



## Publications through December 2022

VA



U.S. Department of Veterans Affairs

Veterans Health Administration  
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Publication Title	Journal	Year	PMID/Journal
<b>Million Veteran Program: A mega-biobank to study genetic influences on health and disease</b>	Journal of Clinical Epidemiology	2016	<a href="#">26441289</a>
<b>Exome-wide association study of plasma lipids in &gt;300,000 individuals</b>	Nature Genetics	2017	<a href="#">29083408</a>
<b>Validating harmful alcohol use as a phenotype for genetic discovery using phosphatidylethanol and a polymorphism in ADH1B</b>	Alcoholism Clinical and Experimental Research	2017	<a href="#">28295416</a>
<b>Baseline Characterization and Annual Trends of Body Mass Index for a Mega Biobank Cohort of US Veterans 2011-2017</b>	Journal of Health Research and Reviews	2018	<a href="#">JHRR</a>
<b>Prevalence of Ideal Cardiovascular Health Metrics in the Million Veteran Program</b>	American Journal of Cardiology	2018	<a href="#">29753396</a>
<b>Alcohol Consumption and Risk of Coronary Artery Disease (From The Million Veteran Program)</b>	American Journal of Cardiology	2018	<a href="#">29580627</a>
<b>DASH Score and Subsequent Risk of Coronary Artery Disease: The Findings From Million Veteran Program</b>	Journal of the American Heart Association	2018	<a href="#">29680824</a>
<b>A phenotyping algorithm to identify acute ischemic stroke accurately from a national biobank: the Million Veteran Program</b>	Clinical Epidemiology	2018	<a href="#">30425582</a>
<b>Effects of Genetic Variants Associated with Familial Hypercholesterolemia on Low-Density Lipoprotein Cholesterol Levels and Cardiovascular Outcomes in the Million Veteran Program</b>	Circulation Genomics and Precision Medicine	2018	<a href="#">31106297</a>
<b>Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program</b>	Nature Genetics	2018	<a href="#">30275531</a>
<b>Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits</b>	Nature Genetics	2018	<a href="#">30224653</a>
<b>Association of Interleukin 6 Receptor Variant With Cardiovascular Disease Effects of Interleukin 6 Receptor Blocking Therapy: A Phenome-Wide Association Study</b>	JAMA Cardiology	2018	<a href="#">30090940</a>
<b>Longitudinal drinking patterns and their clinical correlates in Million Veteran Program participants</b>	Alcoholism Clinical and Experimental Research	2018	<a href="#">30592535</a>
<b>AUDIT-C and ICD codes as phenotypes for harmful alcohol use: Association with ADH1B polymorphisms in two US populations</b>	Addiction	2018	<a href="#">29972609</a>
<b>Using DNA methylation to validate an electronic medical record phenotype for smoking</b>	Addiction Biology	2018	<a href="#">30284751</a>
<b>Genomics of Posttraumatic Stress Disorder in Veterans: Methods and Rationale for Veterans Affairs Cooperative Study #575B</b>	International Journal of Methods in Psychiatric Research	2019	<a href="#">30767326</a>



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<b>Validation of an Electronic Medical Record-Based Algorithm for Identifying Posttraumatic Stress Disorder in US Veterans</b>	Journal of Traumatic Stress	2019	<a href="#">31009556</a>
<b>Genomewide Association Study of Maximum Habitual Alcohol Intake in &gt;140,000 US European- and African-American Veterans Yields Novel Risk Loci</b>	Biological Psychiatry	2019	<a href="#">31151762</a>
<b>Genomewide Association Study of Posttraumatic Stress Disorder Re-Experiencing Symptoms in &gt;165,000 US Veterans Yields New Biological Knowledge</b>	Nature Neuroscience	2019	<a href="#">31358989</a>
<b>International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci</b>	Nature Communications	2019	<a href="#">31594949</a>
<b>High-throughput Multimodal Automated Phenotyping (MAP) with Application to PheWAS</b>	Journal of the American Medical Informatics Association	2019	<a href="#">JAMIA</a>
<b>Gender Differences in Demographic and Health Characteristics of the Million Veteran Program Cohort</b>	Women's Health Issues	2019	<a href="#">31253243</a>
<b>Fried Food Consumption and Risk of Coronary Artery Disease: The Million Veteran Program</b>	Clinical Nutrition	2019	<a href="#">31279615</a>
<b>Omega-3 supplement use, fish intake, and risk of non-fatal coronary artery disease and</b>	Clinical Nutrition	2019	<a href="#">30914216</a>
<b>Association of APOL1 Risk Alleles with Cardiovascular Disease in African Americans in the Million Veteran Program</b>	Circulation	2019	<a href="#">31337231</a>
<b>Trans-ethnic association study of blood pressure determinants in over 750,000 individuals</b>	Nature Genetics	2019	<a href="#">30578418</a>
<b>Genome-wide association study of peripheral artery disease in the Million Veteran Program</b>	Nature Medicine	2019	<a href="#">31285632</a>
<b>Genomic and Transcriptomic Association Studies Identify 16 Novel Susceptibility Loci for Venous Thromboembolism</b>	Blood	2019	<a href="#">31420334</a>
<b>Harmonizing genetic ancestry and self-identified race/ethnicity in genome-wide association studies</b>	American Journal of Human Genetics	2019	<a href="#">31564439</a>
<b>Mapping eGFR loci to the renal transcriptome and phenome in the VA Million Veteran Program</b>	Nature Communications	2019	<a href="#">31451708</a>
<b>Genome-wide association analysis of venous thromboembolism identifies new risk loci and genetic overlap with arterial vascular disease</b>	Nature Genetics	2019	<a href="#">5395047</a>
<b>Genome-Wide Association Study of Apparent Treatment-Resistant Hypertension in the CHARGE Consortium: The CHARGE Pharmacogenetics Working Group</b>	American Journal of Hypertension	2019	<a href="#">31545351</a>
<b>Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria</b>	Nature Communication	2019	<a href="#">31511532</a>



<b>Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels</b>	Nature Genetics	2019	<a href="#">31578528</a>
<b>A catalog of genetic loci associated with kidney function from analyses of a million individuals</b>	Nature Genetics	2019	<a href="#">31152163</a>
<b>Genome-wide association study of alcohol consumption and use disorder in 274,424 individuals from multiple populations</b>	Nature Communications	2019	<a href="#">30940813</a>
<b>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</b>	AMIA Joint Summits on Translational Science Proceedings	2019	<a href="#">31258967</a>
<b>Genome-Wide Association Studies of Schizophrenia and Bipolar Disorder in a Diverse Cohort of US Veterans</b>	Schizophrenia Bulletin	2020	<a href="#">33169155</a>
<b>Reproducible Genetic Risk Loci for Anxiety: Results From ~200,000 Participants in the Million Veteran Program</b>	The American Journal of Psychiatry	2020	<a href="#">31906708</a>
<b>Standardized Architecture for a Mega-Biobank Phenomic Library: The Million Veteran Program (MVP)</b>	AMIA Joint Summits on Translational Science Proceedings	2020	<a href="#">32477652</a>
<b>JSONize: A Scalable Machine Learning Pipeline to Model Medical Notes as Semi-structured Documents</b>	AMIA Joint Summits on Translational Science Proceedings	2020	<a href="#">32477675</a>
<b>PCSK9 loss of function is protective against extra-coronary atherosclerotic cardiovascular disease in a large multi-ethnic cohort</b>	PLoS One	2020	<a href="#">33166319</a>
<b>The relationship between circulating lipids and breast cancer risk: A Mendelian randomization study</b>	PLoS Medicine	2020	<a href="#">32915777</a>
<b>Egg consumption and risk of coronary artery disease in the Million Veteran Program</b>	Clinical Nutrition	2020	<a href="#">31902601</a>
<b>Genetic determinants of increased body mass index mediate the effect of smoking on increased risk for type 2 diabetes risk but not coronary artery disease</b>	Human Molecular Genetics	2020	<a href="#">32833022</a>
<b>Mendelian Randomization Analysis of Hemostatic Factors and Their Contribution to Peripheral Artery Disease</b>	AHA Arteriosclerosis, Thrombosis, & Vascular Biology	2020	<a href="#">32847391</a>
<b>Chromosome 1q21.2 and additional loci influence risk of spontaneous coronary artery dissection and myocardial infarction</b>	Nature Communications	2020	<a href="#">32887874</a>
<b>Genetic predisposition to smoking in relation to 14 cardiovascular diseases</b>	European Heart Journal	2020	<a href="#">32300774</a>
<b>Genetic Architecture of Abdominal Aortic Aneurysm in the Million Veteran Program</b>	Circulation	2020	<a href="#">32981348</a>
<b>Validating a non-invasive, ALT-based non-alcoholic fatty liver phenotype in the million veteran program</b>	PLoS One	2020	<a href="#">32841307</a>



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<b>Discovery of 318 new risk loci for type 2 diabetes and related vascular outcomes among 1.4 million participants in a multi-ancestry meta-analysis</b>	Nature Genetics	2020	<a href="#">32541925</a>
<b>Association of OPRM1 Functional Coding Variant With Opioid Use Disorder: A Genome-Wide Association Study</b>	JAMA Psychiatry	2020	<a href="#">32492095</a>
<b>Genome-wide association study of smoking trajectory and meta-analysis of smoking status in 842,000 individuals</b>	Nature Communications	2020	<a href="#">33082346</a>
<b>Genome-wide meta-analysis of problematic alcohol use in 435,563 individuals yields insights into biology and relationships with other traits</b>	Nature Neuroscience	2020	<a href="#">32451486</a>
<b>Novel Risk Loci in Tinnitus and Causal Inference With Neuropsychiatric Disorders Among Adults of European Ancestry</b>	JAMA Otolaryngology - Head & Neck Surgery	2020	<a href="#">32970095</a>
<b>Genotyping Array Design and Data Quality Control in the Million Veteran Program</b>	American Journal of Human Genetics	2020	<a href="#">32243820</a>
<b>Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study</b>	PLOS Genetics	2020	<a href="#">32226016</a>
<b>A missense variant in Mitochondrial Amidoxime Reducing Component 1 gene and protection against liver disease</b>	PLOS Genetics	2020	<a href="#">32282858</a>
<b>The Polygenic and Monogenic Basis of Blood Traits and Diseases</b>	Cell Press	2020	<a href="#">32888494</a>
<b>Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations</b>	Cell Press	2020	<a href="#">32888493</a>
<b>Genome-wide association analyses of post-traumatic stress disorder and its symptom subdomains in the Million Veteran Program</b>	Nature Genetics	2021	<a href="#">33510476</a>
<b>The Structure of Relationships between the Human Exposome and Cardiometabolic Health: The Million Veteran Program</b>	Nutrients	2021	<a href="#">33921792</a>
<b>Racial and Ethnic Disparities in U.S. Veteran Health Characteristics</b>	International Journal of Environmental Research and Public Health	2021	<a href="#">33801200</a>
<b>Consumption of potatoes and incidence rate of coronary artery disease: The Million Veteran Program</b>	Clinical Nutrition ESPEN	2021	<a href="#">33745578</a>
<b>Associations of biogeographic ancestry with hypertension traits</b>	Journal of Hypertension	2021	<a href="#">33534346</a>



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<b>Urate, Blood Pressure, and Cardiovascular Disease: Evidence From Mendelian Randomization and Meta-Analysis of Clinical Trials</b>	Hypertension	2021	<a href="#">33356394</a>
<b>Genetics of Smoking and Risk of Atherosclerotic Cardiovascular Diseases: A Mendelian Randomization Study</b>	JAMA Network Open	2021	<a href="#">33464320</a>
<b>Multi-trait association studies discover pleiotropic loci between Alzheimer's disease and cardiometabolic traits</b>	Alzheimer's Research & Therapy	2021	<a href="#">33541420</a>
<b>Actionable druggable genome-wide Mendelian randomization identifies repurposing opportunities for COVID-19</b>	Nature Medicine	2021	<a href="#">33837377</a>
<b>Analysis of genetic and clinical factors associated with buprenorphine response</b>	Drug Alcohol Depend	2021	<a href="#">34488071</a>
<b>Chocolate consumption and risk of coronary artery disease: the Million Veteran Program</b>	The American Journal of Clinical Nutrition	2021	<a href="#">34483344</a>
<b>Polygenic Breast Cancer Risk for Women Veterans in the Million Veteran Program</b>	JCO Precision Oncology	2021	<a href="#">34381935</a>
<b>Hearing loss and tinnitus: association studies for complex-hearing disorders in mouse and man</b>	Human Genetics	2021	<a href="#">34318347</a>
<b>Associations of Genetically Predicted Lp(a) (Lipoprotein [a]) Levels With Cardiovascular Traits in Individuals of European and African Ancestry</b>	Circulation: Genomic and Precision Medicine	2021	<a href="#">34282949</a>
<b>Discovery and prioritization of variants and genes for kidney function in &gt;1.2 million individuals</b>	Nature Communications	2021	<a href="#">34272381</a>
<b>Regulatory variants in TCF7L2 are associated with thoracic aortic aneurysm</b>	American Journal of Human Genetics	2021	<a href="#">34265237</a>
<b>Cooperative Studies Program (CSP) #572: A Study of Serious Mental Illness in Veterans as a Pathway to personalized medicine in Schizophrenia and Bipolar Illness</b>	Personalized Medicine in Psychiatry	2021	<a href="#">34222732</a>
<b>Genomics of Gulf War Illness in U.S. Veterans Who Served during the 1990-1991 Persian Gulf War: Methods and Rationale for Veterans Affairs Cooperative Study #2006</b>	Brain Sciences	2021	<a href="#">34202057</a>
<b>Association of Apparent Treatment-Resistant Hypertension With Differential Risk of End-Stage Kidney Disease Across Racial Groups in the Million Veteran Program</b>	Hypertension	2021	<a href="#">34148359</a>
<b>Potential causal effect of posttraumatic stress disorder on alcohol use disorder and alcohol consumption in individuals of European descent: A Mendelian Randomization Study</b>	Alcoholism, Clinical and Experimental Research	2021	<a href="#">34120358</a>
<b>Psychological trauma and the genetic overlap between posttraumatic stress disorder and major depressive disorder</b>	Psychological Medicine	2021	<a href="#">34085609</a>



<b>Association of the transthyretin variant V122I with polyneuropathy among individuals of African ancestry</b>	Scientific Reports	2021	<a href="#">34079032</a>
<b>Metabolic Traits and Stroke Risk in Individuals of African Ancestry: Mendelian Randomization Analysis</b>	Stroke	2021	<a href="#">34078102</a>
<b>Bi-ancestral depression GWAS in the Million Veteran Program and meta-analysis in &gt;1.2 million individuals highlight new therapeutic directions</b>	Nature Neuroscience	2021	<a href="#">34045744</a>
<b>Dietary yogurt is distinct from other dairy foods in its association with circulating lipid profile: Findings from the Million Veteran Program</b>	Clinical Nutrition ESPEN	2021	<a href="#">34024555</a>
<b>Phenome-wide association of 1809 phenotypes and COVID-19 disease progression in the Veterans Health Administration Million Veteran Program</b>	PLoS One	2021	<a href="#">33984066</a>
<b>Genetic analysis in European ancestry individuals identifies 517 loci associated with liver enzymes</b>	Nature Communications	2021	<a href="#">33972514</a>
<b>Association Between Genetic Variation in Blood Pressure and Increased Lifetime Risk of Peripheral Artery Disease</b>	Arteriosclerosis, Thrombosis, and Vascular Biology	2021	<a href="#">33853351</a>
<b>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</b>	JAMIA	2021	<a href="#">33779710</a>
<b>Attachment Style Moderates Polygenic Risk for Posttraumatic Stress in United States Military Veterans: Results From the National Health and Resilience in Veterans Study</b>	Biological Psychiatry	2021	<a href="#">33276944</a>
<b>Leisure time physical activity, sedentary behavior, and risk of cardiovascular disease and mortality among US Veterans</b>	Journal of Novel Physiotherapy and Physical Rehabilitation	2021	<a href="#">35098260</a>
<b>Attachment Style Moderates Polygenic Risk for Incident Posttraumatic Stress in U.S. Military Veterans: A 7-Year, Nationally Representative, Prospective Cohort Study</b>	Biological Psychiatry	2021	<a href="#">34955171</a>
<b>Characterization of Million Veteran Program (MVP) enrollees with Comprehensive Traumatic Brain Injury Evaluation (CTBIE) data: An analysis of neurobehavioral symptoms</b>	Journal of Psychiatric Research	2021	<a href="#">34942434</a>
<b>The power of genetic diversity in genome-wide association studies of lipids</b>	Nature	2021	<a href="#">34887591</a>
<b>Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information</b>	Biological Psychiatry	2021	<a href="#">34865855</a>
<b>Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors</b>	Biological Psychiatry	2021	<a href="#">34861974</a>



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<b>Trellis for efficient data and task management in the VA Million Veteran Program</b>	Scientific Reports	2021	<a href="#">34853358</a>
<b>Development and Evaluation of a Rules-based Algorithm for Primary Open-Angle Glaucoma in the VA Million Veteran Program</b>	Ophthalmic Epidemiology	2021	<a href="#">34822319</a>
<b>Clinical knowledge extraction via sparse embedding regression (KESER) with multi-center large scale electronic health record data</b>	NPJ Digital Medicine	2021	<a href="#">34707226</a>
<b>A statistical quality assessment method for longitudinal observations in electronic health record data with an application to the VA million veteran program</b>	BMC Medical Informatics Decision Making	2021	<a href="#">34670548</a>
<b>Use of the PsycheMERGE Network to Investigate the Association Between Depression Polygenic Scores and White Blood Cell Count</b>	JAMA Psychiatry	2021	<a href="#">34668925</a>
<b>Genetic liability for substance use associated with medical comorbidities in electronic health records of African- and European-ancestry individuals</b>	Addiction Biology	2021	<a href="#">34611967</a>
<b>Disentangling sex differences in the shared genetic architecture of posttraumatic stress disorder, traumatic experiences, and social support with body size and composition</b>	Neurobiology of Stress	2021	<a href="#">34611531</a>
<b>Association of Nut Consumption with Risk of Stroke and Cardiovascular Disease: The Million Veteran Program</b>	Nutrients	2021	<a href="#">34578913</a>
<b>A Missense Variant in the IL-6 Receptor and Protection From Peripheral Artery Disease</b>	Circulation Research	2021	<a href="#">34547901</a>
<b>Analysis of genetic and clinical factors associated with buprenorphine response</b>	Drug and Alcohol Dependence	2021	<a href="#">34488071</a>
<b>Associations of Genetically Predicted Lp(a) (Lipoprotein [a]) Levels With Cardiovascular Traits in Individuals of European and African Ancestry</b>	Circulation: Genomic Precision Medicine	2021	<a href="#">34282949</a>
<b>Association of Apparent Treatment-Resistant Hypertension With Differential Risk of End-Stage Kidney Disease Across Racial Groups in the Million Veteran Program</b>	Hypertension	2021	<a href="#">34148359</a>
<b>Potential causal effect of posttraumatic stress disorder on alcohol use disorder and alcohol consumption in individuals of European descent: A Mendelian Randomization Study</b>	Alcohol: Clinical and Experimental Research	2021	<a href="#">34120358</a>
<b>Metabolic Traits and Stroke Risk in Individuals of African Ancestry: Mendelian Randomization Analysis</b>	Stroke	2021	<a href="#">34078102</a>



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<b>A genome-wide association study of suicide attempts in the million veterans program identifies evidence of pan-ancestry and ancestry-specific risk loci</b>	Molecular Psychiatry	2022	<a href="#">35347246</a>
<b>Lipid traits and type 2 diabetes risk in African ancestry individuals: A Mendelian Randomization study</b>	EBioMedicine	2022	<a href="#">35325778</a>
<b>Degree of Adherence to Based Diet and Total and Cause-Specific Mortality: Prospective Cohort Study in the Million Veteran Program</b>	Public Health Nutrition	2022	<a href="#">35307047</a>
<b>Development of a polygenic risk score to improve detection of peripheral artery disease</b>	Vascular Medicine	2022	<a href="#">35287516</a>
<b>Dietary Sodium and Potassium Intake and Risk of Non-Fatal Cardiovascular Diseases: The Million Veteran Program</b>	Nutrients	2022	<a href="#">35268096</a>
<b>Genetically regulated multi-omics study for symptom clusters of posttraumatic stress disorder highlights pleiotropy with hematologic and cardio-metabolic traits</b>	Molecular Psychiatry	2022	<a href="#">35241783</a>
<b>Genetic and clinical determinants of abdominal aortic diameter: genome-wide association studies, exome array data and Mendelian randomization study</b>	Human Molecular Genetics	2022	<a href="#">35234888</a>
<b>Genetic Loci Associated With COVID-19 Positivity and Hospitalization in White, Black, and Hispanic Veterans of the VA Million Veteran Program</b>	Frontiers in Genetics	2022	<a href="#">35222515</a>
<b>Coronary Artery Disease Risk of Familial Hypercholesterolemia Genetic Variants Independent of Clinically Observed Longitudinal Cholesterol Exposure</b>	Circulation Genomic and Precision Medicine	2022	<a href="#">35143253</a>
<b>Transcriptome-wide association study in UK biobank Europeans identifies associations with blood cell traits</b>	Human Molecular Genetics	2022	<a href="#">35138379</a>
<b>Genome-wide meta-analysis of alcohol use disorder in East Asians</b>	Neuropsychopharmacology	2022	<a href="#">35094024</a>
<b>Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors</b>	Biological Psychiatry	2022	<a href="#">34861974</a>
<b>Genetic liability for substance use associated with medical comorbidities in electronic health records of African- and European-ancestry individuals</b>	Addiction Biology	2022	<a href="#">34611967</a>
<b>Genome-wide and phenome-wide analysis of ideal cardiovascular health in the VA Million Veteran Program</b>	PLoS One	2022	<a href="#">35613103</a>
<b>Integration of rare expression outlier-associated variants improves polygenic risk prediction</b>	American Journal of Human Genetics	2022	<a href="#">35588732</a>
<b>A case for developing domain-specific vocabularies for extracting suicide factors from healthcare notes</b>	Journal of Psychiatric Research	2022	<a href="#">35533516</a>



<b>Subjective cognitive and psychiatric well-being in U.S. Military Veterans screened for deployment-related traumatic brain injury: A Million Veteran Program Study</b>	Journal of Psychiatric Research	2022	<a href="#">35483132</a>
<b>A Phenome-Wide Association Study of genes associated with COVID-19 severity reveals shared genetics with complex diseases in the Million Veteran Program</b>	PLoS Genetics	2022	<a href="#">35482673</a>
<b>Million Veteran Program's response to COVID-19: Survey development and preliminary findings</b>	PLoS One	2022	<a href="#">35468170</a>
<b>Integrating human brain proteomes with genome-wide association data implicates novel proteins in post-traumatic stress disorder</b>	Molecular Psychiatry	2022	<a href="#">35449297</a>
<b>Binary acronym disambiguation in clinical notes from electronic health records with an application in computational phenotyping</b>	International Journal of Medical Informatics	2022	<a href="#">35405530</a>
<b>A genome-wide association study of suicide attempts in the million veterans program identifies evidence of pan-ancestry and ancestry-specific risk loci</b>	Molecular Psychiatry	2022	<a href="#">35347246</a>
<b>Coronary Artery Disease Risk of Familial Hypercholesterolemia Genetic Variants Independent of Clinically Observed Longitudinal Cholesterol Exposure</b>	Circular: Genomic and Precision Medicine	2022	<a href="#">35143253</a>
<b>APOL1 Risk Variants, Acute Kidney Injury, and Death in Participants With African Ancestry Hospitalized With COVID-19 From the Million Veteran Program</b>	JAMA Internal Medicine	2022	<a href="#">35089317</a>
<b>Attachment Style Moderates Polygenic Risk for Incident Posttraumatic Stress in U.S. Military Veterans: A 7-Year, Nationally Representative, Prospective Cohort Study</b>	Biological Psychiatry	2022	<a href="#">34955171</a>
<b>Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information</b>	Biological Psychiatry	2022	<a href="#">34865855</a>
<b>Hearing loss and tinnitus: association studies for complex-hearing disorders in mouse and man</b>	Human Genetics	2022	<a href="#">34318347</a>
<b>Egg consumption and risk of acute stroke in the Million Veteran Program</b>	Clinical Nutrition ESPEN	2022	<a href="#">35871921</a>
<b>A MUC5B Gene Polymorphism, rs35705950-T Confers Protective Effects Against COVID-19 Hospitalization but not Severe Disease or Mortality</b>	American Journal Respiratory Critical Care Medical	2022	<a href="#">35771531</a>
<b>Association of Kidney Comorbidities and Acute Kidney Failure With Unfavorable Outcomes After COVID-19 in Individuals With the Sickle Cell Trait</b>	JAMA Internal Medicine	2022	<a href="#">35759254</a>



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<b>Data Resource Profile: Self-reported data in the Million Veteran Program: survey development and insights from the first 850 736 participants</b>	International Journal Epidemiol	2022	<a href="#">35748351</a>
<b>Glaucoma genetic risk scores in the Million Veteran Program</b>	Ophthalmology	2022	<a href="#">35718050</a>
<b>Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals</b>	Communications Biology	2022	<a href="#">35697829</a>
<b>Pharmacogenetic variants and risk of remdesivir-associated liver enzyme elevations in Million Veteran Program participants hospitalized with COVID-19</b>	Clinical Translational Science	2022	<a href="#">35684976</a>
<b>A multiancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation</b>	Nature Genetics	2022	<a href="#">35654975</a>
<b>A multi-population phenome-wide association study of genetically-predicted height in the Million Veteran Program</b>	PLoS Genetics	2022	<a href="#">35653334</a>
<b>Insights From a Large-Scale Whole-Genome Sequencing Study of Systolic Blood Pressure, Diastolic Blood Pressure, and Hypertension</b>	Hypertension	2022	<a href="#">35652341</a>
<b>Integration of rare expression outlier-associated variants improves polygenic risk prediction</b>	American Journal of Human Genetics	2022	<a href="#">35588732</a>
<b>Development of a polygenic risk score to improve detection of peripheral artery disease</b>	Vascular Medicine	2022	<a href="#">35287516</a>
<b>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</b>	Internal Journal of Environmental Research and Public Health	2022	<a href="#">36612580</a>
<b>Genomics and phenomics of body mass index reveals a complex disease network</b>	Nature Communications	2022	<a href="#">36581621</a>
<b>Alzheimer's disease and related dementias among aging veterans: Examining gene-by-environment interactions with post-traumatic stress disorder and traumatic brain injury</b>	Alzheimer's & Dementia	2022	<a href="#">36546606</a>
<b>Genetic architecture of heart failure with preserved versus reduced ejection fraction</b>	Nature Communications	2022	<a href="#">36517512</a>
<b>Factor structure of the posttraumatic stress disorder checklist (PCL-17) in 279,897 million veteran program participants</b>	Psychiatry Research	2022	<a href="#">36516638</a>
<b>Identification of Novel, Replicable Genetic Risk Loci for Suicidal Thoughts and Behaviors Among US Military Veterans</b>	JAMA Psychiatry	2022	<a href="#">36515925</a>
<b>PRState: Incorporating genetic ancestry in prostate cancer risk scores for men of African ancestry</b>	BMC Cancer	2022	<a href="#">36494783</a>



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<b>Novel genetic loci associated with osteoarthritis in multi-ancestry analyses in the Million Veteran Program and UK Biobank</b>	Nature Genetics	2022	<a href="#">36411363</a>
<b>Immunogenetic Determinants of Susceptibility to Head and Neck Cancer in the Million Veteran Program Cohort</b>	Cancer Research	2022	<a href="#">36378845</a>
<b>Fibromuscular Dysplasia and Abdominal Aortic Aneurysms Are Dimorphic Sex-Specific Diseases With Shared Complex Genetic Architecture</b>	Circulation: Genomic Precision Medicine	2022	<a href="#">36374587</a>
<b>Mild-to-Moderate Kidney Dysfunction and Cardiovascular Disease: Observational and Mendelian Randomization Analyses</b>	Circulation	2022	<a href="#">36314129</a>
<b>Polygenic risk of any, metastatic, and fatal prostate cancer in the Million Veteran Program</b>	Journal of the National Cancer Institute	2022	<a href="#">36305680</a>
<b>Genome-Wide Investigation of Maximum Habitual Alcohol Intake in US Veterans in Relation to Alcohol Consumption Traits and Alcohol Use Disorder</b>	JAMA Network Open	2022	<a href="#">36301540</a>
<b>Stroke genetics informs drug discovery and risk prediction across ancestries</b>	Nature	2022	<a href="#">36180795</a>
<b>Cross-ancestry meta-analysis of opioid use disorder uncovers novel loci with predominant effects in brain regions associated with addiction</b>	Nature Neuroscience	2022	<a href="#">36171425</a>
<b>Psychiatric symptoms influence social support in VA Million Veteran Program enrollees screening positive for traumatic brain injury</b>	Social Science & Medicine	2022	<a href="#">36162363</a>
<b>Penetrance and Pleiotropy of Polygenic Risk Scores for Schizophrenia, Bipolar Disorder, and Depression Among Adults in the US Veterans Affairs Health Care System</b>	JAMA Psychiatry	2022	<a href="#">36103194</a>
<b>A translational genomics approach identifies IL10RB as the top candidate gene target for COVID-19 susceptibility</b>	NPJ Genomic Medicine	2022	<a href="#">36064543</a>
<b>Visualizing novel connections and genetic similarities across diseases using a network-medicine based approach</b>	Scientific Reports	2022	<a href="#">36050444</a>
<b>Evaluation of independent self-collected blood specimens for COVID-19 antibody detection among the US veteran population</b>	Diagnostic Microbiology Infectious Disease	2022	<a href="#">35985109</a>
<b>The Interrelationship of Tinnitus and Hearing Loss Secondary to Age, Noise Exposure, and Traumatic Brain Injury</b>	Ear and Hearing	2022	<a href="#">35612496</a>



## Publications through December 2022

VA



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<b>Validation of a multi-ancestry polygenic risk score and age-specific risks of prostate cancer: A meta-analysis within diverse populations</b>	eLife	2022	<a href="#">35801699</a>
<b>African ancestry GWAS of dementia in a large military cohort identifies significant risk loci</b>	Molecular Psychiatry	2022	<a href="#">36543923</a>
<b>Genetic interactions drive heterogeneity in causal variant effect sizes for gene expression and complex traits</b>	American Journal of Human Genetics	2022	<a href="#">35716666</a>
<b>A MUC5B Gene Polymorphism, rs35705950-T, Confers Protective Effects Against COVID-19 Hospitalization but Not Severe Disease or Mortality</b>	American Journal Respiratory Critical Care Medicine	2022	<a href="#">3577153</a>
<b>Understanding the comorbidity between posttraumatic stress severity and coronary artery disease using genome-wide information and electronic health records</b>	Molecular Psychiatry	2022	<a href="#">35986173</a>
<b>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</b>	Molecular Psychiatry	2022	<a href="#">35879402</a>
<b>In with the old, in with the new: machine learning for time to event biomedical research</b>	JAMIA	2022	<a href="#">35920306</a>
<b>An examination of the association between altitude and suicide deaths, suicide attempts, and suicidal ideation among veterans at both the patient and geospatial level</b>	Journal for Psychiatric Research	2022	<a href="#">35868159</a>
<b>Identifying intragenic functional modules of genomic variations associated with cancer phenotypes by learning representation of association networks</b>	BMC Medical Genomics	2022	<a href="#">35794577</a>
<b>Phenome-Wide Association Study of UMOD Gene Variants and Differential Associations With Clinical Outcomes Across Populations in the Million Veteran Program a Multiethnic Biobank</b>	Kidney International Reports	2022	<a href="#">35967117</a>
<b>Large-scale genome-wide association study of coronary artery disease in genetically diverse populations</b>	Nature Medicine	2022	<a href="#">35915156</a>