analysis of buprenorphine treatment response	Neuropsychopharmacology	5/6/2025	40328918
Multi-ancestry genome-wide association study of topiramate's effects on heavy alcohol use	Alcohol, clinical and experimental research	5/5/2025	40322892
Rare genetic variation in PTPRB is associated with central serous chorioretinopathy, varicose veins and glaucoma	Nature Communication	5/3/2025	40319023

Publication Title	Journal	Date	PMID
Discovery of novel ancestry specific genes for androgens and hypogonadism in Million Veteran Program Men	Nature Communication	5/2/2025	40316537
An evaluation and comparison of traumatic brain injury data sources within the VA Million Veteran Program: A descriptive epidemiological study	Journal of Psychiatric Research	4/29/2025	40349666
Proteomic insights into metabolic dysfunction-associated steatotic disease: Identifying therapeutic targets and assessing on-target side effects	Life Sciences	4/24/2025	40287056
Dissecting the Genetic Architecture of Intracranial Aneurysms	Circulation, Genomic and Precision medicine	4/21/2025	40255156
The genetic overlap between major depressive disorder, white blood cell counts and interleukin 6	Journal of Affective Disorders Report	4/20/2025	41306196
A Large-Scale Genome-Wide Study of Gene-Sleep Duration Interactions for Blood Pressure in 811,405 Individuals from Diverse Populations	Molecular Psychiatry	4/4/2025	40181193
Characterization of the phenotypic consequences of the Duffy-null genotype	Blood Advances	3/25/2025	39825822
Primary Care Providers' Perspectives on Receiving Opportunistic Genomic Results from a National Study - the Million Veteran Program Return of Actionable Results (MVP-ROAR) Study	Genetics in Medicine	3/19/2025	40121538
Meta-analysis of genome-wide associations and polygenic risk prediction for atrial fibrillation in more than 180,000 cases	Nature Genetics	3/6/2025	40050429
Large-scale multi-omics identifies drug targets for heart failure with reduced and preserved ejection fraction	Nature Cardiovascular Research	3/4/2025	39915329
CXCL12 drives natural variation in coronary artery anatomy across diverse populations	Cell	3/3/2025	40049164
The VA Million Veteran Program, Alzheimer's disease, and genetics: Important steps forward but many steps still to go on the march to control dementia and Alzheimer's disease	Journal of Alzheimer's Disease	3/2/2025	39865691
Association of Life's Essential 8 With Incident Heart Failure and Its Prognosis	Journal of cardiac failure	3/1/2025	39920917

Publication Title	Journal	Date	PMID
Risk of Major Adverse Cardiovascular Events Following Nicotinamide Exposure	JAMA Dermatology	2/26/2025	40009360
Dietary Cholesterol and Myocardial Infarction in the Million Veteran Program	Journal of American Heart Association	2/18/2025	39921525
Multi-ancestry meta-analysis of genome-wide association studies discovers 67 new loci associated with chronic back pain	Nature Communication	2/11/2025	39934103
Genome-wide association study of prostate-specific antigen levels in 392,522 men identifies new loci and improves prediction across ancestry groups	Nature Genetics	2/10/2025	39930085
Investigation of Genomic and Transcriptomic Risk Factors of Clopidogrel Response in African Americans	Clinical Pharmacology and Therapeutics	1/27/2025	39868839
The impact of imprecise case definitions in electronic health record research: a melanoma case-study from the Million Veteran Program	Archives of dermatological research	1/24/2025	39853431
Coding Variants of the Genitourinary Development Gene WNT9B Carry High Risk for Prostate Cancer	JCO Precision Oncology	1/9/2025	39874495
Investigating the causal effects of childhood and adulthood adiposity on later life mental health outcome: a Mendelian randomization study	BMC Medicine	1/6/2025	39757155
The impact of common and rare genetic variants on bradyarrhythmia development	Nature Genetics	1/2/2025	39747593
Utility of Candidate Genes from an Algorithm Designed to Predict Genetic Risk for Opioid Use Disorder	JAMA Network open	1/2/2025	39786773
Curation and validation of electronic medical record-based dementia diagnoses in the VA Million Veteran Program	Journal of Alzheimer's Disease	12/18/2024	39692476
Neuropsychiatric polygenic scores are weak predictors of professional categories	Nature Human Behavior	12/10/2024	39658624
A Mendelian randomization study of alcohol use and cardiometabolic disease risk in a multi-ancestry population from the Million Veteran Program	Alcohol, Clinical and Experimental Research	12/4/2024	39580711

Publication Title	Journal	Date	PMID
Oral Health, Inflammation, and Cardiometabolic Factors in the VA Million Veteran Program	JDR Clinical and Translational Research	12/4/2024	39629945
Genome-wide association analyses identify distinct genetic architectures for age-related macular degeneration across ancestries	Nature Genetics	12/2/2024	39623103
Cardiovascular Health Score and Atherosclerotic Cardiovascular Disease in the Million Veteran Program	JAMA Network open	12/2/2024	39641929
Genome-wide association study reveals mechanisms underlying dilated cardiomyopathy and myocardial resilience	Nature Genetics	12/1/2024	39572784
Multi-omic network analysis identifies dysregulated neurobiological pathways in opioid addiction	Biological Psychiatry	11/29/2024	39615775
Whole-genome analysis of plasma fibrinogen reveals population-differentiated genetic regulators with putative liver roles	Blood	11/21/2024	39226462
Performance of Polygenic Risk Scores for Primary Open-Angle Glaucoma in Populations of African Descent	JAMA Ophthalmology	11/14/2024	39541127
Social connection and suicidal thoughts and behaviors in the Million Veteran Program cohort	Journal of Psychiatric Research	11/7/2024	39549463
A landmark federal interagency collaboration to promote data science in health care: Million Veteran Program-Computational Health Analytics for Medical Precision to Improve Outcomes Now	JAMIA Open	11/6/2024	39507405
Recalibrating the Genetics and Epidemiology of Colorectal Cancer Consortium Environmental Risk Score for Use in US Veterans	Cancer Epidemiology, Biomarkers and Prevention	11/1/2024	39254429
Development of electronic health record-based algorithms to identify individuals with diabetic retinopathy	Journal of American Medical Informatics Association	11/1/2024	39158361
Military and occupational exposures among Veterans in the Million Veteran Program by survey self-report: a descriptive study	Occupational and Environmental Medicine	10/24/2024	39327043
Analyses of GWAS signal using GRIN identify additional genes contributing to suicidal behavior	Communication Biology	10/21/2024	39433874

Publication Title	Journal	Date	PMID
Multi-ancestry GWAS meta-analyses of lung cancer reveal susceptibility loci and elucidate smoking-independent genetic risk	Nature Communications	10/4/2024	39366959
Role of the X Chromosome in Alzheimer Disease Genetics	JAMA Neurology	10/1/2024	39250132
GLP1R Gene Expression and Kidney Disease Progression	JAMA Network Open	10/1/2024	39453656
Military and occupational exposures among Veterans in the Million Veteran Program by survey self-report: a descriptive study	Occupational and environmental Medicine	9/26/2024	39327043
Comparison of Methods for Building Polygenic Scores for Diverse Populations	HGG advances	9/25/2024	39323095
Osteoarthritis across Joint Sites in the Million Veteran Program Cohort: Insights from Electronic Health Records and Military Service History	The Journal of rheumatology	9/15/2024	39278656
Recalibrating the Genetics and Epidemiology of Colorectal Cancer Consortium (GECCO) Environmental Risk Score for Use in US Veterans	Cancer epidemiology, biomarkers & prevention: a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology	9/10/2024	39254429
Cognitive symptoms in veterans with migraine or traumatic brain injury: A Million Veteran Program study	Headache	8/28/2024	39193854
A Multivariable Mendelian Randomization Study of Systolic and Diastolic Blood Pressure, Lipid Profile, and Heart Failure Subtypes	Genes	8/27/2024	39336717
Causal relationships between gut microbiome and obstructive sleep apnea: a bi-directional Mendelian randomization	Frontiers in microbiology	8/23/2024	39309525
Genetically predicted lipoprotein(a) associates with coronary artery plaque severity independent of low-density lipoprotein cholesterol	European Journal of Preventive Cardiology	8/19/2024	39158116
Measuring Frailty Using Self-Report or Automated Tools to Identify Risk of Cardiovascular Events and Mortality: The Million Veteran Program	Journal of the American Heart Association	8/19/2024	39158558
A genome-wide investigation into the underlying genetic architecture of personality traits and overlap with psychopathology	Nature Human Behavior	8/12/2024	39134740

Publication Title	Journal	Date	PMID
Protein Identification for Stroke Progression via Mendelian Randomization in Million Veteran Program and UK Biobank	Stroke	7/22/2024	39038097
Diversity and scale: Genetic architecture of 2068 traits in the VA Million Veteran Program	Science	7/19/2024	39024449
Development and validation of an electronic health record-based algorithm for identifying TBI in the VA: A VA Million Veteran Program study	Brain Injury	7/14/2024	39004925
Clinical and genetic risk factors for progressive fibrosis in metabolic dysfunction-associated steatotic liver disease	Hepatology Communications	7/5/2024	38967582
Subjective cognitive concerns, APOE ε4, PTSD symptoms, and risk for dementia among older veterans	Alzheimer's Research and Therapy	6/29/2024	38951900
Identification and correction for collider bias in a genome-wide association study of diabetes-related heart failure	American Journal of Human Genetics	6/18/2024	38897203
Artificial intelligence approaches for phenotyping heart failure in U.S. Veterans Health Administration electronic health record	ESC Heart Failure	6/14/2024	38873749
Healthy lifestyle and prostate cancer risk in the Million Veteran Program	Cancer	6/12/2024	38865417
Genome-wide association study of the common retinal disorder epiretinal membrane: Significant risk loci in each of three American populations	Cell Genomics	6/12/2024	38870908
Transcriptome-wide association analysis identifies candidate susceptibility genes for prostate-specific antigen levels in men without prostate cancer	HGG advances	6/6/2024	38845201
Genome-wide association study of hospitalized patients and acute kidney injury	Kidney International	5/24/2024	38797326
Agent orange exposure and prostate cancer risk in the million veteran program	Acta Oncologica	5/23/2024	38779869
Genetic Causal Relationship Between Alanine Aminotransferase Levels and Risk of Gestational Diabetes Mellitus: Mendelian Randomization Analysis Based on Two Samples	Cambridge University Press	4/18/2024	38634508
Type 1 Diabetes Genetic Risk in 109,954 Veterans With Adult-Onset Diabetes: The Million Veteran Program (MVP)	American Diabetes association	4/12/2024	38608262
A multi-ancestry GWAS of Fuchs corneal dystrophy highlights the contributions of laminins, collagen, and endothelial cell regulation	Nature	4/6/2024	38582945
Evaluation of Plasma Biomarkers for Causal Association With Peripheral Artery Disease	Arteriosclerosis, Thrombosis, and Vascular Biology	3/28/2024	38545784

Publication Title	Journal	Date	PMID
Long-Term Body Mass Index Variability and Adverse Cardiovascular Outcomes	JAMA Network Open	3/21/2024	38512255
Adrenal-Permissive Germline HSD3B1 Allele and Prostate Cancer Outcomes	JAMA Network Open	3/20/2024	38506808
Causal effects from nonalcoholic fatty liver disease on cholelithiasis: A mendelian randomization study	Health Science Reports	3/18/2024	38505680
Migraine Prevalence, Environmental Risk, and Comorbidities in Men and Women Veterans	JAMA Network Open	3/14/2024	38483390
Development and utility of a clinical research informatics application for participant recruitment and workflow management for a return of results pilot trial in familial hypercholesterolemia in the Million Veteran Program	JAMA Open	3/8/2024	38464744
An extra X chromosome among adult women in the Million Veteran Program: A more benign perspective of trisomy X	American Journal of Medical Genetics	3/5/2024	38441278
Prevalence, Morbidity, and Mortality of Men With Sex Chromosome Aneuploidy in the Million Veteran Program Cohort	JAMA	3/4/2024	38551561
A multi-ancestry genetic study of pain intensity in 598,339 veterans	Nature Medical	3/1/2024	38429522
Novel Polygenic Risk Score and Established Clinical Risk Factors for Risk Estimation of Aortic Stenosis	JAMA Cardiology	2/28/2024	38416462
Multi-Ancestry Polygenic Risk Score for Coronary Heart Disease Based on an Ancestrally Diverse Genome-Wide Association Study and Population-Specific Optimization	American Heart Association Journal	2/21/2024	38380516
Genetic drivers of heterogeneity in type 2 diabetes pathophysiology	Nature	2/19/2024	38374256
Unraveling COVID-19 relationship with anxiety disorders and symptoms using genome-wide data	Journal of Affective Disorders	2/19/2024	38382819
Pleiotropy and genetically inferred causality linking multisite chronic pain to substance use disorders	Molecular Psychology	2/15/2024	38355787
Genetic Analysis of Obstructive Sleep Apnea and Its Relationship with Severe COVID-19	Annals of the American Thoracic Society	2/8/2024	38330144
Polygenic risk for suicide attempt is associated with lifetime suicide attempt in US soldiers independent of parental risk	Journal of Affective Disorders	2/1/2024	38309480

Publication Title	Journal	Date	PMID
Correlates of Risk for Disinhibited Behaviors in the Million Veteran Program Cohort	JAMA Psychiatry	2/1/2024	37938835
High dimensional predictions of suicide risk in 42 million US Veterans using ensemble transfer learning	Scientific Reports	1/20/2024	38245528
Genetic architecture distinguishes tinnitus from hearing loss	Nature Communications	1/19/2024	38242899
A multi-cohort genome-wide association study in African ancestry individuals reveals risk loci for primary open-angle glaucoma	Cell Press	1/18/2024	38242088
The Million Veteran Program 1990-1991 Gulf War Era Survey: An Evaluation of Veteran Response, Characteristics, and Representativeness of the Gulf War Era Veteran Population	International Journal of Environmental Research and Public Health	1/8/2024	38248536
Red Meat Intake and the Risk of Cardiovascular Diseases: A Prospective Cohort Study in the Million Veteran Program	The Journal of Nutrition	12/30/2023	38163586
Parkinson Disease Genetics Extended to African and Hispanic Ancestries in the VA Million Veteran Program	Neurology Genetics	12/20/2023	38130828
Moderate alcohol consumption on the risk of stroke in the Million Veteran Program	BMC Public Health	12/12/2023	38087273
Impact of 8 lifestyle factors on mortality and life expectancy among United States veterans: The Million Veteran Program	The American Journal of Clinical Nutrition	12/7/2023	38065710
Multi-ancestry study of the genetics of problematic alcohol use in over 1 million individuals	Nature Medicine	12/7/2023	38062264
Genome-Wide Association Study of Chronic Dizziness in the Elderly Identifies Loci Implicating MLLT10, BPTF, LINC01224, and ROS1	Journal of the Association Research in Otolaryngology	11/30/2023	38036714
Using electronic health record metadata to predict housing instability amongst veterans	Preventive Medicine Reports	11/24/2023	38261912
Multi-ancestry genome-wide association study of cannabis use disorder yields insight into disease biology and public health implications	Nature Genetics	11/20/2023	37985822
Brainwide Mendelian Randomization Study of Anxiety Disorders and Symptoms	Biological Psychiatry	11/14/2023	37967698
Association between systemic lupus erythematosus and myasthenia gravis: A population-based National Study	Clinical Immunology	11/9/2023	37949200

Publication Title	Journal	Date	PMID
Mendelian Randomization Analysis of Genetic Proxies of Thiazide Diuretics and the Reduction of Kidney Stone Risk	JAMA Network Open	11/1/2023	37962888
Leveraging the Million Veteran Program Infrastructure and Data for a Rapid Research Response to COVID-19	Federal Practitioner	11/1/2023	38577307
Plant-based diets and the incidence of cardiovascular disease: the Million Veteran Program	BMJ Nutrition, Prevention & Health	10/25/2023	38264362
Genome-wide association study of traumatic brain injury in US military veterans enrolled in the VA million veteran program	Molecular Psychiatry	10/24/2023	37875548
Evaluation of clinical outcomes and employment status in veterans with dual diagnosis of traumatic brain injury and spinal cord injury	Quality of Life Research	10/19/2023	37856045
Associations of non-alcoholic fatty liver disease and cirrhosis with liver cancer in European and East Asian populations: A Mendelian randomization study	Cancer Reports	10/16/2023	37840448
Genome-wide association meta-analysis identifies risk loci for abdominal aortic aneurysm and highlights PCSK9 as a therapeutic target	Nature Genetics	10/16/2023	37845353
A missense variant in human perilipin 2 (PLIN2 Ser251Pro) reduces hepatic steatosis in mice	JHEP Rep	10/11/2023	38074507
The relationship between alcohol- and sleep-related traits: Results from polygenic risk score and Mendelian randomization analyses	Drug and Alcohol Dependence	10/1/2023	37591043
Association Between Fuchs Endothelial Corneal Dystrophy, Diabetes Mellitus, and Multimorbidity	Cornea	9/1/2023	37170406
Meta-analysis of African ancestry genome-wide association studies identified novel locus and validates multiple loci associated with kidney function	BMC Genomics	8/29/2023	37644460
Positive personality traits moderate persistent high alcohol consumption, determined by polygenic risk in US military veterans: results from a 10-year, population-based, observational cohort study	Psychological Medicine	8/29/2023	37642191
Exploring Interactions Between Traumatic Brain Injury History and Gender on Medical Comorbidities in Military Veterans: An Epidemiological Analysis in the VA Million Veteran Program	Journal of Neurotrauma	8/25/2023	37358378
An Examination of Racial/Ethnic Differences on the Neurobehavioral Symptom Inventory Among Veterans Completing the Comprehensive Traumatic Brain Injury Evaluation: A Veterans Affairs Million Veteran Program Study	Archives of clinical neuropsychology : the official journal of the National Academy of Neuropsychologists	8/24/2023	36702773

Publication Title	Journal	Date	PMID
Genome-wide analysis of a model-derived binge eating disorder phenotype identifies risk loci and implicates iron metabolism	Nature Genetics	8/7/2023	37550530
Using iterative random forest to find geospatial environmental and Sociodemographic predictors of suicide attempts	Frontiers in Psychiatry	8/1/2023	37599888
Genetic Underpinnings of the Transition From Alcohol Consumption to Alcohol Use Disorder: Shared and Unique Genetic Architectures in a Cross-Ancestry Sample	The American Journal of Psychiatry	8/1/2023	37282553
Association of dietary fatty acids with the risk of atherosclerotic cardiovascular disease in a prospective cohort of United States veterans	The American Journal of Clinical Nutrition	7/20/2023	37479185
Genome-wide association analysis and Mendelian randomization proteomics identify drug targets for heart failure	Nature Communications	7/10/2023	37429843
Mendelian randomization study of diabetes and dementia in the Million Veteran Program	Alzheimers and Dementia	7/7/2023	37417779
A multi-ancestry polygenic risk score improves risk prediction for coronary artery disease	Nature Medicine	7/6/2023	37414900
Evaluating approaches for constructing polygenic risk scores for prostate cancer in men of African and European ancestry	The American Journal of Human Genetics	7/6/2023	37311464
Autoimmune alleles at the major histocompatibility locus modify melanoma susceptibility	The American Journal of Human Genetics	7/6/2023	37339630
Dietary ω -3 fatty acids and the incidence of atrial fibrillation in the Million Veteran Program	The American Journal of Clinical Nutrition	6/20/2023	37353210
Multi-ancestry meta-analysis identifies 5 novel loci for ischemic stroke and reveals heterogeneity of effects between sexes and ancestries	Cell Genomics	6/19/2023	37601974
Genome-wide association study of thoracic aortic aneurysm and dissection in the Million Veteran Program	Nature Genetics	6/12/2023	37308786
Modeling the longitudinal changes of ancestry diversity in the Million Veteran Program	Human Genomics	6/2/2023	37268996
Cardiovascular Disease Risk Assessment Using Traditional Risk Factors and Polygenic Risk Scores in the Million Veteran Program	JAMA Cardiology	6/1/2023	37133828
Genome-Wide Association Study of CKD Progression	Journal of the American Society of Nephrology	6/1/2023	37261792
Racial and Ethnic Bias in the Diagnosis of Alcohol Use Disorder in Veterans	The American Journal of Psychiatry	6/1/2023	37132202

Publication Title	Journal	Date	PMID
Declining autozygosity over time: An exploration in over 1 million individuals from three diverse cohorts	The American Journal of Human Genetics	6/1/2023	37178685
Circulating proteins and peripheral artery disease risk: observational and Mendelian randomization analyses	European Heart Journal Open	5/30/2023	37323297
Overview of Efforts to Increase Women Enrollment in the Veterans Affairs Million Veteran Program	Health Equity	5/26/2023	37284530
Predicting Breast Cancer Risk for Women Veterans of African Ancestry in the Million Veteran Program	Health Equity	5/26/2023	37284538
Genetically proxied glucose-lowering drug target perturbation and risk of cancer: a Mendelian randomisation analysis	Diabetologia	5/12/2023	37171501
Sex differences in the polygenic architecture of hearing problems in adults	Genome Medicine	5/11/2023	37165447
Multi-trait genome-wide association analyses leveraging alcohol use disorder findings identify novel loci for smoking behaviors in the Million Veteran Program	Translational Psychiatry	5/5/2023	37147289
Systematic elucidation of genetic mechanisms underlying cholesterol uptake	Cell Genomics	4/21/2023	37228746
The causal effects of lipid traits on kidney function in Africans: bidirectional and multivariable Mendelian-randomization study	EBioMedicine	3/29/2023	37001235
Genome-wide association study of obstructive sleep apnoea in the Million Veteran Program uncovers genetic heterogeneity by sex	EBioMedicine	3/28/2023	36989840
Multiancestry Genome-Wide Association Study of Aortic Stenosis Identifies Multiple Novel Loci in the Million Veteran Program	Circulation	3/21/2023	36802703
Genome-wide association study identifies four pan-ancestry loci for suicidal ideation in the Million Veteran Program	PLoS Genetics	3/20/2023	36940203
Sleep duration, daytime napping, and risk of peripheral artery disease: multinational cohort and Mendelian randomization studies	European Heart Journal Open	3/16/2023	36936389
Pharmacogenetic allele variant frequencies: An analysis of the VA's Million Veteran Program (MVP) as a representation of the diversity in US population	PloS One	2/24/2023	36827430
Pathogenesis of Hypertension in Metabolic Syndrome: The Role of Fructose and Salt	International Journal of Molecular Sciences	2/21/2023	36901725
Association of African Ancestry-Specific APOE Missense Variant R145C With Risk of Alzheimer Disease	JAMA	2/21/2023	36809323

Publication Title	Journal	Date	PMID
Polygenic risk of any, metastatic, and fatal prostate cancer in the Million Veteran Program	Journal of the National Cancer Institute	2/8/2023	36305680
Data Resource Profile: Self-reported data in the Million Veteran Program: survey development and insights from the first 850 736 participants	International Journal of Epidemiology	2/8/2023	35748351
Immunogenetic Determinants of Susceptibility to Head and Neck Cancer in the Million Veteran Program Cohort	Cancer Research	2/3/2023	36378845
Identification of Novel, Replicable Genetic Risk Loci for Suicidal Thoughts and Behaviors Among US Military Veterans	JAMA Psychiatry	2/1/2023	36515925
Meta-Analysis and Multivariate GWAS Analyses in 77,850 Individuals of African Ancestry Identify Novel Variants Associated with Blood Pressure Traits	International Journal of Molecular Sciences	1/21/2023	36768488
Polygenic risk scores and kidney traits in the Hispanic/Latino population: The Hispanic Community Health Study/Study of Latinos	HGG advances	1/13/2023	36741942
Genome-wide association study of school grades identifies genetic overlap between language ability, psychopathology and creativity	Scientific Reports	1/9/2023	36624241
Functional and molecular characterization of suicidality factors using phenotypic and genome-wide data	Molecular Psychiatry	1/6/2023	36604601
LDAC-GBAT: Fast and powerful gene-based association testing using summary statistics	American Journal of Human Genetics	1/5/2023	36480927
Relationship Between Ascending Thoracic Aortic Diameter and Blood Pressure: A Mendelian Randomization Study	Arteriosclerosis, Thrombosis, and Vascular Biology	1/5/2023	36601961
Predictive models for abdominal aortic aneurysms using polygenic scores and PheWAS-derived risk factors	Pacific Symposium on Biocomputing	1/3/2023	36540997
Self-reported physical functioning, cardiometabolic health conditions, and health care utilization patterns in Million Veteran Program enrollees with Traumatic Brain Injury Screening and Evaluation Program data	Military Medical Research	1/3/2023	36597157
Epidemiologic and Genetic Associations of Endometriosis With Depression, Anxiety, and Eating Disorders	JAMA Network Open	1/3/2023	36652249
Diversity is key for cross-ancestry transferability of glaucoma genetic risk scores in Hispanic Veterans in the Million Veteran Program	Pacific Symposium on Biocomputing	1/3/2023	36540996
Genomics and phenomics of body mass index reveals a complex disease network	Nature Communications	12/29/2022	36581621

Publication Title	Journal	Date	PMID
Implicating genes, pleiotropy, and sexual dimorphism at blood lipid loci through multi-ancestry meta-analysis	Genome Biology	12/27/2022	36575460
Association of Gulf War Illness with Characteristics in Deployed vs Non-Deployed Gulf War Era Veterans in the Cooperative Studies Program 2006/Million Veteran Program 029 Cohort: A Cross-Sectional Analysis	International Journal of Environmental Research and Public Health	12/24/2022	36612580
Alzheimer's disease and related dementias among aging veterans: Examining gene-by-environment interactions with post-traumatic stress disorder and traumatic brain injury	Alzheimers and Dementia	12/22/2022	36546606
African ancestry GWAS of dementia in a large military cohort identifies significant risk loci	Molecular Psychiatry	12/22/2022	36543923
The US Department of Veterans Affairs Science and Health Initiative to Combat Infectious and Emerging Life-Threatening Diseases (VA SHIELD): A Biorepository Addressing National Health Threats	Open Forum Infectious Diseases	12/14/2022	36601554
Genetic architecture of heart failure with preserved versus reduced ejection fraction	Nature Communications	12/14/2022	36517512
Genetic Determinants of IL-6 Levels and Risk of ESKD	Kidney360	12/14/2022	36821615
Impact of Coronavirus Disease 2019 (COVID-19) Severity on Long-term Events in United States Veterans Using the Veterans Affairs Severity Index for COVID-19 (VASIC)	The Journal of Infectious Diseases	12/13/2022	35512327
PRState: Incorporating genetic ancestry in prostate cancer risk scores for men of African ancestry	BMC Cancer	12/9/2022	36494783
Linking single nucleotide polymorphisms to signaling blueprints in abdominal aortic aneurysms	Scientific Reports	12/5/2022	36470918
Factor structure of the posttraumatic stress disorder checklist (PCL-17) in 279,897 million veteran program participants	Psychiatry Research	11/28/2022	36516638
The role of testosterone, the androgen receptor, and hypothalamic-pituitary-gonadal axis in depression in ageing Men	Reviews in Endocrine & Metabolic Disorders	11/22/2022	36418656
Characterizing Sex Differences in Clinical and Functional Outcomes Among Military Veterans with a Comprehensive Traumatic Brain Injury Evaluation (CTBIE): A Million Veteran Program (MVP) Study	Clinical Psychological Science : A Journal of the Association for Psychological Science	11/21/2022	36714216
Novel genetic loci associated with osteoarthritis in multi-ancestry analyses in the Million Veteran Program and UK Biobank	Nature Genetics	11/21/2022	36411363

Publication Title	Journal	Date	PMID
Mild-to-Moderate Kidney Dysfunction and Cardiovascular Disease: Observational and Mendelian Randomization Analyses	Circulation	11/15/2022	36314129
A MUC5B Gene Polymorphism, rs35705950-T Confers Protective Effects Against COVID-19 Hospitalization but not Severe Disease or Mortality	American Journal of Respiratory and Critical Care Medicine	11/15/2022	35771531
Genome-wide association and multi-trait analyses characterize the common genetic architecture of heart failure	Nature Communications	11/14/2022	36376295
Fibromuscular Dysplasia and Abdominal Aortic Aneurysms Are Dimorphic Sex-Specific Diseases With Shared Complex Genetic Architecture	Circulation: Genomic and Precision Medicine	11/14/2022	36374587
Collective genomic segments with differential pleiotropic patterns between cognitive dimensions and psychopathology	Nature Communications	11/11/2022	36369282
Proteome-wide Mendelian randomization in global biobank meta-analysis reveals multi-ancestry drug targets for common diseases	Cell Genomics	11/9/2022	36388766
Genetic insights into smoking behaviours in 10,558 men of African ancestry from continental Africa and the UK	Scientific Reports	11/5/2022	36335192
A Diabetes Genetic Risk Score Is Associated With All-Cause Dementia and Clinically Diagnosed Vascular Dementia in the Million Veteran Program	Diabetes Care	11/1/2022	36041056
Survival analysis of localized prostate cancer with deep learning	Scientific Reports	10/24/2022	36280773
Genome-wide association study meta-analysis of suicide death and suicidal behavior	Molecular Psychiatry	10/17/2022	36253440
A saturated map of common genetic variants associated with human height	Nature	10/12/2022	36224396
Whole genome sequence analysis of blood lipid levels in >66,000 individuals	Nature Communications	10/11/2022	36220816
Genetic and clinical determinants of abdominal aortic diameter: genome-wide association studies, exome array data and Mendelian randomization study	Human Molecular Genetics	10/10/2022	35234888
Multi-trait genome-wide association study of opioid addiction: OPRM1 and beyond	Scientific Reports	10/7/2022	36207451
Shared brain and genetic architectures between mental health and physical activity	Translational Psychiatry	10/3/2022	36192376
Genome-Wide Investigation of Maximum Habitual Alcohol Intake in US Veterans in Relation to Alcohol Consumption Traits and Alcohol Use Disorder	JAMA Network Open	10/3/2022	36301540

Publication Title	Journal	Date	PMID
Stroke genetics informs drug discovery and risk prediction across ancestries	Nature	9/30/2022	36180795
Cross-ancestry meta-analysis of opioid use disorder uncovers novel loci with predominant effects in brain regions associated with addiction	Nature Neuroscience	9/28/2022	36171425
Pairwise genetic meta-analyses between schizophrenia and substance dependence phenotypes reveals novel association signals with pharmacological significance	Translational Psychiatry	9/23/2022	36151087
Rare copy number variation in posttraumatic stress disorder	Molecular Psychiatry	9/21/2022	36131047
Differences in Metabolomic Profiles Between Black and White Women and Risk of Coronary Heart Disease: an Observational Study of Women From Four US Cohorts	Circulation Research	9/16/2022	36052690
Psychiatric symptoms influence social support in VA Million Veteran Program enrollees screening positive for traumatic brain injury	Social Science & Medicine	9/16/2022	36162363
Penetrance and Pleiotropy of Polygenic Risk Scores for Schizophrenia, Bipolar Disorder, and Depression Among Adults in the US Veterans Affairs Health Care System	JAMA Psychiatry	9/14/2022	36103194
In with the old, in with the new: machine learning for time to event biomedical research	Journal of the American Medical Informatics Association	9/12/2022	35920306
The Genetic Architecture of the Etiology of Lower Extremity Peripheral Artery Disease: Current Knowledge and Future Challenges in the Era of Genomic Medicine	International Journal of Molecular Sciences	9/9/2022	36142394
A translational genomics approach identifies IL10RB as the top candidate gene target for COVID-19 susceptibility	NPJ Genomic Medicine	9/5/2022	36064543
Visualizing novel connections and genetic similarities across diseases using a network-medicine based approach	Scientific Reports	9/1/2022	36050444
Non-linear machine learning models incorporating SNPs and PRS improve polygenic prediction in diverse human populations	Communications Biology	8/22/2022	35995843
Understanding the comorbidity between posttraumatic stress severity and coronary artery disease using genome-wide information and electronic health records	Molecular Psychiatry	8/19/2022	35986173
Life-Course Associations between Blood Pressure-Related Polygenic Risk Scores and Hypertension in the Bogalusa Heart Study	Genes	8/18/2022	36011384
Genes regulating levels of omega-3 long-chain polyunsaturated fatty acids are associated with alcohol use disorder and consumption, and broader externalizing behavior in humans	Alcoholism, Clinical and Experimental Research	8/7/2022	35904282

Publication Title	Journal	Date	PMID
Causal Association of Cardiovascular Risk Factors and Lifestyle Behaviors With Peripheral Artery Disease: A Mendelian Randomization Approach	Journal of the American Heart Association	8/5/2022	35929454
A multi-layer functional genomic analysis to understand noncoding genetic variation in lipids	American Journal of Human Genetics	8/4/2022	35931049
Large-scale genome-wide association study of coronary artery disease in genetically diverse populations	Nature Medicine	8/1/2022	35915156
Association of Kidney Comorbidities and Acute Kidney Failure With Unfavorable Outcomes After COVID-19 in Individuals With the Sickle Cell Trait	JAMA Internal Medicine	8/1/2022	35759254
Alcohol consumption and telomere length: Mendelian randomization clarifies alcohol's effects	Molecular Psychiatry	7/26/2022	35879401
Genome-wide association study in individuals of European and African ancestry and multi-trait analysis of opioid use disorder identifies 19 independent genome-wide significant risk loci	Molecular Psychiatry	7/25/2022	35879402
Transcriptome-wide association study in UK biobank Europeans identifies associations with blood cell traits	Human Molecular Genetics	7/21/2022	35138379
Evaluation of independent self-collected blood specimens for COVID-19 antibody detection among the US veteran population	Diagnostic Microbiology and Infectious Disease	7/16/2022	35985109
Associations between moderate alcohol consumption, brain iron, and cognition in UK Biobank participants: Observational and mendelian randomization analyses	PLoS medicine	7/14/2022	35834561
Network-medicine framework for studying disease trajectories in US veterans	Scientific Reports	7/14/2022	35835798
An examination of the association between altitude and suicide deaths, suicide attempts, and suicidal ideation among veterans at both the patient and geospatial level	Journal for Psychiatric Research	7/11/2022	35868159
Appraising the causal role of smoking in multiple diseases: A systematic review and meta-analysis of Mendelian randomization studies	EBioMedicine	7/8/2022	35816897
Validation of a multi-ancestry polygenic risk score and age-specific risks of prostate cancer: A meta-analysis within diverse populations	eLife	7/8/2022	35801699
Large-scale Multi-Omics Studies Provide New Insights into Blood Pressure Regulation	International Journal of Molecular Sciences	7/8/2022	35886906
Genetic interactions drive heterogeneity in causal variant effect sizes for gene expression and complex traits	The American Journal of Human Genetics	7/7/2022	35716666

Publication Title	Journal	Date	PMID
Identifying intragenic functional modules of genomic variations associated with cancer phenotypes by learning representation of association networks	BMC Medical Genomics	7/6/2022	35794577
Gene-based polygenic risk scores analysis of alcohol use disorder in African Americans	Translational Psychiatry	7/5/2022	35790736
A multi-ethnic polygenic risk score is associated with hypertension prevalence and progression throughout adulthood	Nature Communications	6/21/2022	35729114
Glaucoma Genetic Risk Scores in the Million Veteran Program	Ophthalmology	6/17/2022	35718050
Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals	Communications Biology	6/13/2022	35697829
The Interrelationship of Tinnitus and Hearing Loss Secondary to Age, Noise Exposure, and Traumatic Brain Injury	Ear and Hearing	6/13/2022	35612496
Pharmacogenetic variants and risk of remdesivir-associated liver enzyme elevations in Million Veteran Program participants hospitalized with COVID-19	Clinical Translational Science	6/9/2022	35684976
Global priorities for large-scale biomarker-based prospective cohorts	Cell Genomics	6/8/2022	36778137
Multomic analysis reveals cell-type-specific molecular determinants of COVID-19 severity	Cell Systems	6/3/2022	35690068
Egg consumption and risk of acute stroke in the Million Veteran Program	Clinical Nutrition ESPEN	6/3/2022	35871921
Transferability of genetic risk scores in African populations	Natural Medicine	6/2/2022	35654908
A multiancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation	Nature Genetics	6/2/2022	35654975
A multi-population phenome-wide association study of genetically-predicted height in the Million Veteran Program	PLoS Genetics	6/2/2022	35653334
Integration of rare expression outlier-associated variants improves polygenic risk prediction	The American Journal of Human Genetics	6/2/2022	35588732
Insights From a Large-Scale Whole-Genome Sequencing Study of Systolic Blood Pressure, Diastolic Blood Pressure, and Hypertension	Hypertension	6/2/2022	35652341
Genome-wide and phenome-wide analysis of ideal cardiovascular health in the VA Million Veteran Program	PloS One	5/25/2022	35613103

Publication Title	Journal	Date	PMID
A Population-Level Analysis of the Protective Effects of Androgen Deprivation Therapy Against COVID-19 Disease Incidence and Severity	Frontiers in Medicine	5/24/2022	35602518
Phenome-Wide Association Study of UMOD Gene Variants and Differential Associations With Clinical Outcomes Across Populations in the Million Veteran Program a Multiethnic Biobank	Kidney International Reports	5/18/2022	35967117
Using Mendelian randomisation to identify opportunities for type 2 diabetes prevention by repurposing medications used for lipid management	EBioMedicine	4/29/2022	35500537
A Phenome-Wide Association Study of genes associated with COVID-19 severity reveals shared genetics with complex diseases in the Million Veteran Program	PLoS Genetics	4/28/2022	35482673
A case for developing domain-specific vocabularies for extracting suicide factors from healthcare notes	Journal of Psychiatric Research	4/28/2022	35533516
Million Veteran Program's response to COVID-19: Survey development and preliminary findings	PloS One	4/25/2022	35468170
Are polygenic risk scores ready for the cancer clinic?-a perspective	Translational Lung Cancer Research	4/24/2022	35693291
Integrating human brain proteomes with genome-wide association data implicates novel proteins in post-traumatic stress disorder	Molecular Psychiatry	4/21/2022	35449297
Subjective cognitive and psychiatric well-being in US Military Veterans screened for deployment-related traumatic brain injury: A Million Veteran Program Study	Journal of Psychiatric Research	4/21/2022	35483132
Positive associations between cannabis and alcohol use polygenic risk scores and phenotypic opioid misuse among African-Americans	PloS One	4/8/2022	35395044
Reproducible disease phenotyping at scale: Example of coronary artery disease in UK Biobank	PloS One	4/5/2022	35381005
Binary acronym disambiguation in clinical notes from electronic health records with an application in computational phenotyping	International Journal of Medical Informatics	4/1/2022	35405530
APOL1 Risk Variants, Acute Kidney Injury, and Death in Participants With African Ancestry Hospitalized With COVID-19 From the Million Veteran Program	JAMA Internal Medicine	4/1/2022	35089317
Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information	Biological Psychiatry	4/1/2022	34865855
Attachment Style Moderates Polygenic Risk for Incident Posttraumatic Stress in US Military Veterans: A 7-Year, Nationally Representative, Prospective Cohort Study	Biological Psychiatry	4/1/2022	34955171

Publication Title	Journal	Date	PMID
A genome-wide association study of suicide attempts in the million veterans program identifies evidence of pan-ancestry and ancestry-specific risk loci	Molecular Psychiatry	3/28/2022	35347246
Degree of Adherence to Based Diet and Total and Cause-Specific Mortality: Prospective Cohort Study in the Million Veteran Program	Public Health Nutrition	3/21/2022	35307047
Lipid traits and type 2 diabetes risk in African ancestry individuals: A Mendelian Randomization study	EBioMedicine	3/21/2022	35325778
From pharmacogenetics to pharmaco-omics: Milestones and future directions	Human Genetics and Genomics Advances	3/16/2022	35373152
Interactions of physical activity, muscular fitness, adiposity, and genetic risk for NAFLD	Hepatology Communications	3/15/2022	35293152
Development of a polygenic risk score to improve detection of peripheral artery disease	Vascular Medicine	3/14/2022	35287516
Evaluating risk for alcohol use disorder: Polygenic risk scores and family history	Alcoholism, Clinical and Experimental Research	3/10/2022	35267208
Dietary Sodium and Potassium Intake and Risk of Non-Fatal Cardiovascular Diseases: The Million Veteran Program	Nutrients	3/7/2022	35268096
Genetically regulated multi-omics study for symptom clusters of posttraumatic stress disorder highlights pleiotropy with hematologic and cardio-metabolic traits	Molecular Psychiatry	3/3/2022	35241783
Polygenic Prediction of Type 2 Diabetes in Africa	Diabetes Care	3/1/2022	35015074
Polygenic scores for empathy associate with posttraumatic stress severity in response to certain traumatic events	Neurobiology of Stress	2/21/2022	35242894
Using phenotype risk scores to enhance gene discovery for generalized anxiety disorder and posttraumatic stress disorder	Molecular Psychiatry	2/18/2022	35181757
The Road Traveled and Journey Ahead for the Genetics and Genomics of Tinnitus	Molecular Diagnosis & Therapy	2/15/2022	35167110
Coronary Artery Disease Risk of Familial Hypercholesterolemia Genetic Variants Independent of Clinically Observed Longitudinal Cholesterol Exposure	Circulation: Genomic and Precision Medicine	2/10/2022	35143253
Separating the direct effects of traits on atherosclerotic cardiovascular disease from those mediated by type 2 diabetes	Diabetologia	2/7/2022	35129650
Mendelian Randomization Analysis Reveals No Causal Relationship Between Nonalcoholic Fatty Liver Disease and Severe COVID-19	Clinical gastroenterology and hepatology : the official clinical	2/3/2022	35124268

Publication Title	Journal	Date	PMID
	practice journal of the American Gastroenterological Association		
Genetic Loci Associated With COVID-19 Positivity and Hospitalization in White, Black, and Hispanic Veterans of the VA Million Veteran Program	Frontiers in Genetics	2/3/2022	35222515
Multi-Trait Genome-Wide Association Study of Atherosclerosis Detects Novel Pleiotropic Loci	Frontiers in Genetics	2/2/2022	35186008
Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors	Biological Psychiatry	2/1/2022	34861974
Genome-wide meta-analysis of alcohol use disorder in East Asians	Neuropsychopharmacology	1/29/2022	35094024
Multi-ancestry fine mapping implicates OAS1 splicing in risk of severe COVID-19	Nature Genetics	1/13/2022	35027740
Genome-wide pleiotropy analysis identifies novel blood pressure variants and improves its polygenic risk scores	Genetic Epidemiology	1/7/2022	34989438
Leveraging cell-type-specific regulatory networks to interpret genetic variants in abdominal aortic aneurysm	Proceedings of the National Academy of Sciences of the United States of America	1/4/2022	34930827
Multi-Omic Approaches to Identify Genetic Factors in Metabolic Syndrome	Comprehensive Physiology	12/29/2021	34964118
Characterization of Million Veteran Program (MVP) enrollees with Comprehensive Traumatic Brain Injury Evaluation (CTBIE) data: An analysis of neurobehavioral symptoms	Journal of Psychiatric Research	12/14/2021	34942434
The power of genetic diversity in genome-wide association studies of lipids	Nature	12/9/2021	34887591
Trellis for efficient data and task management in the VA Million Veteran Program	Scientific Reports	12/1/2021	34853358
Use of the PsycheMERGE Network to Investigate the Association Between Depression Polygenic Scores and White Blood Cell Count	JAMA Psychiatry	12/1/2021	34668925
Association of polygenic risk scores, traumatic life events and coping strategies with war-related PTSD diagnosis and symptom severity in the South Eastern Europe (SEE)-PTSD cohort	Journal of Neural Transmission	11/27/2021	34837533
Development and Evaluation of a Rules-based Algorithm for Primary Open-Angle Glaucoma in the VA Million Veteran Program	Ophthalmic Epidemiology	11/25/2021	34822319

Publication Title	Journal	Date	PMID
Age varying polygenic effects on alcohol use in African Americans and European Americans from adolescence to adulthood	Scientific Reports	11/17/2021	34789846
APOL1 risk variants in individuals of African genetic ancestry drive endothelial cell defects that exacerbate sepsis	Immunity	11/9/2021	34715018
Genome-wide analysis of 53,400 people with irritable bowel syndrome highlights shared genetic pathways with mood and anxiety disorders	Nature Genetics	11/5/2021	34741163
Genome-wide association study of problematic opioid prescription use in 132,113 23andMe research participants of European ancestry	Molecular Psychiatry	11/2/2021	34728798
High Polygenic Risk Scores Are Associated With Early Age of Onset of Alcohol Use Disorder in Adolescents and Young Adults at Risk	Biological Psychiatry Global Open Science	11/1/2021	36324664
A Missense Variant in the IL-6 Receptor and Protection From Peripheral Artery Disease	Circulation Research	10/29/2021	34547901
Clinical knowledge extraction via sparse embedding regression (KESER) with multi-center large scale electronic health record data	NPJ Digital Medicine	10/27/2021	34707226
A statistical quality assessment method for longitudinal observations in electronic health record data with an application to the VA million veteran program	BMC Medical Informatics and Decision Making	10/20/2021	34670548
Genetic liability for substance use associated with medical comorbidities in electronic health records of African- and European-ancestry individuals	Addiction Biology	10/5/2021	34611967
Genome-Wide Association Study of Peripheral Artery Disease	Circulation: Genomic and Precision Medicine	10/4/2021	34601942
Genome-wide analysis reveals genetic overlap between alcohol use behaviours, schizophrenia and bipolar disorder and identifies novel shared risk loci	Addiction	10/3/2021	34472679
Leisure time physical activity, sedentary behavior, and risk of cardiovascular disease and mortality among US Veterans	Journal of Novel Physiotherapy and Physical Rehabilitation	10/1/2021	35098260
Transcriptome-Wide Association Study Provides Insights Into the Genetic Component of Gene Expression in Anxiety	Frontiers in Genetics	9/28/2021	34650599
Novel characterization of the multivariate genetic architecture of internalizing psychopathology and alcohol use	American journal of Medical Genetics Part B, Neuropsychiatric Genetics	9/27/2021	34569141
Endothelial lipase mediates efficient lipolysis of triglyceride-rich lipoproteins	PLoS Genetics	9/20/2021	34543263

Publication Title	Journal	Date	PMID
Disentangling sex differences in the shared genetic architecture of posttraumatic stress disorder, traumatic experiences, and social support with body size and composition	Neurobiology of Stress	9/17/2021	34611531
From genetics to systems biology of stress-related mental disorders	Neurobiology of Stress	9/12/2021	34584908
Causal Associations Between Blood Lipids and COVID-19 Risk: A Two-Sample Mendelian Randomization Study	Arteriosclerosis, Thrombosis, and Vascular Biology	9/9/2021	34496635
Regulatory variants in TCF7L2 are associated with thoracic aortic aneurysm	The American Journal of Human Genetics	9/2/2021	34265237
Identification of novel genetic susceptibility loci for thoracic and abdominal aortic aneurysms via genome-wide association study using the UK Biobank Cohort	PloS One	9/1/2021	34469433
Association of Nut Consumption with Risk of Stroke and Cardiovascular Disease: The Million Veteran Program	Nutrients	8/30/2021	34578913
Analysis of Genetic and Clinical Factors Associated with Buprenorphine Response	Drug and Alcohol Dependence	8/28/2021	34488071
Multivariate analysis of 15 million people identifies genetic associations with traits related to self-regulation and addiction	Nature Neuroscience	8/26/2021	34446935
Multi-omics integration analysis identifies novel genes for alcoholism with potential overlap with neurodegenerative diseases	Nature Communications	8/20/2021	34417470
Prioritizing the Role of Major Lipoproteins and Subfractions as Risk Factors for Peripheral Artery Disease	Circulation	8/3/2021	34139859
Hearing loss and tinnitus: association studies for complex-hearing disorders in mouse and man	Human Genetics	7/27/2021	34318347
Polygenic Breast Cancer Risk for Women Veterans in the Million Veteran Program	JCO Precision Oncology	7/21/2021	34381935
Associations of Genetically Predicted Lp(a) (Lipoprotein [a]) Levels With Cardiovascular Traits in Individuals of European and African Ancestry	Circulation: Genomic and Precision Medicine	7/20/2021	34282949
Discovery and prioritization of variants and genes for kidney function in >12 million individuals	Nature Communications	7/16/2021	34272381
COVID-19 Insights Partnership: Leveraging big data from the Department of Veterans Affairs and supercomputers at the Department of Energy under the public health authority	Journal of the American Medical Informatics Association	7/14/2021	33779710

Publication Title	Journal	Date	PMID
Research tool for classifying Gulf War illness using survey responses: Lessons for writing replicable algorithms for symptom-based conditions	Life Sciences	7/6/2021	34242657
Genetics of substance use disorders in the era of big data	Nature Reviews Genetics	7/1/2021	34211176
Genetic Evidence for Repurposing of GLP1R (Glucagon-Like Peptide-1 Receptor) Agonists to Prevent Heart Failure	Journal of the American Heart Association	6/29/2021	34184541
Genomics of Gulf War Illness in US Veterans Who Served during the 1990-1991 Persian Gulf War: Methods and Rationale for Veterans Affairs Cooperative Study #2006	Brain Sciences	6/25/2021	34202057
Potential causal effect of posttraumatic stress disorder on alcohol use disorder and alcohol consumption in individuals of European descent: A Mendelian Randomization Study	Alcoholism: Clinical and Experimental Research	6/24/2021	34120358
Examining Individual and Synergistic Contributions of PTSD and Genetics to Blood Pressure: A Trans-Ethnic Meta-Analysis	Frontiers in Neuroscience	6/23/2021	34248484
Using Monozygotic Twins to Dissect Common Genes in Posttraumatic Stress Disorder and Migraine	Frontiers in Neuroscience	6/22/2021	34239411
Association of Apparent Treatment-Resistant Hypertension With Differential Risk of End-Stage Kidney Disease Across Racial Groups in the Million Veteran Program	Hypertension	6/21/2021	34148359
Comparison of COVID-19 versus influenza on the incidence, features, and recovery from acute kidney injury in hospitalized United States Veterans	Kidney International	6/7/2021	34111501
Psychological trauma and the genetic overlap between posttraumatic stress disorder and major depressive disorder	Psychological Medicine	6/4/2021	34085609
Metabolic Traits and Stroke Risk in Individuals of African Ancestry: Mendelian Randomization Analysis	Stroke	6/3/2021	34078102
Association of the transthyretin variant V122I with polyneuropathy among individuals of African ancestry	Scientific Reports	6/2/2021	34079032
Causal effect of renal function on venous thromboembolism: a two-sample Mendelian randomization investigation	Journal of Thrombosis and Thrombolysis	5/27/2021	34043151
Bi-ancestral depression GWAS in the Million Veteran Program and meta-analysis in >12 million individuals highlight new therapeutic directions	Nature Neuroscience	5/27/2021	34045744
Associations between Suicidal Thoughts and Behaviors and Genetic Liability for Cognitive Performance, Depression, and Risk-Taking in a High-Risk Sample	Complex psychiatry	5/18/2021	35592092

Publication Title	Journal	Date	PMID
Risk factors mediating the effect of body mass index and waist-to-hip ratio on cardiovascular outcomes: Mendelian randomization analysis	International Journal of Obesity	5/17/2021	34002035
Transcriptome-wide association analysis identifies DACH1 as a kidney disease risk gene that contributes to fibrosis	The Journal of clinical investigation	5/17/2021	33998598
Phenome-wide association of 1809 phenotypes and COVID-19 disease progression in the Veterans Health Administration Million Veteran Program	PloS One	5/13/2021	33984066
Genetic analysis in European ancestry individuals identifies 517 loci associated with liver enzymes	Nature Communications	5/10/2021	33972514
The impact of removing former drinkers from genome-wide association studies of AUDIT-C	Addiction	5/6/2021	33861876
Dissecting the heterogeneity of posttraumatic stress disorder: differences in polygenic risk, stress exposures, and course of PTSD subtypes	Psychological Medicine	5/5/2021	33947479
The Structure of Relationships between the Human Exposome and Cardiometabolic Health: The Million Veteran Program	Nutrients	4/19/2021	33921792
Association Between Genetic Variation in Blood Pressure and Increased Lifetime Risk of Peripheral Artery Disease	Arteriosclerosis, Thrombosis, and Vascular Biology	4/15/2021	33853351
Cooperative Studies Program (CSP) #572: A Study of Serious Mental Illness in Veterans as a Pathway to personalized medicine in Schizophrenia and Bipolar Illness	Personalized Medicine in Psychiatry	4/10/2021	34222732
Actionable druggable genome-wide Mendelian randomization identifies repurposing opportunities for COVID-19	Nature Medicine	4/9/2021	33837377
Associations of biogeographic ancestry with hypertension traits	Journal of Hypertension	4/1/2021	33534346
Dietary yogurt is distinct from other dairy foods in its association with circulating lipid profile: Findings from the Million Veteran Program	Clinical Nutrition ESPEN	3/20/2021	34024555
Genome-Wide Association Studies of Schizophrenia and Bipolar Disorder in a Diverse Cohort of US Veterans	Schizophrenia Bulletin	3/16/2021	33169155
Racial and Ethnic Disparities in US Veteran Health Characteristics	International Journal of Environmental Research and Public Health	3/2/2021	33801200
Chocolate consumption and risk of coronary artery disease: the Million Veteran Program	The American Journal of Clinical Nutrition	3/1/2021	34483344

Publication Title	Journal	Date	PMID
Development of a Multi-Study Repository to Support Research on Veteran Health: The VA Cooperative Studies Program Epidemiology Center-Durham (CSPEC-Durham) Data and Specimen Repository	Frontiers in Public Health	2/17/2021	33681131
Consumption of potatoes and incidence rate of coronary artery disease: The Million Veteran Program	Clinical Nutrition ESPEN	2/10/2021	33745578
Lipid and metabolic syndrome traits in coronary artery disease: a Mendelian randomization study	Journal of lipid research	2/6/2021	32907989
Multi-trait association studies discover pleiotropic loci between Alzheimer's disease and cardiometabolic traits	Alzheimer's Research & Therapy	2/4/2021	33541420
Genome-wide association analyses of post-traumatic stress disorder and its symptom subdomains in the Million Veteran Program	Nature Genetics	1/28/2021	33510476
Clinical laboratory test-wide association scan of polygenic scores identifies biomarkers of complex disease	Genome Medicine	1/13/2021	33441150
Kidney disease genetic risk variants alter lysosomal beta-mannosidase (MANBA) expression and disease severity	Science Translational Medicine	1/13/2021	33441424
Genetics of Smoking and Risk of Atherosclerotic Cardiovascular Diseases: A Mendelian Randomization Study	JAMA Network Open	1/4/2021	33464320
Urate, Blood Pressure, and Cardiovascular Disease: Evidence From Mendelian Randomization and Meta-Analysis of Clinical Trials	Hypertension	12/28/2020	33356394
Genetic determinants of increased body mass index mediate the effect of smoking on increased risk for type 2 diabetes but not coronary artery disease	Human Molecular Genetics	11/25/2020	32833022
Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals	Nature Genetics	11/23/2020	33230300
Therapeutic Potential of Heme Oxygenase-1 in Aneurysmal Diseases	Antioxidants	11/19/2020	33228202
PCSK9 loss of function is protective against extra-coronary atherosclerotic cardiovascular disease in a large multi-ethnic cohort	PloS One	11/9/2020	33166319
Clinical Research in Hepatology in the COVID-19 Pandemic and Post-Pandemic Era: Challenges and the Need for Innovation	Hepatology	11/6/2020	32740969
Analysis of Glucocorticoid-Related Genes Reveal CCHCR1 as a New Candidate Gene for Type 2 Diabetes	Journal of the Endocrine Society	11/1/2020	33150273

Publication Title	Journal	Date	PMID
Novel Risk Loci in Tinnitus and Causal Inference With Neuropsychiatric Disorders Among Adults of European Ancestry	JAMA Otolaryngology - Head & Neck Surgery	11/1/2020	32970095
Genetic Architecture of Abdominal Aortic Aneurysm in the Million Veteran Program	Circulation	10/27/2020	32981348
Polygenic prediction of PTSD trajectories in 9/11 responders	Psychological Medicine	10/23/2020	33092657
Meta-analysis investigating the role of interleukin-6 mediated inflammation in type 2 diabetes	EBioMedicine	10/21/2020	33096487
Genome-wide association study of smoking trajectory and meta-analysis of smoking status in 842,000 individuals	Nature Communications	10/20/2020	33082346
A MicroRNA Linking Human Positive Selection and Metabolic Disorders	Cell	10/14/2020	33058756
Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells	Nature	10/14/2020	33057200
Association of OPRM1 Functional Coding Variant With Opioid Use Disorder: A Genome-Wide Association Study	JAMA Psychiatry	10/1/2020	32492095
Genetic predisposition to smoking in relation to 14 cardiovascular diseases	European Heart Journal Open	9/14/2020	32300774
Transcriptomic signatures across human tissues identify functional rare genetic variation	Science	9/11/2020	32913073
The relationship between circulating lipids and breast cancer risk: A Mendelian randomization study	PLoS medicine	9/11/2020	32915777
Chromosome 1q212 and additional loci influence risk of spontaneous coronary artery dissection and myocardial infarction	Nature Communications	9/4/2020	32887874
Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations	Cell Press	9/3/2020	32888493
The Polygenic and Monogenic Basis of Blood Traits and Diseases	Cell Press	9/3/2020	32888494
Mendelian Randomization Analysis of Hemostatic Factors and Their Contribution to Peripheral Artery Disease-Brief Report	AHA Arteriosclerosis, Thrombosis, & Vascular Biology	8/27/2020	32847391
Validating a non-invasive, ALT-based non-alcoholic fatty liver phenotype in the million veteran program	PloS One	8/25/2020	32841307

Publication Title	Journal	Date	PMID
The Precision Oncology Program for Cancer of the Prostate (POPCaP) Network: A Veterans Affairs/Prostate Cancer Foundation Collaboration	Federal Practitioner	8/1/2020	32908353
Increasing access to clinical research using an innovative mobile recruitment approach: The (MoRe) concept	Contemporary clinical trials communications	7/18/2020	32775763
Discovery of 318 new risk loci for type 2 diabetes and related vascular outcomes among 14 million participants in a multi-ancestry meta-analysis	Nature Genetics	6/15/2020	32541925
Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache	International Journal of Epidemiology	6/1/2020	32306029
Standardized Architecture for a Mega-Biobank Phenomic Library: The Million Veteran Program (MVP)	American Medical Informatics Association (AMIA) – Joint Summits on Translational Science proceedings	5/30/2020	32477652
JSONize: A Scalable Machine Learning Pipeline to Model Medical Notes as Semi-structured Documents	American Medical Informatics Association (AMIA) – Joint Summits on Translational Science proceedings	5/30/2020	32477675
Genome-wide meta-analysis of problematic alcohol use in 435,563 individuals yields insights into biology and relationships with other traits	Nature Neuroscience	5/25/2020	32451486
Heterogeneity and Polygenicity in Psychiatric Disorders: A Genome-Wide Perspective	Chronic Stress	5/18/2020	32518889
The polygenic architecture of left ventricular mass mirrors the clinical epidemiology	Scientific Reports	5/5/2020	32372017
A missense variant in Mitochondrial Amidoxime Reducing Component 1 gene and protection against liver disease	PLoS Genetics	4/13/2020	32282858
Genotyping Array Design and Data Quality Control in the Million Veteran Program	The American Journal of Human Genetics	4/2/2020	32243820
Leveraging the health information technology infrastructure to advance federal research priorities	Journal of the American Medical Informatics Association : JAMIA	4/1/2020	32090259
Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study	PLoS Genetics	3/30/2020	32226016
Integrating Mouse and Human Genetic Data to Move beyond GWAS and Identify Causal Genes in Cholesterol Metabolism	Cell Metabolism	3/19/2020	32197071

Publication Title	Journal	Date	PMID
Diverse types of genomic evidence converge on alcohol use disorder risk genes	Journal of Medical Genetics	3/13/2020	32170004
Reproducible Genetic Risk Loci for Anxiety: Results From ~200,000 Participants in the Million Veteran Program	The American Journal of Psychiatry	3/1/2020	31906708
Genetic determinants of blood lipids and cerebral small vessel disease: role of high-density lipoprotein cholesterol	Brain	2/1/2020	31968102
A New Liver Expression Quantitative Trait Locus Map From 1,183 Individuals Provides Evidence for Novel Expression Quantitative Trait Loci of Drug Response, Metabolic, and Sex-Biased Phenotypes	Clinical Pharmacology and Therapeutics	1/30/2020	31868224
CD8 infiltration is associated with disease control and tobacco exposure in intermediate-risk oropharyngeal cancer	Scientific Reports	1/14/2020	31937831
Longitudinal epigenome-wide association studies of three male military cohorts reveal multiple CpG sites associated with post-traumatic stress disorder	Clinical Epigenetics	1/13/2020	31931860
Genome-wide association study of cognitive performance in U.S. veterans with schizophrenia or bipolar disorder	American journal of medical genetics Part B, Neuropsychiatric Genetics	12/24/2019	31872970
Egg consumption and risk of coronary artery disease in the Million Veteran Program	Clinical Nutrition	12/24/2019	31902601
Genome-Wide Association Study of Apparent Treatment-Resistant Hypertension in the CHARGE Consortium: The CHARGE Pharmacogenetics Working Group	American Journal of Hypertension	11/15/2019	31545351
Genomic and Transcriptomic Association Studies Identify 16 Novel Susceptibility Loci for Venous Thromboembolism	Blood	11/7/2019	31420334
High-throughput Multimodal Automated Phenotyping (MAP) with Application to PheWAS	Journal of the American Medical Informatics Association	11/1/2019	31613361
Genome-wide association analysis of venous thromboembolism identifies new risk loci and genetic overlap with arterial vascular disease	Nature Genetics	11/1/2019	31676865
International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci	Nature Communications	10/8/2019	31594949
Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels	Nature Genetics	10/2/2019	31578528
Harmonizing genetic ancestry and self-identified race/ethnicity in genome-wide association studies	The American Journal of Human Genetics	9/26/2019	31564439

Publication Title	Journal	Date	PMID
Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria	Nature Communications	9/11/2019	31511532
Mapping eGFR loci to the renal transcriptome and phenome in the VA Million Veteran Program	Nature Communications	8/26/2019	31451708
Differentiating Types of Self-Reported Alcohol Abstinence	AIDS and behavior	8/21/2019	31435887
Genomewide Association Study of Posttraumatic Stress Disorder Re-Experiencing Symptoms in >165,000 US Veterans Yields New Biological Knowledge	Nature Neuroscience	7/29/2019	31358989
Association of APOL1 Risk Alleles with Cardiovascular Disease in African Americans in the Million Veteran Program	Circulation	7/24/2019	31337231
Genome-wide association study of peripheral artery disease in the Million Veteran Program	Nature Medicine	7/8/2019	31285632
Gender Differences in Demographic and Health Characteristics of the Million Veteran Program Cohort	Women's Health Issues	6/25/2019	31253243
Fried Food Consumption and Risk of Coronary Artery Disease: The Million Veteran Program	Clinical Nutrition	6/5/2019	31279615
A catalog of genetic loci associated with kidney function from analyses of a million individuals	Nature Genetics	5/31/2019	31152163
Genetically-guided algorithm development and sample size optimization for age-related macular degeneration cases and controls in electronic health records from the VA Million Veteran Program	AMIA Joint Summits on Translational Science Proceedings	5/6/2019	31258967
Validation of an Electronic Medical Record-Based Algorithm for Identifying Posttraumatic Stress Disorder in US Veterans	Journal of Traumatic Stress	4/22/2019	31009556
Genome-wide Association Study of Maximum Habitual Alcohol Intake in >140,000 US European and African American Veterans Yields Novel Risk Loci	Biological Psychiatry	4/8/2019	31151762
Genome-wide association study of alcohol consumption and use disorder in 274,424 individuals from multiple populations	Nature Communications	4/2/2019	30940813
Genomics of Posttraumatic Stress Disorder in Veterans: Methods and Rationale for Veterans Affairs Cooperative Study #575B	International Journal of Methods in Psychiatric Research	3/28/2019	30767326
Omega-3 supplement use, fish intake, and risk of non-fatal coronary artery disease and	Clinical Nutrition	3/13/2019	30914216

Publication Title	Journal	Date	PMID
Longitudinal drinking patterns and their clinical correlates in Million Veteran Program participants	Alcoholism: Clinical and Experimental Research	2/3/2019	30592535
Genetic associations with suicide attempt severity and genetic overlap with major depression	Translational Psychiatry	1/17/2019	30655502
Trans-ethnic association study of blood pressure determinants in over 750,000 individuals	Nature Genetics	12/21/2018	30578418
Effects of Genetic Variants Associated with Familial Hypercholesterolemia on Low-Density Lipoprotein Cholesterol Levels and Cardiovascular Outcomes in the Million Veteran Program	Circulation: Genomic and Precision Medicine	12/11/2018	31106297
Robust Findings From 25 Years of PTSD Genetics Research	Current Psychiatry Reports	10/23/2018	30350223
A phenotyping algorithm to identify acute ischemic stroke accurately from a national biobank: the Million Veteran Program	Clinical Epidemiology	10/16/2018	30425582
Using DNA methylation to validate an electronic medical record phenotype for smoking	Addiction Biology	10/4/2018	30284751
Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program	Nature Genetics	10/1/2018	30275531
Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits	Nature Genetics	9/17/2018	30224653
Baseline Characterization and Annual Trends of Body Mass Index for a Mega-Biobank Cohort of US Veterans 2011-2017	Journal of Health Research and Reviews	8/13/2018	33117892
Association of Interleukin 6 Receptor Variant With Cardiovascular Disease Effects of Interleukin 6 Receptor Blocking Therapy: A Phenome-Wide Association Study	JAMA Cardiology	8/8/2018	30090940
AUDIT-C and ICD codes as phenotypes for harmful alcohol use: Association with ADH1B polymorphisms in two US populations	Addiction	8/1/2018	29972609
Interdisciplinary Models for Research and Clinical Endeavors in Genomic Medicine: A Scientific Statement From the American Heart Association	Circulation: Genomic and precision medicine	5/29/2018	29844141
Big data from electronic health records for early and late translational cardiovascular research: challenges and potential	European Heart Journal	4/21/2018	29370377
DASH Score and Subsequent Risk of Coronary Artery Disease: The Findings From Million Veteran Program	Journal of the American Heart Association	4/21/2018	29680824



Publications through June 2026



U.S. Department of Veterans Affairs

Veterans Health Administration
Office of Research & Development

Publication Title	Journal	Date	PMID
Prevalence of Ideal Cardiovascular Health Metrics in the Million Veteran Program	The American Journal of Cardiology	4/12/2018	29753396
Alcohol Consumption and Risk of Coronary Artery Disease (From The Million Veteran Program)	The American Journal of Cardiology	2/12/2018	29580627
Post-genomic behavioral genetics: From revolution to routine	Genes, brain, and behavior	12/21/2017	29193773
Exome-wide association study of plasma lipids in >300,000 individuals	Nature Genetics	10/30/2017	29083408
Impact of VA Research on Health Care for All: Contributions Over Nine Decades and Counting	Circulation Research	6/23/2017	28642325
Cancer Moonshot Data and Technology Team: Enabling a National Learning Healthcare System for Cancer to Unleash the Power of Data	Clinical pharmacology and therapeutics	4/18/2017	28139831
Validating harmful alcohol use as a phenotype for genetic discovery using phosphatidylethanol and a polymorphism in ADH1B	Alcoholism: Clinical and Experimental Research	4/10/2017	28295416
Pharmacogenetics and Pharmacotherapy of Military Personnel Suffering from Post-traumatic Stress Disorder	Current Neuropharmacology	11/8/2016	27834145
Accelerating the Development and Validation of New Value-Based Diagnostics by Leveraging Biobanks	Public Health Genomics	6/1/2016	27237867
Precision Medicine in Gastrointestinal Pathology	Archives of pathology & laboratory medicine	5/1/2016	27128302
Many Phenotypes Without Many False Discoveries: Error Controlling Strategies for Multitrait Association Studies	Genetic Epidemiology	12/2/2015	26626037
Million Veteran Program: A mega-biobank to study genetic influences on health and disease	Journal of Clinical Epidemiology	10/9/2015	26441289
Preferences for opt-in and opt-out enrollment and consent models in biobank research: a national survey of Veterans Administration patients	Genetics in Medicine	9/14/2012	22538255