

CURRICULUM VITAE

1. CONTACT INFORMATION:

James S. Floyd, MD, MS
Cardiovascular Health Research Unit
4333 Brooklyn Ave NE
Box 359458
Seattle WA 98195-9458

2. EDUCATION:

Duke University, BS (Chemistry), May 2000
Duke University School of Medicine, MD, May 2005
University of Washington School of Public Health, MS (Epidemiology), June 2011

3. POSTGRADUATE TRAINING:

University of Washington, Internal Medicine Residency (2005-2008)
University of Washington, T32 fellowship in Cardiovascular Epidemiology (2009-2012)

4. FACULTY POSITIONS HELD:

2012-14 Acting Instructor; University of Washington, Department of Medicine
2014-20 Assistant Professor; University of Washington, Department of Medicine
2017-20 Adjunct Assistant Professor; University of Washington, Dept of Epidemiology
2016- Affiliate Investigator, Kaiser Permanente Washington Health Research Institute
2020-24 Associate Professor; University of Washington, Department of Medicine
2020-24 Adjunct Associate Professor; University of Washington, Dept of Epidemiology
2021- Co-Director, Cardiovascular Health Research Unit, University of Washington
2024- Professor; University of Washington, Department of Medicine
2024- Adjunct Professor; University of Washington, Dept of Epidemiology

5. HOSPITAL POSITIONS HELD:

2008-2012 Franciscan Inpatient Team; Tacoma, WA
2011-2012 Group Health Consultative Internal Medicine (Hospitalist); Tacoma, WA
2012- Harborview Medical Center, Attending Physician; Seattle, WA

6. HONORS:

Graduation *summa cum laude*, Duke University, 2000
Graduation with distinction by thesis Duke University, 2000
Duke General Clinical Research Center Student Scholarship, 2003
American Heart Association Scholarship in Cardiovascular Disease and Stroke, 2003
American Stroke Association Scholarship in Cerebrovascular Disease, 2003
Duke University William J. Griffith University Service Award, 2005
University of Washington Chair of Medicine Scholars Award, 2014
NIH Loan Repayment Program Award, 2014, 2016
AHA Elizabeth Barrett-Conner Award for Young Investigators Finalist, 2015
CHARGE Consortium Golden Tiger Award, Best Poster, 2016
Ronald D. Mann Best Paper Prize, Pharmacoepidemiology and Drug Safety, 2016
University of Washington Department of Medicine 75 Emerging Leaders, 2023

7. BOARD CERTIFICATION: Internal Medicine, 2008-

8. CURRENT LICENSES: Washington

13. NATIONAL RESPONSIBILITIES:

American Heart Association (AHA) Scientific Sessions, Abstract Reviewer (2011-)
 Health Research Board (Ireland), Grant Reviewer (2013)
 AHA Epidemiology & Prevention Council (2014-17)
 AHA Publications Committee (2014-17)
 AHA Statistics Committee (2015-17)
 AHA Institute for Precision Medicine Study Section (2018)
 NIH CHS-B Study Section, ad hoc (2019)
 NIH ZRG1 CVRS-C Study Section (2020)
 TRIAD trial DSMB (NIA funded) (2020-)
 NIH ZHL1 CSR-B(M1) Study Section, HeartShare (2021)
 FDA Drug Safety & Risk Management Advisory Committee, Member (2022-)
 NIH ZHL1 CCT-Z(C1) Study Section, CARDIA Field Centers (2022)
 National Academy of Sciences, Engineering, and Medicine Committee to Review
 Adverse Events Associated with Vaccines, Member (2022-4)
 FDA Drug Safety Advisory Committee, Consultant (2014-), Member (2024-)
 NIH CCHS Study Section, ad hoc (2023), member (2024-)

15A. RESEARCH FUNDING: CURRENT SUPPORT

R01HL172495 (PIs Shah, Floyd, Odden) 1/01/25-11/30/28

NIH/NHLBI

\$2,924,808

Proteomic profiling to identify mechanisms of susceptibility and resilience to cardiac and neurocognitive dysfunction in Black Americans

This project will use proteomics and genomics to identify biologic pathways responsible for the development of cardiac dysfunction and neurocognitive impairment, and that underly the cardiac and cognitive impact of social adversity and resilience.

R01HL172803 (PIs Psaty, Floyd, Odden) 1/15/25-12/31/27

NIH/NHLBI

\$4,116,714

Infrastructure for mentored access to CHS data and specimens

This study will provide infrastructure support for the Cardiovascular Health Study, including the Coordinating Center, the Laboratory/Biorepository, seven Working Groups, and mentored access to CHS data and specimens for all investigators.

R01HL148701 (PI Floyd) 8/15/20 - 7/31/25

NIH/NHLBI

\$3,003,119

Proteomic discovery in an inception cohort of acute myocardial infarction survivors

This project will use proteomics, genomics, and Mendelian randomization to identify proteins that may be therapeutic targets for recurrent coronary heart disease and other outcomes.

R01HL142599 (PI Floyd) 9/1/18 - 7/30/25

NIH/NHLBI

\$4,858,767

Subclinical atrial fibrillation and supraventricular ectopy in the Jackson Heart Study

Evaluate the prevalence and the potential determinants and consequences of subclinical atrial fibrillation and supraventricular ectopy among African Americans.

U24HL169645 (PIs Anderson, Chan, Floyd, Kaplan) 8/15/23-7/31/30

NIH/NHLBI

\$38.7 million

Hawaiian, Asian American, and Pacific Islander (HAAPI) Coordinating Center

Advance our knowledge of the cardiovascular, metabolic, and psychological health of Asian Americans, Native Hawaiians, and Pacific Islanders and to serve as a platform for numerous additional ancillary studies that will further address the health concerns of these individuals.

R01HL144483 (MPIs Psaty/Gerszten/Tracy)

7/15/19 - 6/30/25

NIH/NHLBI

Plasma Proteomics in CHS and Population Biology

The primary goal of the project is to use proteomics to enhance our understanding of population biology and the etiology of chronic disease in older adults.

Role: Co-I

R01NS138297 (PI Kalani)

8/1/24-7/31/29

NIH/NINDS

Proteomics and Genomics to Identify Therapeutic Targets for Ischemic Stroke Prevention

Use proteomics and genomics to discover new proteins that are causal risk factors for recurrent ischemic stroke and AF-related stroke.

Role: Co-I

75N92020D00001/75N92020F00001 (PI McClelland)

1/15/99-12/18/24

NIH/NHLBI

Multi-Ethnic Study of Atherosclerosis (MESA) – Coordinating Center

MESA is a national study to identify risk factors for subclinical cardiovascular disease and to explore the transition from subclinical to overt cardiovascular disease.

Role: Co-I

K01HL168232 (PI Kim)

4/1/23-3/31/28

NIH/NHLBI

Proteomic and epigenetic alterations associated with plant-based diets and CVD

Role: Mentor

15C. RESEARCH FUNDING: COMPLETED (only listed if PI)

HHSF223201400030I (PI Platt)

6/1/18 - 9/30/23

Food and Drug Administration

\$286,232

Sentinel Operations Center Learning Phenotype Laboratory

Develop a framework to use machine learning and natural language processing techniques to improve health outcome detection algorithms.

Role: Subcontract PI, Consultant

Garfield Memorial Fund (PI Dublin)

7/1/20 - 6/30/21

Kaiser Permanente

Potential for Repurposing Currently Approved Medications to Fight COVID-19: A Proof-of-Concept Study

Conduct a rapid study of COVID-19 outcomes in relation to medication use and risk factors using electronic health records data from three Kaiser Permanente regions.

Role: Subcontract PI

ME-1609-36748 (PI Danaei)

3/1/18 - 2/28/20

PCORI

\$143,640

Causal Analyses of Nested Case-Control Studies for Comparative Effectiveness Research

Role: Subcontract PI

K08HL116640 (PI Floyd)

8/1/13 - 7/30/19

NIH/NHLBI

\$706,155

The Cardiovascular Safety of Combination Therapies for Type 2 Diabetes Mellitus

Role: PI

R21AG055604 (PI Scherrer)

4/1/17 - 3/31/19

NIH/NIA

A Big Data Research Study on the Relationship Between Metformin Use and Dementia

Role: Subcontract PI

16A. BIBLIOGRAPHY: Research and Other Refereed Publications

- 1) **Floyd JS**, Haralampus-Grynaviski N, Ye T, Zheng B, Simon JD, Edington MD. Time-resolved spectroscopic studies of radiationless decay processes in photoexcited hemocyanins. *Journal of Physical Chemistry B*. 2001;105:1478-1483.
- 2) McGirt MJ, Nimjee SM, **Floyd J**, Bulsara KR, George TM. Correlation of cerebrospinal fluid flow dynamics and headache in Chiari I malformation. *Neurosurgery*. 2005;56:716-21.
- 3) Lynch JR, Wang H, McGirt MJ, **Floyd J**, Friedman AH, Coon AL, Blessing R, Alexander MJ, Graffagnino C, Warner DS, Laskowitz DT. Simvastatin reduces vasospasm after aneurysmal SAH: results of a pilot randomized clinical trial. *Stroke*. 2005;36:2024-2026.
- 4) **Floyd JS**, Maynard C, Weston P, Johanson P, Jennings RB, Wagner GS. Effects of ischemic preconditioning and arterial collateral flow on ST-segment elevation and QRS complex prolongation in a canine model of acute coronary occlusion. *Journal of Electrocardiology*. 2009;42:19-26.
- 5) **Floyd JS**, Barbehenn E, Lurie P, Wolfe SM. Case series of liver failure associated with rosiglitazone and pioglitazone. *Pharmacoepidemiology and Drug Safety*. 2009;18:1238-43. PMID: 19623674
- 6) **Floyd JS**, Serebruany VL. Prasugrel as a potential cancer promoter: review of the unpublished data. *Archives of Internal Medicine*. 2010;170:1078-1080. PMID: 2058507 [Review Article]
- 7) Jensen PN, Johnson K, **Floyd J**, Heckbert SR, Carnahan R, and Dublin S. A systematic review of validated methods for identifying atrial fibrillation using administrative data. *Pharmacoepidemiology and Drug Safety*. 2012;21(S1):141-147. PMID: 22262600
- 8) **Floyd JS**, Kaspera R, Marcianti KD, Weiss NS, Heckbert SR, Lumley T, Wiggins KL, Tamraz B, Kwok PY, Totah RA, Psaty BM. A screening case-control study of drug-drug interactions in statin users: a new adverse effect of clopidogrel. *Clinical Pharmacology & Therapeutics*. 2012;91:896-904. PMID: 22419147
- 9) **Floyd JS**, Heckbert SR, Weiss NS, Carrell DS, Psaty BM. Use of administrative data to estimate the incidence of statin-related rhabdomyolysis. *JAMA*. 2012;307:1580-1582. PMID: 22511681
- 10) Wheeler S, Moore K, Forsberg CW, Riley K, **Floyd JS**, Smith NL, Boyko EJ. Mortality among veterans with type 2 diabetes initiating metformin, sulfonylurea, or rosiglitazone monotherapy. *Diabetologia*. 2013;56:1934-1943. PMID: 23797633
- 11) Tamraz B, Fukushima H, Wolfe AR, Kaspera R, Totah RA, **Floyd JS**, Ma B, Chu C, Marcianti KD, Heckbert SR, Psaty BM, Kroetz DL, Kwok P-Y. OATP1B1-related drug-drug and drug-gene interactions as potential risk factors for cerivastatin-induced rhabdomyolysis. *Pharmacogenetics and Genomics*. 2013;23:355-364. PMID: 23652407
- 12) Smith NL, Blondon M, Wiggins, KL, Harrington, LB, van Hylckama Vlieg A, **Floyd JS**, Hwang M, Bis JC, McKnight B, Rice KM, Lumley T, Rosendaal FR, Heckbert SR, Psaty BM. Lower risk of cardiovascular events in postmenopausal women taking oral estradiol compared with oral conjugated equine estrogens. *JAMA Internal Medicine*. 2014;135:35-31. PMID: 24081194

- 13) **Floyd JS**, Bis JC, Brody JA, Heckbert SR, Rice K, Psaty BM. *GATM* locus does not replicate in rhabdomyolysis study. *Nature*. 2014;513:E1-3. PMID: 25230668
- 14) **Floyd JS**, Psaty BM. The potential risks of expedited drug approvals for acute bacterial infections. *JAMA Internal Medicine*. 2014;174:1436-7. PMID: 25023994 [Viewpoint]
- 15) **Floyd JS**, Sitlani CM, Wiggins KL, Wallace E, Suchy-Dicey A, Abbasi SA, Carnethon MR, Siscovick DS, Sotoodehnia N, Heckbert SR, McKnight B, Rice K, Psaty BM. Variation in resting heart rate over 4 years and the risks of myocardial infarction and death among older adults. *Heart*. 2015;101:132-8. PMID: 25214500
- 16) **Floyd JS**, Wiggins KL, Sitlani CM, Flory JH, Dublin S, Smith NL, Heckbert SR, Psaty BM. Case-control study of second-line therapies for type 2 diabetes in combination with metformin and the comparative risks of myocardial infarction and stroke. *Diabetes, Obesity and Metabolism*. 2015;17:1194-97. PMID: 26179389
- 17) **Floyd JS**, Wiggins KL, Christiansen M, Dublin S, Longstreth, Smith NL, McKnight B, Heckbert SR, Weiss NS, Psaty BM. Case-control study of oral glucose-lowering drugs in combination with long-acting insulin and the risks of incident myocardial infarction and incident stroke. *Pharmacoepidemiology and Drug Safety*. 2016;25:151-60. PMID: 26547662
- 18) **Floyd JS**, Blondon M, Moore KP, Boyko EJ, Smith NL. Validation of methods for assessing cardiovascular disease using electronic health data in a cohort of Veterans with diabetes. *Pharmacoepidemiology and Drug Safety*. 2016;25:467-71. PMID: 26555025
- 19) **Floyd JS**, Brody JA, Tiniakou E, Psaty BM, Mammen A. Absence of anti-HMG-CoA reductase autoantibodies in severe self-limited statin-related myopathy. *Muscle and Nerve*. 2016;54:142-4. PMID: 27038110
- 20) Smith NL, Harrington LB, Blondon M, Wiggins KL, **Floyd JS**, Sitlani CM, McKnight B, Larson EB, Rosendaal FR, Heckbert SR, Psaty BM. The Association of Statin Therapy with the Risk of Recurrent Venous Thrombosis. *J Thromb Haemost*, 2016;14:1384-92. PMID: 27061794
- 21) Chami N, Chen MH, Slater AJ, Eicher JD, Evangelou E, Tajuddin SM, Love-Gregory L, Kacprowski T, Schick UM, Nomura A, Giri A, Lessard S, Brody JA, Schurmann C, Pankratz N, Yanek LR, Manichaikul A, Pazoki R, Mihailov E, Hill WD, Raffield LM, Burt A, Bartz TM, Becker DM, Becker LC, Boerwinkle E, Bork-Jensen J, Bottinger EP, O'Donoghue ML, Crosslin DR, de Denus S, Dube MP, Elliott P, Engstrom G, Evans MK, **Floyd JS**, Fornage M, Gao H, Greinacher A, Gudnason V, Hansen T, Harris TB, Hayward C, Hernesniemi J, Highland HM, Hirschhorn JN, Hofman A, Irvin MR, Kahonen M, Lange E, Launer LJ, Lehtimäki T, Li J, Liewald DC, Linneberg A, Liu Y, Lu Y, Lyytikäinen LP, Magi R, Mathias RA, Melander O, Metspalu A, Mononen N, Nalls MA, Nickerson DA, Nikus K, O'Donnell CJ, Orho-Melander M, Pedersen O, Petersmann A, Polfus L, Psaty BM, Raitakari OT, Raitoharju E, Richard M, Rice KM, Rivadeneira F, Rotter JI, Schmidt F, Smith AV, Starr JM, Taylor KD, Teumer A, Thuesen BH, Torstenson ES, Tracy RP, Tzoulaki I, Zaki NA, Vacchi-Suzzi C, van Duijn CM, van Rooij FJ, Cushman M, Deary IJ, Velez Edwards DR, Vergnaud AC, Wallentin L, Waterworth DM, White HD, Wilson JG, Zonderman AB, Kathiresan S, Grarup N, Esko T, Loos RJ, Lange LA, Faraday N, Abumrad NA, Edwards TL, Ganesh SK, Auer PL, Johnson AD, Reiner AP, Lettre G. Exome Genotyping Identifies Pleiotropic Variants Associated with Red Blood Cell Traits. *American Journal of Human Genetics*. 2016;99:8-21. PMID: 27346685

- 22) Eicher JD, Chami N, Kacprowski T, Nomura A, Chen MH, Yanek LR, Tajuddin SM, Schick UM, Slater AJ, Pankratz N, Polfus L, Schurmann C, Giri A, Brody JA, Lange LA, Manichaikul A, Hill WD, Pazoki R, Elliot P, Evangelou E, Tzoulaki I, Gao H, Vergnaud AC, Mathias RA, Becker DM, Becker LC, Burt A, Crosslin DR, Lyytikäinen LP, Nikus K, Hernesniemi J, Kahonen M, Raitoharju E, Mononen N, Raitakari OT, Lehtimäki T, Cushman M, Zakai NA, Nickerson DA, Raffield LM, Quarells R, Willer CJ, Peloso GM, Abecasis GR, Liu DJ, Global Lipids Genetics C, Deloukas P, Samani NJ, Schunkert H, Erdmann J, Consortium CAE, Myocardial Infarction Genetics C, Fornage M, Richard M, Tardif JC, Rioux JD, Dube MP, de Denus S, Lu Y, Bottinger EP, Loos RJ, Smith AV, Harris TB, Launer LJ, Gudnason V, Velez Edwards DR, Torstenson ES, Liu Y, Tracy RP, Rotter JI, Rich SS, Highland HM, Boerwinkle E, Li J, Lange E, Wilson JG, Mihailov E, Magi R, Hirschhorn J, Metspalu A, Esko T, Vacchi-Suzzi C, Nalls MA, Zonderman AB, Evans MK, Engstrom G, Orho-Melander M, Melander O, O'Donoghue ML, Waterworth DM, Wallentin L, White HD, **Floyd JS**, Bartz TM, Rice KM, Psaty BM, Starr JM, Liewald DC, Hayward C, Deary IJ, Greinacher A, Volker U, Thiele T, Volzke H, van Rooij FJ, Uitterlinden AG, Franco OH, Dehghan A, Edwards TL, Ganesh SK, Kathiresan S, Faraday N, Auer PL, Reiner AP, Lettre G, Johnson AD. Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. *American Journal of Human Genetics*. 2016;99:40-55. PMID: 27346686
- 23) Tajuddin SM, Schick UM, Eicher JD, Chami N, Giri A, Brody JA, Hill WD, Kacprowski T, Li J, Lyytikäinen LP, Manichaikul A, Mihailov E, O'Donoghue ML, Pankratz N, Pazoki R, Polfus LM, Smith AV, Schurmann C, Vacchi-Suzzi C, Waterworth DM, Evangelou E, Yanek LR, Burt A, Chen MH, van Rooij FJ, **Floyd JS**, Greinacher A, Harris TB, Highland HM, Lange LA, Liu Y, Magi R, Nalls MA, Mathias RA, Nickerson DA, Nikus K, Starr JM, Tardif JC, Tzoulaki I, Velez Edwards DR, Wallentin L, Bartz TM, Becker LC, Denny JC, Raffield LM, Rioux JD, Friedrich N, Fornage M, Gao H, Hirschhorn JN, Liewald DC, Rich SS, Uitterlinden A, Bastarache L, Becker DM, Boerwinkle E, de Denus S, Bottinger EP, Hayward C, Hofman A, Homuth G, Lange E, Launer LJ, Lehtimäki T, Lu Y, Metspalu A, O'Donnell CJ, Quarells RC, Richard M, Torstenson ES, Taylor KD, Vergnaud AC, Zonderman AB, Crosslin DR, Deary IJ, Dorr M, Elliott P, Evans MK, Gudnason V, Kahonen M, Psaty BM, Rotter JI, Slater AJ, Dehghan A, White HD, Ganesh SK, Loos RJ, Esko T, Faraday N, Wilson JG, Cushman M, Johnson AD, Edwards TL, Zakai NA, Lettre G, Reiner AP, Auer PL. Large-Scale Exome-wide Association Analysis Identifies Loci for White Blood Cell Traits and Pleiotropy with Immune-Mediated Diseases. *American Journal of Human Genetics*. 2016;99:22-39. PMID: 27346689
- 24) CHARGE Consortium Hematology Working Group (**Floyd JS** author 39/81). Meta-analysis of rare and common exome chip variants identifies S1PR4 and other loci influencing blood cell traits. *Nature Genetics*. 2016;48:867-76. PMID: 27399967
- 25) Polfus LM, Khajuria RK, Schick UM, Pankratz N, Pazoki R, Brody JA, Chen MH, Auer PL, **Floyd JS**, Huang J, Lange L, van Rooij FJ, Gibbs RA, Metcalf G, Muzny D, Veeraghavan N, Walter K, Chen L, Yanek L, Becker LC, Peloso GM, Wakabayashi A, Kals M, Metspalu A, Esko T, Fox K, Wallace R, Franceschini N, Matijevic N, Rice KM, Bartz TM, Lyytikäinen LP, Kähönen M, Lehtimäki T, Raitakari OT, Li-Gao R, Mook-Kanamori DO, Lettre G, van Duijn CM, Franco OH, Rich SS, Rivadeneira F, Hofman A, Uitterlinden AG, Wilson JG, Psaty BM, Soranzo N, Dehghan A, Boerwinkle E, Zhang X, Johnson AD, O'Donnell CJ, Johnsen JM, Reiner AP, Ganesh SK, Sankaran VG. Whole-Exome Sequencing Identifies Loci Associated with Blood Cell Traits and Reveals a Role for Alternative GFI1B Splice Variants in Human Hematopoiesis. *American Journal of Human Genetics*. 2016;99:481-8. PMID: 27486782

- 26) **Floyd JS**, Wellman R, Fuller S, Bansal N, Psaty BM, de Boer IH, Scholes D. Use of electronic health data to estimate heart failure events in a population-based cohort with CKD. *Clinical Journal of the American Society of Nephrology*. 2016;11:1954-1961. PMID: 27507770
- 27) Nelson JC, Wellman R, Yu O, Cook AJ, Ouellet-Hellstrom R, Boudreau D, **Floyd JS**, Heckbert S, Pinheiro S, Reichman M, Shoaibi A. A Synthesis of Current Surveillance Planning Methods for the Sequential Monitoring of Drug and Vaccine Adverse Effects Using Electronic Health Care Data. *EGEMS (Wash DC)*. 2016;4:1219. PMID: 27713904
- 28) **Floyd JS**, Psaty BM. The Application of Genomics in Diabetes: Barriers to discovery and implementation. *Diabetes Care*. 2016;39:1858-1869. PMID: 27926887 [Review Article]
- 29) Flory JH, Ukena JK, **Floyd JS**. Novel Anti-glycemic Drugs and Reduction of Cardiovascular Risk in Diabetes: Expectations Realized, Promises Unmet. *Curr Atheroscler Rep*. 2016;18:79. PMID: 27817160 [Review Article]
- 30) Benjamin EJ, Blaha MJ, Chiuve SE, Cushman M, Das SR, Deo R, de Ferranti SD, **Floyd J**, Fornage M, Gillespie C, Isasi CR, Jimenez MC, Jordan LC, Judd SE, Lackland D, Lichtman JH, Lisabeth L, Liu S, Longenecker CT, Mackey RH, Matsushita K, Mozaffarian D, Mussolino ME, Nasir K, Neumar RW, Palaniappan L, Pandey DK, Thiagarajan RR, Reeves MJ, Ritchey M, Rodriguez CJ, Roth GA, Rosamond WD, Sasson C, Towfighi A, Tsao CW, Turner MB, Virani SS, Voeks JH, Willey JZ, Wilkins JT, Wu JH, Alger HM, Wong SS, Muntner P, American Heart Association Statistics C, Stroke Statistics S. Heart Disease and Stroke Statistics-2017 Update: A Report From the American Heart Association. *Circulation*. 2017;135(10):e146-e603. PMID: 28122885
- 31) **Floyd JS**, Sitlani CM, Avery CL, Noordam R, Li X, Smith AV, Gogarten SM, Li J, Broer L, Evans DS, Trompet S, Brody JA, Stewart JD, Eicher JD, Seyerle AA, Roach J, Lange LA, Lin HJ, Kors JA, Harris TB, Li-Gao R, Sattar N, Cummings SR, Wiggins KL, Napier MD, Stürmer T, Bis JC, Kerr KF, Uitterlinden AG, Taylor KD, Stott DJ, de Mutsert R, Launer LJ, Busch EL, Méndez-Giráldez R, Sotoodehnia N, Soliman EZ, Li Y, Duan Q, Rosendaal FR, Slagboom PE, Wilhelmsen KC, Reiner AP, Chen YD, Heckbert SR, Kaplan RC, Rice KM, Jukema JW, Johnson AD, Liu Y, Mook-Kanamori DO, Gudnason V, Wilson JG, Rotter JI, Laurie CC, Psaty BM, Whitsel EA, Cupples LA, Stricker BH. Large-scale pharmacogenomic study of sulfonylureas and the QT, JT, and QRS intervals: CHARGE Pharmacogenomics Working Group. *Pharmacogenomics Journal*. 2018;18:127-135. PMID: 27958378
- 32) van Rooij FJ, Qayyum R, Smith AV, Zhou Y, Trompet S, Tanaka T, Keller MF, Chang LC, Schmidt H, Yang ML, Chen MH, Hayes J, Johnson AD, Yanek LR, Mueller C, Lange L, **Floyd JS**, Ghanbari M, Zonderman AB, Jukema JW, Hofman A, van Duijn CM, Desch KC, Saba Y, Ozel AB, Snively BM, Wu JY, Schmidt R, Fornage M, Klein RJ, Fox CS, Matsuda K, Kamatani N, Wild PS, Stott DJ, Ford I, Slagboom PE, Yang J, Chu AY, Lambert AJ, Uitterlinden AG, Franco OH, Hofer E, Ginsburg D, Hu B, Keating B, Schick UM, Brody JA, Li JZ, Chen Z, Zeller T, Guralnik JM, Chasman DI, Peters LL, Kubo M, Becker DM, Li J, Eiriksdottir G, Rotter JI, Levy D, Grossmann V, Patel KV, Chen CH; BioBank Japan Project., Ridker PM, Tang H, Launer LJ, Rice KM, Li-Gao R, Ferrucci L, Evans MK, Choudhuri A, Trompouki E, Abraham BJ, Yang S, Takahashi A, Kamatani Y, Kooperberg C, Harris TB, Jee SH, Coresh J, Tsai FJ, Longo DL, Chen YT, Felix JF, Yang Q, Psaty BM, Boerwinkle E, Becker LC, Mook-Kanamori DO, Wilson JG, Gudnason V, O'Donnell CJ, Dehghan A, Cupples LA, Nalls MA, Morris AP, Okada Y, Reiner AP, Zon LI, Ganesh SK. Genome-wide Trans-ethnic Meta-analysis Identifies Seven Genetic Loci Influencing Erythrocyte Traits and a Role for RBPMS in Erythropoiesis. *American Journal of Human Genetics*. 2017;100:51-63. PMID: 28017375

- 33) Noordam R, Sitlani CM, Avery CL, Stewart JD, Gogarten SM, Wiggins KL, Trompet S, Warren HR, Sun F, Evans DS, Li X, Li J, Smith AV, Bis JC, Brody JA, Busch EL, Caulfield MJ, Chen YI, Cummings SR, Cupples LA, Duan Q, Franco OH, Méndez-Giráldez R, Harris TB, Heckbert SR, van Heemst D, Hofman A, **Floyd JS**, Kors JA, Launer LJ, Li Y, Li-Gao R, Lange LA, Lin HJ, de Mutsert R, Napier MD, Newton-Cheh C, Poulter N, Reiner AP, Rice KM, Roach J, Rodriguez CJ, Rosendaal FR, Sattar N, Sever P, Seyerle AA, Slagboom PE, Soliman EZ, Sotoodehnia N, Stott DJ, Stürmer T, Taylor KD, Thornton TA, Uitterlinden AG, Wilhelmsen KC, Wilson JG, Gudnason V, Jukema JW, Laurie CC, Liu Y, Mook-Kanamori DO, Munroe PB, Rotter JI, Vasan RS, Psaty BM, Stricker BH, Whitsel EA. A genome-wide interaction analysis of tricyclic/tetracyclic antidepressants and RR and QT intervals: a pharmacogenomics study from the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium. *Journal of Medical Genetics*. 2017;54:313-323. PMID: 28039329
- 34) Seyerle AA, Sitlani CM, Noordam R, Gogarten SM, Li J, Li X, Evans DS, Sun F, Laaksonen MA, Isaacs A, Kristiansson K, Highland HM, Stewart JD, Harris TB, Trompet S, Bis JC, Peloso GM, Brody JA, Broer L, Busch EL, Duan Q, Stilp AM, O'Donnell CJ, Macfarlane PW, **Floyd JS**, Kors JA, Lin HJ, Li-Gao R, Sofer T, Méndez-Giráldez R, Cummings SR, Heckbert SR, Hofman A, Ford I, Li Y, Launer LJ, Porthan K, Newton-Cheh C, Napier MD, Kerr KF, Reiner AP, Rice KM, Roach J, Buckley BM, Soliman EZ, de Mutsert R, Sotoodehnia N, Uitterlinden AG, North KE, Lee CR, Gudnason V, Stürmer T, Rosendaal FR, Taylor KD, Wiggins KL, Wilson JG, Chen YD, Kaplan RC, Wilhelmsen K, Cupples LA, Salomaa V, van Duijn C, Jukema JW, Liu Y, Mook-Kanamori DO, Lange LA, Vasan RS, Smith AV, Stricker BH, Laurie CC, Rotter JI, Whitsel EA, Psaty BM, Avery CL. Pharmacogenomics study of thiazide diuretics and QT interval in multi-ethnic populations: the cohorts for heart and aging research in genomic epidemiology. *Pharmacogenomics J*. 2018;18:215-225. PMID: 28719597
- 35) Leung LY, Bartz TM, Rice K, **Floyd J**, Psaty B, Gutierrez J, Longstreth WT, Jr., Mukamal KJ. Blood Pressure and Heart Rate Measures Associated With Increased Risk of Covert Brain Infarction and Worsening Leukoaraiosis in Older Adults. *Arterioscler Thromb Vasc Biol*. 2017;37:1579-86. PMID: 28663254
- 36) Marcum ZA, Forsberg CW, Moore KP, de Boer IH, Smith NL, Boyko EJ, **Floyd JS**. Mortality Associated with Metformin Versus Sulfonylurea Initiation: A Cohort Study of Veterans with Diabetes and Chronic Kidney Disease. *J Gen Intern Med*. 2018;33:155-165. PMID: 29181788
- 37) Irvin MR, Sitlani CM, Noordam R, Avery CL, Bis JC, **Floyd JS**, Li J, Limdi NA, Srinivasasainagendra V, Stewart J, de Mutsert R, Mook-Kanamori DO, Lipovich L, Kleinbrink EL, Smith A, Bartz TM, Whitsel EA, Uitterlinden AG, Wiggins KL, Wilson JG, Zhi D, Stricker BH, Rotter JI, Arnett DK, Psaty BM, Lange LA. Genome-wide meta-analysis of SNP-by-ACEI/ARB and SNP-by-thiazide diuretic and effect on serum potassium in cohorts of European and African ancestry. *Pharmacogenomics J*. 2019;19:97-108. PMID: 29855607
- 38) Jo Hodosky C, Schurmann C, Schick UM, Kocarnik J, Tao R, van Rooij FJ, Wassel C, Buyske S, Fornage M, Hindorf LA, **Floyd JS**, Ganesh SK, Lin DY, North KE, Reiner AP, Loos RJ, Kooperberg C, Avery CL. Generalization and fine mapping of red blood cell trait genetic associations to multi-ethnic populations: The PAGE Study. *Am J Hematol*. 2018. Epub 2018/06/16. PMID: 29905378.
- 39) Chubak J, Yu O, Ziebell RA, Bowles EJA, Sterrett AT, Fujii MM, Boggs JM, Burnett-Hartman AN, Boudreau DM, Chen L, **Floyd JS**, Ritzwoller DP, Hubbard RA. Risk of colon cancer recurrence in relation to diabetes. *Cancer Causes Control*. 2018;29(11):1093-103. PMID: 30244297

- 40) Heckbert SR, Austin TR, Jensen PN, **Floyd JS**, Psaty BM, Soliman EZ, Kronmal RA. Yield and consistency of arrhythmia detection with patch electrocardiographic monitoring: The Multi-Ethnic Study of Atherosclerosis. *J Electrocardiol.* 2018;51(6):997-1002. PMID: 30497763
- 41) Bentley AR, Sung YJ, Brown MR, Winkler TW, Kraja AT, Ntalla I, Schwander K, Chasman DI, Lim E, Deng X, Guo X, Liu J, Lu Y, Cheng CY, Sim X, Vojinovic D, Huffman JE, Musani SK, Li C, Feitosa MF, Richard MA, Noordam R, Baker J, Chen G, Aschard H, Bartz TM, Ding J, Dorajoo R, Manning AK, Rankinen T, Smith AV, Tajuddin SM, Zhao W, Graff M, Alver M, Boissel M, Chai JF, Chen X, Divers J, Evangelou E, Gao C, Goel A, Hagemeijer Y, Harris SE, Hartwig FP, He M, Horimoto A, Hsu FC, Hung YJ, Jackson AU, Kasturiratne A, Komulainen P, Kuhnel B, Leander K, Lin KH, Luan J, Lyytikainen LP, Matoba N, Nolte IM, Pietzner M, Prins B, Riaz M, Robino A, Said MA, Schupf N, Scott RA, Sofer T, Stancakova A, Takeuchi F, Tayo BO, van der Most PJ, Varga TV, Wang TD, Wang Y, Ware EB, Wen W, Xiang YB, Yanek LR, Zhang W, Zhao JH, Adeyemo A, Afaq S, Amin N, Amini M, Arking DE, Arzumanyan Z, Aung T, Ballantyne C, Barr RG, Bielak LF, Boerwinkle E, Bottinger EP, Broeckel U, Brown M, Cade BE, Campbell A, Canouil M, Charumathi S, Chen YI, Christensen K, Consortium CO-K, Concas MP, Connell JM, de Las Fuentes L, de Silva HJ, de Vries PS, Dumathey A, Duan Q, Eaton CB, Eppinga RN, Faul JD, **Floyd JS**, Forouhi NG, Forrester T, Friedlander Y, Gandin I, Gao H, Ghanbari M, Gharib SA, Gigante B, Giulianini F, Grabe HJ, Gu CC, Harris TB, Heikkinen S, Heng CK, Hirata M, Hixson JE, Ikram MA, Consortium EP-I, Jia Y, Joehanes R, Johnson C, Jonas JB, Justice AE, Katsuya T, Khor CC, Kilpelainen TO, Koh WP, Kolcic I, Kooperberg C, Krieger JE, Kritchevsky SB, Kubo M, Kuusisto J, Lakka TA, Langefeld CD, Langenberg C, Launer LJ, Lehne B, Lewis CE, Li Y, Liang J, Lin S, Liu CT, Liu J, Liu K, Loh M, Lohman KK, Louie T, Luzzi A, Magi R, Mahajan A, Manichaikul AW, McKenzie CA, Meitinger T, Metspalu A, Milaneschi Y, Milani L, Mohlke KL, Momozawa Y, Morris AP, Murray AD, Nalls MA, Nauck M, Nelson CP, North KE, O'Connell JR, Palmer ND, Papanicolaou GJ, Pedersen NL, Peters A, Peyser PA, Polasek O, Poulter N, Raitakari OT, Reiner AP, Renstrom F, Rice TK, Rich SS, Robinson JG, Rose LM, Rosendaal FR, Rudan I, Schmidt CO, Schreiner PJ, Scott WR, Sever P, Shi Y, Sidney S, Sims M, Smith JA, Snieder H, Starr JM, Strauch K, Stringham HM, Tan NYQ, Tang H, Taylor KD, Teo YY, Tham YC, Tiemeier H, Turner ST, Uitterlinden AG, Understanding Society Scientific G, van Heemst D, Waldenberger M, Wang H, Wang L, Wang L, Wei WB, Williams CA, Wilson G, Sr., Wojczynski MK, Yao J, Young K, Yu C, Yuan JM, Zhou J, Zonderman AB, Becker DM, Boehnke M, Bowden DW, Chambers JC, Cooper RS, de Faire U, Deary IJ, Elliott P, Esko T, Farrall M, Franks PW, Freedman BI, Froguel P, Gasparini P, Gieger C, Horta BL, Juang JJ, Kamatani Y, Kammerer CM, Kato N, Kooner JS, Laakso M, Laurie CC, Lee IT, Lehtimäki T, Lifelines C, Magnusson PKE, Oldehinkel AJ, Penninx B, Pereira AC, Rauramaa R, Redline S, Samani NJ, Scott J, Shu XO, van der Harst P, Wagenknecht LE, Wang JS, Wang YX, Wareham NJ, Watkins H, Weir DR, Wickremasinghe AR, Wu T, Zeggini E, Zheng W, Bouchard C, Evans MK, Gudnason V, Kardia SLR, Liu Y, Psaty BM, Ridker PM, van Dam RM, Mook-Kanamori DO, Fornage M, Province MA, Kelly TN, Fox ER, Hayward C, van Duijn CM, Tai ES, Wong TY, Loos RJF, Franceschini N, Rotter JI, Zhu X, Bierut LJ, Gauderman WJ, Rice K, Munroe PB, Morrison AC, Rao DC, Rotimi CN, Cupples LA. Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. *Nat Genet.* 2019;51(4):636-48. PMID: 30926973
- 42) Flannick J, Mercader JM, Fuchsberger C, Udler MS, Mahajan A, Wessel J, Teslovich TM, Caulkins L, Koesterer R, Barajas-Olmos F, Blackwell TW, Boerwinkle E, Brody JA, Centeno-Cruz F, Chen L, Chen S, Contreras-Cubas C, Cordova E, Correa A, Cortes M, DeFronzo RA, Dolan L, Drews KL, Elliott A, **Floyd JS**, Gabriel S, Garay-Sevilla ME, Garcia-Ortiz H, Gross M, Han S, Heard-Costa NL, Jackson AU, Jorgensen ME, Kang HM, Kelsey M, Kim BJ, Koistinen HA, Kuusisto J, Leader JB, Linneberg A, Liu CT, Liu J, Lyssenko V, Manning AK, Marcketta A,

Malacara-Hernandez JM, Martinez-Hernandez A, Matsuo K, Mayer-Davis E, Mendoza-Caamal E, Mohlke KL, Morrison AC, Ndungu A, Ng MCY, O'Dushlaine C, Payne AJ, Pihoker C, Broad Genomics P, Post WS, Preuss M, Psaty BM, Vasan RS, Rayner NW, Reiner AP, Revilla-Monsalve C, Robertson NR, Santoro N, Schurmann C, So WY, Soberon X, Stringham HM, Strom TM, Tam CHT, Thameem F, Tomlinson B, Torres JM, Tracy RP, van Dam RM, Vujkovic M, Wang S, Welch RP, Witte DR, Wong TY, Atzmon G, Barzilai N, Blangero J, Bonnycastle LL, Bowden DW, Chambers JC, Chan E, Cheng CY, Cho YS, Collins FS, de Vries PS, Duggirala R, Glaser B, Gonzalez C, Gonzalez ME, Groop L, Kooner JS, Kwak SH, Laakso M, Lehman DM, Nilsson P, Spector TD, Tai ES, Tuomi T, Tuomilehto J, Wilson JG, Aguilar-Salinas CA, Bottinger E, Burke B, Carey DJ, Chan JCN, Dupuis J, Frossard P, Heckbert SR, Hwang MY, Kim YJ, Kirchner HL, Lee JY, Lee J, Loos RJJ, Ma RCW, Morris AD, O'Donnell CJ, Palmer CNA, Pankow J, Park KS, Rasheed A, Saleheen D, Sim X, Small KS, Teo YY, Haiman C, Hanis CL, Henderson BE, Orozco L, Tusie-Luna T, Dewey FE, Baras A, Gieger C, Meitinger T, Strauch K, Lange L, Grarup N, Hansen T, Pedersen O, Zeitler P, Dabelea D, Abecasis G, Bell GI, Cox NJ, Seielstad M, Sladek R, Meigs JB, Rich SS, Rotter JI, Discov EHRC, Charge, LuCamp, ProDiGy, GoT2D, Esp, Sigma TD, T2D G, Amp T2D G, Altshuler D, Burt NP, Scott LJ, Morris AP, Florez JC, McCarthy MI, Boehnke M. Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. *Nature*. 2019;570(7759):71-6. PMID: 31118516.

- 43) Carr DF, Francis B, Jorgensen AL, Zhang E, Chinoy H, Heckbert SR, Bis JC, Brody JA, **Floyd JS**, Psaty BM, Molokhia M, Lapeyre-Mestre M, Conforti A, Alfirevic A, van Staa T, Pirmohamed M. Genome-wide association study of statin-induced myopathy in patients recruited using the UK clinical practice research datalink. *Clin Pharmacol Ther*. 2019;106(6):1353-61. PMID: 31220337.
- 44) ***Floyd JS**, Bloch KM, Brody JA, Maroteau C, Siddiqui MK, Gregory R, Carr DF, Molokhia M, Liu X, Bis JC, Ahmed A, Liu X, Hallberg P, Yue QY, Magnusson PKE, Brisson D, Wiggins KL, Morrison AC, Khoury E, McKeigue P, Stricker BH, Lapeyre-Mestre M, Heckbert SR, Gallagher AM, Chinoy H, Gibbs RA, Bondon-Guitton E, Tracy R, Boerwinkle E, Gaudet D, Conforti A, van Staa T, Sitlani CM, Rice KM, Maitland-van der Zee AH, Wadelius M, Morris AP, Pirmohamed M, Palmer CAN, Psaty BM, Alfirevic A, Consortium P-A, Eudragene. Pharmacogenomics of statin-related myopathy: Meta-analysis of rare variants from whole-exome sequencing. *PLoS One*. 2019;14(6):e0218115. PMID: 31242253
- 45) Scherrer JF, Morley JE, Salas J, **Floyd JS**, Farr SA, Dublin S. Association Between Metformin Initiation and Incident Dementia Among African American and White Veterans Health Administration Patients. *Ann Fam Med*. 2019;17(4):352-62. PMID: 31285213
- 46) Scherrer JF, Salas J, **Floyd JS**, Farr SA, Morley JE, Dublin S. Metformin and Sulfonylurea Use and Risk of Incident Dementia. *Mayo Clin Proc*. 2019;94(8):1444-56. PMID: 31378227.
- 47) Lamprea-Montealegre JA, Zelnick LR, Shlipak MG, **Floyd JS**, Anderson AH, He J, Christenson R, Seliger SL, Soliman EZ, Deo R, Ky B, Feldman HI, Kusek JW, deFilippi CR, Wolf MS, Shafi T, Go AS, Bansal N, Investigators CS. Cardiac Biomarkers and Risk of Atrial Fibrillation in Chronic Kidney Disease: The CRIC Study. *J Am Heart Assoc*. 2019;8(15):e012200. PMID: 31379242.
- 48) Lee H, Park JH, **Floyd JS**, Park S, Kim HC. Combined Effect of Income and Medication Adherence on Mortality in Newly Treated Hypertension: Nationwide Study of 16 Million Person-Years. *J Am Heart Assoc*. 2019;8(16):e013148. PMID: 31422733.

- 49) Agha G, Mendelson MM, Ward-Caviness CK, Joehanes R, Huan T, Gondalia R, Salfati E, Brody JA, Fiorito G, Bressler J, Chen BH, Lighthart S, Guarrera S, Colicino E, Just AC, Wahl S, Gieger C, Vandiver AR, Tanaka T, Hernandez DG, Pilling LC, Singleton AB, Sacerdote C, Krogh V, Panico S, Tumino R, Li Y, Zhang G, Stewart JD, **Floyd JS**, Wiggins KL, Rotter JI, Multhaup M, Bakulski K, Horvath S, Tsao PS, Absher DM, Vokonas P, Hirschhorn J, Fallin MD, Liu C, Bandinelli S, Boerwinkle E, Dehghan A, Schwartz JD, Psaty BM, Feinberg AP, Hou L, Ferrucci L, Sotoodehnia N, Matullo G, Peters A, Fornage M, Assimes TL, Whitset EA, Levy D, Baccarelli AA. Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. *Circulation*. 2019;140(8):645-57. PMID: 31424985
- 50) Irvin MR, Sitlani CM, **Floyd JS**, Psaty BM, Bis JC, Wiggins KL, Whitset EA, Sturmer T, Stewart J, Raffield L, Sun F, Liu CT, Xu H, Cupples AL, Tanner RM, Rossing P, Smith A, Zilhao NR, Launer LJ, Noordam R, Rotter JI, Yao J, Li X, Guo X, Limdi N, Sundaresan A, Lange L, Correa A, Stott DJ, Ford I, Jukema JW, Gudnason V, Mook-Kanamori DO, Trompet S, Palmas W, Warren HR, Hellwege JN, Giri A, O'Donnell C, Hung AM, Edwards TL, Ahluwalia TS, Arnett DK, Avery CL, Program VAMV, the CPWg. Genome wide association study of apparent treatment resistant hypertension in the CHARGE consortium: The CHARGE Pharmacogenetics Working Group. *Am J Hypertens*. 2019;32(12):1146-53. PMID: 31545351.
- 51) de Las Fuentes L, Sung YJ, Sitlani CM, Avery CL, Bartz TM, Keyser C, Evans DS, Li X, Musani SK, Ruiter R, Smith AV, Sun F, Trompet S, Xu H, Arnett DK, Bis JC, Broeckel U, Busch EL, Chen YI, Correa A, Cummings SR, **Floyd JS**, Ford I, Guo X, Harris TB, Ikram MA, Lange L, Launer LJ, Reiner AP, Schwander K, Smith NL, Sotoodehnia N, Stewart JD, Stott DJ, Sturmer T, Taylor KD, Uitterlinden A, Vasani RS, Wiggins KL, Cupples LA, Gudnason V, Heckbert SR, Jukema JW, Liu Y, Psaty BM, Rao DC, Rotter JI, Stricker B, Wilson JG, Whitset EA. Genome-wide meta-analysis of variant-by-diuretic interactions as modulators of lipid traits in persons of European and African ancestry. *Pharmacogenomics J*. 2019;20(3):482-93. PMID: 31806883.
- 52) Heckbert SR, Austin TR, Jensen PN, Chen LY, Post WS, **Floyd JS**, Soliman EZ, Kronmal RA, Psaty BM. Differences by Race/Ethnicity in the Prevalence of Clinically Detected and Monitor-Detected Atrial Fibrillation: MESA. *Circ Arrhythm Electrophysiol*. 2020;13(1):e007698. Epub 2020/01/15. PMID: 31934795.
- 53) Salas J, Morley JE, Scherrer JF, **Floyd JS**, Farr SA, Zubatsky M, Barthold D, Dublin S. Risk of incident dementia following metformin initiation compared with noninitiation or delay of antidiabetic medication therapy. *Pharmacoepidemiol Drug Saf*. 2020;29(6):623-34. PMID: 32363681.
- 54) Harding BN, **Floyd JS**, Scherrer JF, Salas J, Morley JE, Farr SA, Dublin S. Methods to identify dementia in the electronic health record: Comparing cognitive test scores with dementia algorithms. *Healthc (Amst)*. 2020;8(2):100430. PMID: 32553526
- 55) Harding BN, Wiggins KL, Jensen PN, McKnight B, Psaty BM, Heckbert SR, **Floyd JS**. Opioid, gabapentinoid, and nonsteroidal anti-inflammatory medication use and the risks of atrial fibrillation and supraventricular ectopy in the Multi-Ethnic Study of Atherosclerosis. *Pharmacoepidemiol Drug Saf*. 2020;29(9):1175-82. PMID: 32558036
- 56) Bick AG, Weinstock JS, Nandakumar SK, Fulco CP, Bao EL, Zekavat SM, Szeto MD, Liao X, Leventhal MJ, Nasser J, Chang K, Laurie C, Burugula BB, Gibson CJ, Lin AE, Taub MA, Aguet F, Ardlie K, Mitchell BD, Barnes KC, Moscati A, Fornage M, Redline S, Psaty BM, Silverman EK, Weiss ST, Palmer ND, Vasani RS, Burchard EG, Kardia SLR, He J, Kaplan RC, Smith NL, Arnett DK, Schwartz DA, Correa A, de Andrade M, Guo X, Konkole BA, Custer B, Peralta JM,

Gui H, Meyers DA, McGarvey ST, Chen IY, Shoemaker MB, Peyser PA, Broome JG, Gogarten SM, Wang FF, Wong Q, Montasser ME, Daya M, Kenny EE, North KE, Launer LJ, Cade BE, Bis JC, Cho MH, Lasky-Su J, Bowden DW, Cupples LA, Mak ACY, Becker LC, Smith JA, Kelly TN, Aslibekyan S, Heckbert SR, Tiwari HK, Yang IV, Heit JA, Lubitz SA, Johnsen JM, Curran JE, Wenzel SE, Weeks DE, Rao DC, Darbar D, Moon JY, Tracy RP, Buth EJ, Rafaels N, Loos RJF, Durda P, Liu Y, Hou L, Lee J, Kachroo P, Freedman BI, Levy D, Bielak LF, Hixson JE, **Floyd JS**, Whitsel EA, Ellinor PT, Irvin MR, Fingerlin TE, Raffield LM, Armasu SM, Wheeler MM, Sabino EC, Blangero J, Williams LK, Levy BD, Sheu WH, Roden DM, Boerwinkle E, Manson JE, Mathias RA, Desai P, Taylor KD, Johnson AD, Consortium NT-OfPM, Auer PL, Kooperberg C, Laurie CC, Blackwell TW, Smith AV, Zhao H, Lange E, Lange L, Rich SS, Rotter JI, Wilson JG, Scheet P, Kitman JO, Lander ES, Engreitz JM, Ebert BL, Reiner AP, Jaiswal S, Abecasis G, Sankaran VG, Kathiresan S, Natarajan P. Inherited causes of clonal haematopoiesis in 97,691 whole genomes. *Nature*. 2020;586(7831):763-8. PMID: 33057201

- 57) Castellani CA, Longchamps RJ, Sumpter JA, Newcomb CE, Lane JA, Grove ML, Bressler J, Brody JA, **Floyd JS**, Bartz TM, Taylor KD, Wang P, Tin A, Coresh J, Pankow JS, Fornage M, Guallar E, O'Rourke B, Pankratz N, Liu C, Levy D, Sotoodehnia N, Boerwinkle E, Arking DE. Mitochondrial DNA copy number can influence mortality and cardiovascular disease via methylation of nuclear DNA CpGs. *Genome Med*. 2020;12(1):84. PMID: 32988399
- 58) Chen MH, Raffield LM, Mousas A, Sakaue S, Huffman JE, Moscati A, Trivedi B, Jiang T, Akbari P, Vuckovic D, Bao EL, Zhong X, Manansala R, Laplante V, Chen M, Lo KS, Qian H, Lareau CA, Beaudoin M, Hunt KA, Akiyama M, Bartz TM, Ben-Shlomo Y, Beswick A, Bork-Jensen J, Bottinger EP, Brody JA, van Rooij FJA, Chitrala K, Cho K, Choquet H, Correa A, Danesh J, Di Angelantonio E, Dimou N, Ding J, Elliott P, Esko T, Evans MK, **Floyd JS**, Broer L, Grarup N, Guo MH, Greinacher A, Haessler J, Hansen T, Howson JMM, Huang QQ, Huang W, Jorgenson E, Kacprowski T, Kahonen M, Kamatani Y, Kanai M, Karthikeyan S, Koskeridis F, Lange LA, Lehtimäki T, Lerch MM, Linneberg A, Liu Y, Lyytikäinen LP, Manichaikul A, Martin HC, Matsuda K, Mohlke KL, Mononen N, Murakami Y, Nadkarni GN, Nauck M, Nikus K, Ouwehand WH, Pankratz N, Pedersen O, Preuss M, Psaty BM, Raitakari OT, Roberts DJ, Rich SS, Rodriguez BAT, Rosen JD, Rotter JI, Schubert P, Spracklen CN, Surendran P, Tang H, Tardif JC, Trembath RC, Ghanbari M, Volker U, Volzke H, Watkins NA, Zonderman AB, Program VAMV, Wilson PWF, Li Y, Butterworth AS, Gauchat JF, Chiang CWK, Li B, Loos RJF, Astle WJ, Evangelou E, van Heel DA, Sankaran VG, Okada Y, Soranzo N, Johnson AD, Reiner AP, Auer PL, Lettre G. Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. *Cell*. 2020;182(5):1198-213 e14. PMID: 32888493
- 59) Dublin S, Walker R, **Floyd JS**, Shortreed SM, Fuller S, Albertson-Junkans L, Harrington LB, Greenwood-Hickman MA, Green BB, Psaty BM. Renin-angiotensin-aldosterone system inhibitors and COVID-19 infection or hospitalization: a cohort study. *Am J Hypertens*. 2021;34(4):427. PMID: 33048112.
- 60) Vuckovic D, Bao EL, Akbari P, Lareau CA, Mousas A, Jiang T, Chen MH, Raffield LM, Tardaguila M, Huffman JE, Ritchie SC, Megy K, Pongstingl H, Penkett CJ, Albers PK, Wigdor EM, Sakaue S, Moscati A, Manansala R, Lo KS, Qian H, Akiyama M, Bartz TM, Ben-Shlomo Y, Beswick A, Bork-Jensen J, Bottinger EP, Brody JA, van Rooij FJA, Chitrala KN, Wilson PWF, Choquet H, Danesh J, Di Angelantonio E, Dimou N, Ding J, Elliott P, Esko T, Evans MK, Felix SB, **Floyd JS**, Broer L, Grarup N, Guo MH, Guo Q, Greinacher A, Haessler J, Hansen T, Howson JMM, Huang W, Jorgenson E, Kacprowski T, Kahonen M, Kamatani Y, Kanai M, Karthikeyan S, Koskeridis F, Lange LA, Lehtimäki T, Linneberg A, Liu Y, Lyytikäinen LP, Manichaikul A, Matsuda K, Mohlke KL, Mononen N, Murakami Y, Nadkarni GN, Nikus K,

Pankratz N, Pedersen O, Preuss M, Psaty BM, Raitakari OT, Rich SS, Rodriguez BAT, Rosen JD, Rotter JI, Schubert P, Spracklen CN, Surendran P, Tang H, Tardif JC, Ghanbari M, Volker U, Volzke H, Watkins NA, Weiss S, Program VAMV, Cai N, Kundu K, Watt SB, Walter K, Zonderman AB, Cho K, Li Y, Loos RJF, Knight JC, Georges M, Stegle O, Evangelou E, Okada Y, Roberts DJ, Inouye M, Johnson AD, Auer PL, Astle WJ, Reiner AP, Butterworth AS, Ouwehand WH, Lettre G, Sankaran VG, Soranzo N. The Polygenic and Monogenic Basis of Blood Traits and Diseases. *Cell*. 2020;182(5):1214-31 e11. PMID: 32888494; PMCID: PMC7482360.

- 61) *Bann MA, Carrell DS, Gruber S, Shinde M, Ball R, Nelson JC, **Floyd JS**. Identification and validation of anaphylaxis using electronic health data in a population-based setting. *Epidemiology*. 2021;32:439-443. PMID: 33707633
- 62) Heckbert SR, Jensen PN, Austin TR, Chen LY, Post WS, Ambale Venkatesh B, Soliman EZ, **Floyd JS**, Sotoodehnia N, Kronmal RA, Lima JAC. Associations of Left Atrial Function and Structure With Supraventricular Ectopy: The Multi-Ethnic Study of Atherosclerosis. *J Am Heart Assoc*. 2021;10(4):e018093. PMID: 33538182
- 63) *Harding BN, Norby FL, Heckbert SR, McKnight B, Psaty BM, Soliman EZ, **Floyd JS**, Chen LY. Longitudinal Measures of Blood Pressure and Subclinical Atrial Arrhythmias: The MESA and the ARIC Study. *J Am Heart Assoc*. 2021 May 20;e020260. PMID: 34013105
- 64) Blondon M, Timmons AK, Baraff AJ, **Floyd JS**, Harrington LB, Korpak AM, Smith NL. Comparative venous thromboembolic safety of oral and transdermal postmenopausal hormone therapies among women Veterans. *Menopause*. 2021;28(10):1125-9. PMID: 34313612
- 65) Tin A, Schlosser P, Matias-Garcia PR, Thio CHL, Joehanes R, Liu H, Yu Z, Weihs A, Hoppmann A, Grundner-Culemann F, Min JL, Kuhns VLH, Adeyemo AA, Agyemang C, Arnlov J, Aziz NA, Baccarelli A, Bochud M, Brenner H, Bressler J, Breteler MMB, Carmeli C, Chaker L, Coresh J, Corre T, Correa A, Cox SR, Delgado GE, Eckardt KU, Ekici AB, Endlich K, **Floyd JS**, Fraszczek E, Gao X, Gao X, Gelber AC, Ghanbari M, Ghasemi S, Gieger C, Greenland P, Grove ML, Harris SE, Hemani G, Henneman P, Herder C, Horvath S, Hou L, Hurme MA, Hwang SJ, Kardina SLR, Kasela S, Kleber ME, Koenig W, Kooner JS, Kronenberg F, Kuhnel B, Ladd-Acosta C, Lehtimäki T, Lind L, Liu D, Lloyd-Jones DM, Lorkowski S, Lu AT, Marioni RE, Marz W, McCartney DL, Meeks KAC, Milani L, Mishra PP, Nauck M, Nowak C, Peters A, Prokisch H, Psaty BM, Raitakari OT, Ratliff SM, Reiner AP, Schottker B, Schwartz J, Sedaghat S, Smith JA, Sotoodehnia N, Stocker HR, Stringhini S, Sundstrom J, Swenson BR, van Meurs JBJ, van Vliet-Ostapchouk JV, Venema A, Volker U, Winkelmann J, Woffenbuttel BHR, Zhao W, Zheng Y, Estonian Biobank Research T, Genetics of DNAMC, Loh M, Snieder H, Waldenberger M, Levy D, Akilesh S, Woodward OM, Susztak K, Teumer A, Kottgen A. Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. *Nat Commun*. 2021;12(1):7173. PMID: 34887389
- 66) Schlosser P, Tin A, Matias-Garcia PR, Thio CHL, Joehanes R, Liu H, Weihs A, Yu Z, Hoppmann A, Grundner-Culemann F, Min JL, Adeyemo AA, Agyemang C, Arnlov J, Aziz NA, Baccarelli A, Bochud M, Brenner H, Breteler MMB, Carmeli C, Chaker L, Chambers JC, Cole SA, Coresh J, Corre T, Correa A, Cox SR, de Klein N, Delgado GE, Domingo-Relloso A, Eckardt KU, Ekici AB, Endlich K, Evans KL, **Floyd JS**, Fornage M, Franke L, Fraszczek E, Gao X, Gao X, Ghanbari M, Ghasemi S, Gieger C, Greenland P, Grove ML, Harris SE, Hemani G, Henneman P, Herder C, Horvath S, Hou L, Hurme MA, Hwang SJ, Jarvelin MR, Kardina SLR, Kasela S, Kleber ME, Koenig W, Kooner JS, Kramer H, Kronenberg F, Kuhnel B, Lehtimäki T, Lind L, Liu D, Liu Y, Lloyd-Jones DM, Lohman K, Lorkowski S, Lu AT, Marioni RE, Marz W,

McCartney DL, Meeks KAC, Milani L, Mishra PP, Nauck M, Navas-Acien A, Nowak C, Peters A, Prokisch H, Psaty BM, Raitakari OT, Ratliff SM, Reiner AP, Rosas SE, Schottker B, Schwartz J, Sedaghat S, Smith JA, Sotoodehnia N, Stocker HR, Stringhini S, Sundstrom J, Swenson BR, Tellez-Plaza M, van Meurs JBJ, van Vliet-Ostaptchouk JV, Venema A, Verweij N, Walker RM, Wielscher M, Winkelmann J, Wolffenbuttel BHR, Zhao W, Zheng Y, Estonian Biobank Research T, Genetics of DNAMC, Loh M, Snieder H, Levy D, Waldenberger M, Susztak K, Kottgen A, Teumer A. Meta-analyses identify DNA methylation associated with kidney function and damage. *Nat Commun.* 2021;12(1):7174. PMID: 34887417

- 67) Wiggins KL, **Floyd JS**, Bansal N, Kestenbaum B, Heckbert SR. Kidney Function and Subclinical Arrhythmias: The Multi-Ethnic Study of Atherosclerosis. *Kidney Med.* 2021;3(6):1102-5. PMID: 34939023
- 68) Wu P, Moon JY, Daghlis I, Franco G, Porneala BC, Ahmadizar F, Richardson TG, Isaksen JL, Hindy G, Yao J, Sitlani CM, Raffield LM, Yanek LR, Feitosa MF, Cuadrat RRC, Qi Q, Arfan Ikram M, Ellervik C, Ericson U, Goodarzi MO, Brody JA, Lange L, Mercader JM, Vaidya D, An P, Schulze MB, Masana L, Ghanbari M, Olesen MS, Cai J, Guo X, **Floyd JS**, Jager S, Province MA, Kalyani RR, Psaty BM, Orho-Melander M, Ridker PM, Kanter JK, Uitterlinden A, Davey Smith G, Gill D, Kaplan RC, Kavousi M, Raghavan S, Chasman DI, Rotter JI, Meigs JB, Florez JC, Dupuis J, Liu CT, Merino J. Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. *Diabetes Care.* 2022;45(1):232-40. PMID: 34789503.
- 69) Shortreed SM, Gray R, Akosile MA, Walker RL, Fuller S, Temposky L, Fortmann SP, Albertson-Junkans L, **Floyd JS**, Bayliss EA, Harrington LB, Lee MH, Dublin S. Increased COVID-19 Infection Risk Drives Racial and Ethnic Disparities in Severe COVID-19 Outcomes. *J Racial Ethn Health Disparities.* 2022;Jan 24:1-11. PMID: 35072944
- 70) Nance RM, Delaney JAC, **Floyd JS**, Saag MS, Moore RD, Keruly JC, Kitahata MM, Whitney BM, Mathews WC, Cachay ER, Burkholder G, Willig AL, Eron JJ, Jr., Napravnik S, Crane HM, Heckbert SR. Risk factors for atrial fibrillation in a multi-center US clinical cohort of people with HIV infection. *AIDS.* 2022;36:903-905. PMID: 35220349
- 71) Harding BN, Hawley CN, Kalinowski J, Sims M, Muntner P, Young Mielcarek BA, Heckbert SR, **Floyd JS**. Relationship between social support and incident hypertension in the Jackson Heart Study: a cohort study. *BMJ Open.* 2022;12(3):e054812. PMID: 35301208
- 72) Myhre PL, Claggett B, Yu B, Skali H, Solomon SD, Rosjo H, Omland T, Wiggins KL, Psaty BM, **Floyd JS**, Selvin E, Ballantyne CM, Shah AM. Sex and Race Differences in N-Terminal Pro-B-type Natriuretic Peptide Concentration and Absolute Risk of Heart Failure in the Community. *JAMA Cardiol.* 2022;7(6):623-31. PMID: 35476049
- 73) Mahajan A, Spracklen CN, Zhang W, Ng MCY, Petty LE, Kitajima H, Yu GZ, Rueger S, Speidel L, Kim YJ, Horikoshi M, Mercader JM, Taliun D, Moon S, Kwak SH, Robertson NR, Rayner NW, Loh M, Kim BJ, Chiou J, Miguel-Escalada I, Della Briotta Parolo P, Lin K, Bragg F, Preuss MH, Takeuchi F, Nano J, Guo X, Lamri A, Nakatochi M, Scott RA, Lee JJ, Huerta-Chagoya A, Graff M, Chai JF, Parra EJ, Yao J, Bielak LF, Tabara Y, Hai Y, Steinthorsdottir V, Cook JP, Kals M, Grarup N, Schmidt EM, Pan I, Sofer T, Wuttke M, Sarnowski C, Gieger C, Nounsime D, Trompet S, Long J, Sun M, Tong L, Chen WM, Ahmad M, Noordam R, Lim VJY, Tam CHT, Joo YY, Chen CH, Raffield LM, Lecoeur C, Prins BP, Nicolas A, Yanek LR, Chen G, Jensen RA, Tajuddin S, Kabagambe EK, An P, Xiang AH, Choi HS, Cade BE, Tan J, Flanagan J, Abaitua F, Adair LS, Adeyemo A, Aguilar-Salinas CA, Akiyama M, Anand SS, Bertoni A, Bian Z, Bork-Jensen J, Brandslund I, Brody JA, Brummett CM, Buchanan TA, Canouil M, Chan JCN, Chang

LC, Chee ML, Chen J, Chen SH, Chen YT, Chen Z, Chuang LM, Cushman M, Das SK, de Silva HJ, Dedoussis G, Dimitrov L, Doumatey AP, Du S, Duan Q, Eckardt KU, Emery LS, Evans DS, Evans MK, Fischer K, **Floyd JS**, Ford I, Fornage M, Franco OH, Frayling TM, Freedman BI, Fuchsberger C, Genter P, Gerstein HC, Giedraitis V, Gonzalez-Villalpando C, Gonzalez-Villalpando ME, Goodarzi MO, Gordon-Larsen P, Gorkin D, Gross M, Guo Y, Hackinger S, Han S, Hattersley AT, Herder C, Howard AG, Hsueh W, Huang M, Huang W, Hung YJ, Hwang MY, Hwu CM, Ichihara S, Ikram MA, Ingelsson M, Islam MT, Isono M, Jang HM, Jasmine F, Jiang G, Jonas JB, Jorgensen ME, Jorgensen T, Kamatani Y, Kandeel FR, Kasturiratne A, Katsuya T, Kaur V, Kawaguchi T, Keaton JM, Kho AN, Khor CC, Kibriya MG, Kim DH, Kohara K, Kriebel J, Kronenberg F, Kuusisto J, Lall K, Lange LA, Lee MS, Lee NR, Leong A, Li L, Li Y, Li-Gao R, Ligthart S, Lindgren CM, Linneberg A, Liu CT, Liu J, Locke AE, Louie T, Luan J, Luk AO, Luo X, Lv J, Lyssenko V, Mamakou V, Mani KR, Meitinger T, Metspalu A, Morris AD, Nadkarni GN, Nadler JL, Nalls MA, Nayak U, Nongmaithem SS, Ntalla I, Okada Y, Orozco L, Patel SR, Pereira MA, Peters A, Pirie FJ, Porneala B, Prasad G, Preissl S, Rasmussen-Torvik LJ, Reiner AP, Roden M, Rohde R, Roll K, Sabanayagam C, Sander M, Sandow K, Sattar N, Schonherr S, Schurmann C, Shahriar M, Shi J, Shin DM, Shriner D, Smith JA, So WY, Stancakova A, Stilp AM, Strauch K, Suzuki K, Takahashi A, Taylor KD, Thorand B, Thorleifsson G, Thorsteinsdottir U, Tomlinson B, Torres JM, Tsai FJ, Tuomilehto J, Tusie-Luna T, Udler MS, Valladares-Salgado A, van Dam RM, van Klinken JB, Varma R, Vujkovic M, Wachter-Rodarte N, Wheeler E, Whitsel EA, Wickremasinghe AR, van Dijk KW, Witte DR, Yajnik CS, Yamamoto K, Yamauchi T, Yengo L, Yoon K, Yu C, Yuan JM, Yusuf S, Zhang L, Zheng W, FinnGen, e MC, Raffel LJ, Igase M, Ipp E, Redline S, Cho YS, Lind L, Province MA, Hanis CL, Peyser PA, Ingelsson E, Zonderman AB, Psaty BM, Wang YX, Rotimi CN, Becker DM, Matsuda F, Liu Y, Zeggini E, Yokota M, Rich SS, Kooperberg C, Pankow JS, Engert JC, Chen YI, Froguel P, Wilson JG, Sheu WHH, Kardia SLR, Wu JY, Hayes MG, Ma RCW, Wong TY, Groop L, Mook-Kanamori DO, Chandak GR, Collins FS, Bharadwaj D, Pare G, Sale MM, Ahsan H, Motala AA, Shu XO, Park KS, Jukema JW, Cruz M, McKean-Cowdin R, Grallert H, Cheng CY, Bottinger EP, Dehghan A, Tai ES, Dupuis J, Kato N, Laakso M, Kottgen A, Koh WP, Palmer CNA, Liu S, Abecasis G, Kooner JS, Loos RJJ, North KE, Haiman CA, Florez JC, Saleheen D, Hansen T, Pedersen O, Magi R, Langenberg C, Wareham NJ, Maeda S, Kadowaki T, Lee J, Millwood IY, Walters RG, Stefansson K, Myers SR, Ferrer J, Gaulton KJ, Meigs JB, Mohlke KL, Gloyn AL, Bowden DW, Below JE, Chambers JC, Sim X, Boehnke M, Rotter JI, McCarthy MI, Morris AP. Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. *Nat Genet.* 2022;54(5):560-72. PMID: 35551307

74) Ma Y, **Floyd JS**, Austin TR, Chen LY, Horwich T, Post WS, Michos ED, Heckbert SR. Life's Simple 7 Cardiovascular Health Score in Relation to Arrhythmias on Extended Ambulatory Electrocardiographic Monitoring (from the Multi-Ethnic Study of Atherosclerosis). *Am J Cardiol.* 2022;170:63-70. PMID: 35193768

75) Harding BN, Austin TR, **Floyd JS**, Smith BM, Szklo M, Heckbert SR. Self-reported marijuana use and cardiac arrhythmias (from the Multiethnic Study of Atherosclerosis). *Am J Cardiol.* 2022;177:48-52. PMID: 35725675

76) Fohner AE, Sitlani CM, Buzkova P, Doyle MF, Liu X, Bis JC, Fitzpatrick A, Heckbert SR, Huber SA, Kuller L, Longstreth WT, Feinstein MJ, Freiberg M, Olson NC, Seshadri S, Lopez O, Odden MC, Tracy RP, Psaty BM, Delaney JA, **Floyd JS**. Association of Peripheral Lymphocyte Subsets with Cognitive Decline and Dementia: The Cardiovascular Health Study. *J Alzheimers Dis.* 2022;88(1):7-15. PMID: 35527553

- 77) Feinstein MJ, Buzkova P, Olson NC, Doyle MF, Sitlani CM, Fohner AE, Huber SA, **Floyd J**, Sinha A, Thorp EB, Landay A, Freiberg MS, Longstreth WT, Jr., Tracy RP, Psaty BM, Delaney JA. Monocyte subsets, T cell activation profiles, and stroke in men and women: The Multi-Ethnic Study of Atherosclerosis and Cardiovascular Health Study. *Atherosclerosis*. 2022;351:18-25. PMID: 35605368
- 78) DiCorpo D, Gaynor SM, Russell EM, Westerman KE, Raffield LM, Majarian TD, Wu P, Sarnowski C, Highland HM, Jackson A, Hasbani NR, de Vries PS, Brody JA, Hidalgo B, Guo X, Perry JA, O'Connell JR, Lent S, Montasser ME, Cade BE, Jain D, Wang H, D'Oliveira Albanus R, Varshney A, Yanek LR, Lange L, Palmer ND, Almeida M, Peralta JM, Aslibekyan S, Baldrige AS, Bertoni AG, Bielak LF, Chen CS, Chen YI, Choi WJ, Goodarzi MO, **Floyd JS**, Irvin MR, Kalyani RR, Kelly TN, Lee S, Liu CT, Loesch D, Manson JE, Minster RL, Naseri T, Pankow JS, Rasmussen-Torvik LJ, Reiner AP, Reupena MS, Selvin E, Smith JA, Weeks DE, Xu H, Yao J, Zhao W, Parker S, Alonso A, Arnett DK, Blangero J, Boerwinkle E, Correa A, Cupples LA, Curran JE, Duggirala R, He J, Heckbert SR, Kardia SLR, Kim RW, Kooperberg C, Liu S, Mathias RA, McGarvey ST, Mitchell BD, Morrison AC, Peyser PA, Psaty BM, Redline S, Shuldiner AR, Taylor KD, Vasani RS, Viaud-Martinez KA, Florez JC, Wilson JG, Sladek R, Rich SS, Rotter JI, Lin X, Dupuis J, Meigs JB, Wessel J, Manning AK. Whole genome sequence association analysis of fasting glucose and fasting insulin levels in diverse cohorts from the NHLBI TOPMed program. *Commun Biol*. 2022;5(1):756. PMID: 3590268
- 79) **Floyd JS**, Bann MA, Felcher AH, Sapp D, Nguyen MD, Ajao A, Ball R, Carrell DS, Nelson JC, Hazlehurst B. Validation of acute pancreatitis among adults in an integrated healthcare system. *Epidemiology*. 2022 Aug 22. doi: 10.1097/EDE.0000000000001541. PMID: 36007092
- 80) Austin TR, McHugh CP, Brody JA, Bis JC, Sitlani CM, Bartz TM, Biggs ML, Bansal N, Buzkova P, Carr SA, deFilippi CR, Elkind MSV, Fink HA, **Floyd JS**, Fohner AE, Gerszten RE, Heckbert SR, Katz DH, Kizer JR, Lemaitre RN, Longstreth WT, McKnight B, Mei H, Mukamal KJ, Newman AB, Ngo D, Odden MC, Vasani RS, Shojiaie A, Simon N, Smith GD, Davies NM, Siscovick DS, Sotoodehnia N, Tracy RP, Wiggins KL, Zheng J, Psaty BM. Proteomics and Population Biology in the Cardiovascular Health Study (CHS): design of a study with mentored access and active data sharing. *Eur J Epidemiol*. 2022;37:755-765. PMID: 35790642
- 81) Uddin MDM, Nguyen NQH, Yu B, Brody JA, Pampana A, Nakao T, Fornage M, Bressler J, Sotoodehnia N, Weinstock JS, Honigberg MC, Nachun D, Bhattacharya R, Griffin GK, Chander V, Gibbs RA, Rotter JI, Liu C, Baccarelli AA, Chasman DI, Whitsel EA, Kiel DP, Murabito JM, Boerwinkle E, Ebert BL, Jaiswal S, **Floyd JS**, Bick AG, Ballantyne CM, Psaty BM, Natarajan P, Conneely KN. Clonal hematopoiesis of indeterminate potential, DNA methylation, and risk for coronary artery disease. *Nat Commun*. 2022;13(1):5350. PMID: 36097025
- 82) Sinha A, Sitlani CM, Doyle MF, Fohner AE, Buzkova P, **Floyd JS**, Huber SA, Olson NC, Njoroge JN, Kizer JR, Delaney JA, Shah SS, Tracy RP, Psaty B, Feinstein M. Association of immune cell subsets with incident heart failure in two population-based cohorts. *ESC Heart Fail*. 2022 Sep 12. doi: 10.1002/ehf2.14140. PMID: 36097332
- 83) *Huber MP, Pandit JA, Jensen PN, Wiggins KL, Patel RB, Freed BH, Bertoni AG, Shah SJ, Heckbert SR, **Floyd JS**. Left atrial strain and the risk of atrial arrhythmias from extended ambulatory cardiac monitoring: the Multi-Ethnic Study of Atherosclerosis. *J Am Heart Assoc*. 2022;11(21):e026875. PMID: 36314499.
- 84) Austin TR, Jensen PN, Nasrallah IM, Habes M, Rashid T, Ware JB, Chen LY, Greenland P, Hughes TM, Post WS, Shea SJ, Watson KE, Sitlani CM, **Floyd JS**, Kronmal RA, Longstreth

- WT, Jr., Bertoni AG, Shah SJ, Bryan RN, Heckbert SR. Left Atrial Function and Arrhythmias in Relation to Small Vessel Disease on Brain MRI: The Multi-Ethnic Study of Atherosclerosis. *J Am Heart Assoc.* 2022;11(20):e026460. PMID: 36250665
- 85) **Floyd JS**, Sitlani CM, Doyle MF, Feinstein MJ, Olson NC, Heckbert SR, Huber SA, Tracy RP, Psaty BM, Delaney JA. Immune cell subpopulations as risk factors for atrial fibrillation: the Cardiovascular Health Study and Multi-Ethnic Study of Atherosclerosis. *Heart Rhythm.* 2022. PMID: 36270578
- 86) Carrell DS, Gruber S, **Floyd JS**, Bann MA, Cushing-Haugen KL, Johnson RL, Graham V, Cronkite DJ, Hazlehurst BL, Felcher AH, Bejan CA, Kennedy A, Shinde M, Karami S, Ma Y, Stojanovic D, Zhao Y, Ball R, Nelson J. Improving Methods of Identifying Anaphylaxis for Medical Product Safety Surveillance Using Natural Language Processing and Machine Learning. *Am J Epidemiol.* 2022. PMID: 36331289
- 87) Wheeler MM, Stilp AM, Rao S, Halldorsson BV, Beyter D, Wen J, Mihkaylova AV, McHugh CP, Lane J, Jiang MZ, Raffield LM, Jun G, Sedlazeck FJ, Metcalf G, Yao Y, Bis JB, Chami N, de Vries PS, Desai P, **Floyd JS**, Gao Y, Kammers K, Kim W, Moon JY, Ratan A, Yanek LR, Almasy L, Becker LC, Blangero J, Cho MH, Curran JE, Fornage M, Kaplan RC, Lewis JP, Loos RJF, Mitchell BD, Morrison AC, Preuss M, Psaty BM, Rich SS, Rotter JI, Tang H, Tracy RP, Boerwinkle E, Abecasis GR, Blackwell TW, Smith AV, Johnson AD, Mathias RA, Nickerson DA, Conomos MP, Li Y, Thornersteinsdottir U, Magnusson MK, Stefansson K, Pankratz ND, Bauer DE, Auer PL, Reiner AP. Whole genome sequencing identifies structural variants contributing to hematologic traits in the NHLBI TOPMed program. *Nat Commun.* 2022;13(1):7592. PMID: 36481753
- 88) Kalani R, Bartz TM, Psaty BM, Elkind MS, **Floyd JS**, Gerszten RE, Shojaie A, Heckbert SR, Bis JC, Austin TR, Tirschwell DL, Delaney JAC, Longstreth WT. Plasma Proteomic Associations with Incident Ischemic Stroke in Older Adults: The Cardiovascular Health Study. *Neurology.* 2023;100:e2182-e2190. PMID: 37015819
- 89) ***Floyd JS**, Walker RL, Kuntz JL, Shortreed SM, Fortmann SP, Bayliss EA, Harrington LB, Fuller S, Albertson-Junkans LH, Powers JD, Lee MH, Temposky LA, Dublin S. Association Between Diabetes Severity and Risks of COVID-19 Infection and Outcomes. *J Gen Intern Med.* 2023;Feb 16:1-9. PMID: 36795328
- 90) Ahmad MI, Mujtaba M, **Floyd JS**, Chen LY, Soliman EZ. Electrocardiographic markers of atrial cardiomyopathy and risk of heart failure in the multi-ethnic study of atherosclerosis (MESA) cohort. *Front Cardiovasc Med.* 2023;10:1143338. PMID: 37180781
- 91) Zhang Y, Dron JS, Bellows BK, Khera AV, Liu J, Balte PP, Oelsner EC, Amr SS, Lebo MS, Nagy A, Peloso GM, Natarajan P, Rotter JI, Willer C, Boerwinkle E, Ballantyne CM, Lutsey PL, Fornage M, Lloyd-Jones DM, Hou L, Psaty BM, Bis JC, **Floyd JS**, Vasan RS, Heard-Costa NL, Carson AP, Hall ME, Rich SS, Guo X, Kazi DS, de Ferranti SD, Moran AE. Association of Severe Hypercholesterolemia and Familial Hypercholesterolemia Genotype With Risk of Coronary Heart Disease. *Circulation.* 2023;147(20):1556-9. PMID: 37186683
- 92) Wang Y, Selvaraj MS, Li X, Li Z, Holdcraft JA, Arnett DK, Bis JC, Blangero J, Boerwinkle E, Bowden DW, Cade BE, Carlson JC, Carson AP, Chen YI, Curran JE, de Vries PS, Dutcher SK, Ellinor PT, **Floyd JS**, Fornage M, Freedman BI, Gabriel S, Germer S, Gibbs RA, Guo X, He J, Heard-Costa N, Hildalgo B, Hou L, Irvin MR, Joehanes R, Kaplan RC, Kardina SL, Kelly TN, Kim R, Kooperberg C, Kral BG, Levy D, Li C, Liu C, Lloyd-Jone D, Loos RJ, Mahaney MC, Martin

LW, Mathias RA, Minster RL, Mitchell BD, Montasser ME, Morrison AC, Murabito JM, Naseri T, O'Connell JR, Palmer ND, Preuss MH, Psaty BM, Raffield LM, Rao DC, Redline S, Reiner AP, Rich SS, Ruepena MS, Sheu WH, Smith JA, Smith A, Tiwari HK, Tsai MY, Viaud-Martinez KA, Wang Z, Yanek LR, Zhao W, Consortium NT-OfPM, Rotter JI, Lin X, Natarajan P, Peloso GM. Rare variants in long non-coding RNAs are associated with blood lipid levels in the TOPMed whole-genome sequencing study. *American journal of human genetics*. 2023;110(10):1704-17. PMID: 37802043

- 93) Srinivasan S, Wu P, Mercader JM, Udler MS, Porneala BC, Bartz TM, **Floyd JS**, Sitlani C, Guo X, Haessler J, Kooperberg C, Liu J, Ahmad S, van Duijn C, Liu CT, Goodarzi MO, Florez JC, Meigs JB, Rotter JI, Rich SS, Dupuis J, Leong A. A Type 1 Diabetes Polygenic Score Is Not Associated With Prevalent Type 2 Diabetes in Large Population Studies. *J Endocr Soc*. 2023;7(11):bvad123. PMID: 37841955
- 94) Jonmundsson T, Steindorsdottir AE, Austin TR, Frick EA, Axelsson GT, Launer L, Psaty BM, Loureiro J, Orth AP, Aspelund T, Emilsson V, ***Floyd JS**, ***Jennings L**, ***Gudnason V**, ***Gudmundsdottir V**. A proteomic analysis of atrial fibrillation in a prospective longitudinal cohort (AGES-Reykjavik study). *Europace*. 2023;25(11). PMID: 37967346 ***contributed equally as senior author**
- 95) Heckbert SR, Jensen PN, Erus G, Nasrallah IM, Rashid T, Habes M, Austin TR, **Floyd JS**, Schaich CL, Redline S, Bryan RN, Costa MD. Heart rate fragmentation and brain MRI markers of small vessel disease in MESA. *Alzheimers Dement*. 2023. PMID: 38009395
- 96) de Las Fuentes L, Schwander KL, Brown MR, Bentley AR, Winkler TW, Sung YJ, Munroe PB, Miller CL, Aschard H, Aslibekyan S, Bartz TM, Bielak LF, Chai JF, Cheng CY, Dorajoo R, Feitosa MF, Guo X, Hartwig FP, Horimoto A, Kolcic I, Lim E, Liu Y, Manning AK, Marten J, Musani SK, Noordam R, Padmanabhan S, Rankinen T, Richard MA, Ridker PM, Smith AV, Vojinovic D, Zonderman AB, Alver M, Boissel M, Christensen K, Freedman BI, Gao C, Giulianini F, Harris SE, He M, Hsu FC, Kuhnle B, Laguzzi F, Li X, Lyytikainen LP, Nolte IM, Poveda A, Rauramaa R, Riaz M, Robino A, Sofer T, Takeuchi F, Tayo BO, van der Most PJ, Verweij N, Ware EB, Weiss S, Wen W, Yanek LR, Zhan Y, Amin N, Arking DE, Ballantyne C, Boerwinkle E, Brody JA, Broeckel U, Campbell A, Canouil M, Chai X, Chen YI, Chen X, Chitrala KN, Concas MP, de Faire U, de Mutsert R, de Silva HJ, de Vries PS, Do A, Faul JD, Fisher V, **Floyd JS**, Forrester T, Friedlander Y, Girotto G, Gu CC, Hallmans G, Heikkinen S, Heng CK, Homuth G, Hunt S, Ikram MA, Jacobs DR, Jr., Kavousi M, Khor CC, Kilpelainen TO, Koh WP, Komulainen P, Langefeld CD, Liang J, Liu K, Liu J, Lohman K, Magi R, Manichaikul AW, McKenzie CA, Meitinger T, Milaneschi Y, Nauck M, Nelson CP, O'Connell JR, Palmer ND, Pereira AC, Perls T, Peters A, Polasek O, Raitakari OT, Rice K, Rice TK, Rich SS, Sabanayagam C, Schreiner PJ, Shu XO, Sidney S, Sims M, Smith JA, Starr JM, Strauch K, Tai ES, Taylor KD, Tsai MY, Uitterlinden AG, van Heemst D, Waldenberger M, Wang YX, Wei WB, Wilson G, Xuan D, Yao J, Yu C, Yuan JM, Zhao W, Becker DM, Bonnefond A, Bowden DW, Cooper RS, Deary IJ, Divers J, Esko T, Franks PW, Froguel P, Gieger C, Jonas JB, Kato N, Lakka TA, Leander K, Lehtimäki T, Magnusson PKE, North KE, Ntalla I, Penninx B, Samani NJ, Snieder H, Spedicati B, van der Harst P, Volzke H, Wagenknecht LE, Weir DR, Wojczynski MK, Wu T, Zheng W, Zhu X, Bouchard C, Chasman DI, Evans MK, Fox ER, Gudnason V, Hayward C, Horta BL, Kardina SLR, Krieger JE, Mook-Kanamori DO, Peyser PA, Province MM, Psaty BM, Rudan I, Sim X, Smith BH, van Dam RM, van Duijn CM, Wong TY, Arnett DK, Rao DC, Gauderman J, Liu CT, Morrison AC, Rotter JI, Fornage M. Gene-educational attainment interactions in a multi-population genome-wide meta-analysis identify novel lipid loci. *Front Genet*. 2023;14:1235337. PMID: 38028628

- 97) Rasouli B, Chubak J, **Floyd JS**, Psaty BM, Nguyen M, Walker RL, Wiggins KL, Logan RW, Danaei G. Combining high-quality data with rigorous methods: emulation of a target trial using electronic medical records and a nested case-control design. *BMJ*. 2023;383:e072356. PMID: 38154827
- 98) Willems SM, Ng NHJ, Fernandez J, Fine RS, Wheeler E, Wessel J, Kitajima H, Marenne G, Sim X, Yaghootkar H, Wang S, Chen S, Chen Y, Chen YI, Grarup N, Li-Gao R, Varga TV, Asimit JL, Feng S, Strawbridge RJ, Kleinbrink EL, Ahluwalia TS, An P, Appel EV, Arking DE, Auvinen J, Bielak LF, Bihlmeyer NA, Bork-Jensen J, Brody JA, Campbell A, Chu AY, Davies G, Demirkan A, Floyd JS, Giulianini F, Guo X, Gustafsson S, Jackson AU, Jakobsdottir J, Jarvelin MR, Jensen RA, Kanoni S, Keinänen-Kiukaanniemi S, Li M, Lu Y, Luan J, Manning AK, Marten J, Meidtner K, Mook-Kanamori DO, Muka T, Pistis G, Prins B, Rice KM, Sanna S, Smith AV, Smith JA, Southam L, Stringham HM, Tragante V, van der Laan SW, Warren HR, Yao J, Yiorkas AM, Zhang W, Zhao W, Graff M, Highland HM, Justice AE, Marouli E, Medina-Gomez C, Afaq S, Alhejily WA, Amin N, Asselbergs FW, Bonnycastle LL, Bots ML, Brandslund I, Chen J, Danesh J, de Mutsert R, Dehghan A, Ebeling T, Elliott P, Consortium EP-I, Farmaki AE, Faul JD, Franks PW, Franks S, Fritsche A, Gjesing AP, Goodarzi MO, Gudnason V, Hallmans G, Harris TB, Herzig KH, Hivert MF, Jorgensen T, Jorgensen ME, Jousilahti P, Kajantie E, Karaleftheri M, Kardia SLR, Kinnunen L, Koistinen HA, Komulainen P, Kovacs P, Kuusisto J, Laakso M, Lange LA, Launer LJ, Leong A, Lindstrom J, Manning Fox JE, Mannisto S, Maruthur NM, Moilanen L, Mulas A, Nalls MA, Neville M, Pankow JS, Pattie A, Petersen ERB, Puolijoki H, Rasheed A, Redmond P, Renstrom F, Roden M, Saleheen D, Saltevo J, Savonen K, Sebert S, Skaaby T, Small KS, Stancakova A, Stockholm J, Strauch K, Tai ES, Taylor KD, Thuesen BH, Tonjes A, Tsafantakis E, Tuomi T, Tuomilehto J, Understanding Society Scientific G, Uusitupa M, Vaarasmaki M, Vaartjes I, Zoledziwska M, Abecasis G, Balkau B, Bisgaard H, Blakemore AI, Bluher M, Boeing H, Boerwinkle E, Bonnelykke K, Bottinger EP, Caulfield MJ, Chambers JC, Chasman DI, Cheng CY, Collins FS, Coresh J, Cucca F, de Borst GJ, Deary IJ, Dedoussis G, Deloukas P, den Ruijter HM, Dupuis J, Evans MK, Ferrannini E, Franco OH, Grallert H, Hansen T, Hattersley AT, Hayward C, Hirschhorn JN, Ikram A, Ingelsson E, Karpe F, Kaw KT, Kiess W, Kooner JS, Korner A, Lakka T, Langenberg C, Lind L, Lindgren CM, Linneberg A, Lipovich L, Liu CT, Liu J, Liu Y, Loos RJJ, MacDonald PE, Mohlke KL, Morris AD, Munroe PB, Murray A, Padmanabhan S, Palmer CNA, Pasterkamp G, Pedersen O, Peyser PA, Polasek O, Porteous D, Province MA, Psaty BM, Rauramaa R, Ridker PM, Rolandsson O, Rorsman P, Rosendaal FR, Rudan I, Salomaa V, Schulze MB, Sladek R, Smith BH, Spector TD, Starr JM, Stumvoll M, van Duijn CM, Walker M, Wareham NJ, Weir DR, Wilson JG, Wong TY, Zeggini E, Zonderman AB, Rotter JI, Morris AP, Boehnke M, Florez JC, McCarthy MI, Meigs JB, Mahajan A, Scott RA, Gloyn AL, Barroso I. Large-scale exome array summary statistics resources for glycemic traits to aid effector gene prioritization. *Wellcome Open Res*. 2023;8:483. PMID:39280063 PMC11399760
- 99) Armstrong ND, Srinivasasainagendra V, Ammous F, Assimes TL, Beitelshes AL, Brody J, Cade BE, Ida Chen YD, Chen H, de Vries PS, Floyd JS, Franceschini N, Guo X, Hellwege JN, House JS, Hwu CM, Kardia SLR, Lange EM, Lange LA, McDonough CW, Montasser ME, O'Connell JR, Shuey MM, Sun X, Tanner RM, Wang Z, Zhao W, Carson AP, Edwards TL, Kelly TN, Kenny EE, Kooperberg C, Loos RJJ, Morrison AC, Motsinger-Reif A, Psaty BM, Rao DC, Redline S, Rich SS, Rotter JI, Smith JA, Smith AV, Irvin MR, Arnett DK. Whole genome sequence analysis of apparent treatment resistant hypertension status in participants from the Trans-Omics for Precision Medicine program. *Front Genet*. 2023;14:1278215. PMID:38162683 PMC10755672

- 100) Zhang Y, Dron JS, Bellows BK, Khera AV, Liu J, Balte PP, Oelsner EC, Amr SS, Lebo MS, Nagy A, Peloso GM, Natarajan P, Rotter JI, Willer C, Boerwinkle E, Ballantyne CM, Lutsey PL, Fornage M, Lloyd-Jones DM, Hou L, Psaty BM, Bis JC, Floyd JS, Vasani RS, Heard-Costa NL, Carson AP, Hall ME, Rich SS, Guo X, Kazi DS, de Ferranti SD, Moran AE. Familial Hypercholesterolemia Variant and Cardiovascular Risk in Individuals With Elevated Cholesterol. *JAMA Cardiol.* 2024;9(3):263-71. PMID:38294787 PMC10831623

- 101) Yogeswaran V, Wiggins KL, Sittani CM, Ilkhanoff L, Benjamin EJ, Heckbert SR, Kassahun-Yimer W, Floyd JS. Resting Heart Rate and Incident Atrial Fibrillation in Black Adults in the Jackson Heart Study. *JAMA Netw Open.* 2024;7(10):e2442319. PMID:39476232 PMC11525598

- 102) Suzuki K, Hatzikotoulas K, Southam L, Taylor HJ, Yin X, Lorenz KM, Mandla R, Huerta-Chagoya A, Melloni GEM, Kanoni S, Rayner NW, Bocher O, Arruda AL, Sonehara K, Namba S, Lee SSK, Preuss MH, Petty LE, Schroeder P, Vanderwerff B, Kals M, Bragg F, Lin K, Guo X, Zhang W, Yao J, Kim YJ, Graff M, Takeuchi F, Nano J, Lamri A, Nakatochi M, Moon S, Scott RA, Cook JP, Lee JJ, Pan I, Taliun D, Parra EJ, Chai JF, Bielak LF, Tabara Y, Hai Y, Thorleifsson G, Grarup N, Sofer T, Wuttke M, Sarnowski C, Gieger C, Nounsime D, Trompet S, Kwak SH, Long J, Sun M, Tong L, Chen WM, Nongmaithem SS, Noordam R, Lim VJY, Tam CHT, Joo YY, Chen CH, Raffield LM, Prins BP, Nicolas A, Yanek LR, Chen G, Brody JA, Kabagambe E, An P, Xiang AH, Choi HS, Cade BE, Tan J, Broadaway KA, Williamson A, Kamali Z, Cui J, Thangam M, Adair LS, Adeyemo A, Aguilar-Salinas CA, Ahluwalia TS, Anand SS, Bertoni A, Bork-Jensen J, Brandslund I, Buchanan TA, Burant CF, Butterworth AS, Canouil M, Chan JCN, Chang LC, Chee ML, Chen J, Chen SH, Chen YT, Chen Z, Chuang LM, Cushman M, Danesh J, Das SK, de Silva HJ, Dedoussis G, Dimitrov L, Doumatey AP, Du S, Duan Q, Eckardt KU, Emery LS, Evans DS, Evans MK, Fischer K, Floyd JS, Ford I, Franco OH, Frayling TM, Freedman BI, Genter P, Gerstein HC, Giedraitis V, Gonzalez-Villalpando C, Gonzalez-Villalpando ME, Gordon-Larsen P, Gross M, Guare LA, Hackinger S, Hakaste L, Han S, Hattersley AT, Herder C, Horikoshi M, Howard AG, Hsueh W, Huang M, Huang W, Hung YJ, Hwang MY, Hwu CM, Ichihara S, Ikram MA, Ingelsson M, Islam MT, Ison M, Jang HM, Jasmine F, Jiang G, Jonas JB, Jorgensen T, Kamanu FK, Kandeel FR, Kasturiratne A, Katsuya T, Kaur V, Kawaguchi T, Keaton JM, Kho AN, Khor CC, Kibria MG, Kim DH, Kronenberg F, Kuusisto J, Lall K, Lange LA, Lee KM, Lee MS, Lee NR, Leong A, Li L, Li Y, Li-Gao R, Ligthart S, Lindgren CM, Linneberg A, Liu CT, Liu J, Locke AE, Louie T, Luan J, Luk AO, Luo X, Lv J, Lynch JA, Lyssenko V, Maeda S, Mamakou V, Mansuri SR, Matsuda K, Meitinger T, Melander O, Metspalu A, Mo H, Morris AD, Moura FA, Nadler JL, Nalls MA, Nayak U, Ntalla I, Okada Y, Orozco L, Patel SR, Patil S, Pei P, Pereira MA, Peters A, Pirie FJ, Polikowsky HG, Porneala B, Prasad G, Rasmussen-Torvik LJ, Reiner AP, Roden M, Rohde R, Roll K, Sabanayagam C, Sandow K, Sankareswaran A, Sattar N, Schoneherr S, Shahriar M, Shen B, Shi J, Shin DM, Shojima N, Smith JA, So WY, Stancakova A, Steinthorsdottir V, Stilp AM, Strauch K, Taylor KD, Thorand B, Thorsteinsdottir U, Tomlinson B, Tran TC, Tsai FJ, Tuomilehto J, Tusie-Luna T, Udler MS, Valladares-Salgado A, van Dam RM, van Klinken JB, Varma R, Wachter-Rodarte N, Wheeler E, Wickremasinghe AR, van Dijk KW, Witte DR, Yajnik CS, Yamamoto K, Yamamoto K, Yoon K, Yu C, Yuan JM, Yusuf S, Zawistowski M, Zhang L, Zheng W, Program VAMV, Raffell LJ, Igase M, Ipp E, Redline S, Cho YS, Lind L, Province MA, Fornage M, Hanis CL, Ingelsson E, Zonderman AB, Psaty BM, Wang YX, Rotimi CN, Becker DM, Matsuda F, Liu Y, Yokota M, Kardia SLR, Peyser PA, Pankow JS, Engert JC, Bonnefond A, Froguel P, Wilson JG, Sheu WHH, Wu JY, Hayes MG, Ma RCW, Wong TY, Mook-Kanamori DO, Tuomi T, Chandak GR, Collins FS, Bharadwaj D, Pare G, Sale MM, Ahsan H, Motala AA, Shu XO, Park KS, Jukema JW, Cruz M, Chen YI, Rich SS, McKean-Cowdin R, Grallert H, Cheng CY, Ghanbari M, Tai ES, Dupuis J, Kato N, Laakso M, Kottgen A, Koh WP, Bowden DW, Palmer CNA, Kooner JS,

Kooperberg C, Liu S, North KE, Saleheen D, Hansen T, Pedersen O, Wareham NJ, Lee J, Kim BJ, Millwood IY, Walters RG, Stefansson K, Ahlqvist E, Goodarzi MO, Mohlke KL, Langenberg C, Haiman CA, Loos RJF, Florez JC, Rader DJ, Ritchie MD, Zollner S, Magi R, Marston NA, Ruff CT, van Heel DA, Finer S, Denny JC, Yamauchi T, Kadowaki T, Chambers JC, Ng MCY, Sim X, Below JE, Tsao PS, Chang KM, McCarthy MI, Meigs JB, Mahajan A, Spracklen CN, Mercader JM, Boehnke M, Rotter JI, Vujkovic M, Voight BF, Morris AP, Zeggini E. Genetic drivers of heterogeneity in type 2 diabetes pathophysiology. *Nature*. 2024;627(8003):347-57. PMID:38374256 PMC10937372

- 103) Shelbaya K, Arthur V, Yang Y, Dorbala P, Buckley L, Claggett B, Skali H, Dufresne L, Yang TY, Engert JC, Thanassoulis G, Floyd J, Austin TR, Bortnick A, Kizer J, Freitas RCC, Singh SA, Aikawa E, Hoogeveen RC, Ballantyne C, Yu B, Coresh J, Blaha MJ, Matsushita K, Shah AM. Large-Scale Proteomics Identifies Novel Biomarkers and Circulating Risk Factors for Aortic Stenosis. *J Am Coll Cardiol*. 2024;83(5):577-91. PMID:38296402
- 104) Ramonfaur D, Buckley LF, Arthur V, Yang Y, Claggett BL, Ndumele CE, Walker KA, Austin T, Odden MC, Floyd JS, Sanders-van Wijk S, Njoroge J, Kizer JR, Kitzman D, Konety SH, Schrack J, Liu F, Windham BG, Palta P, Coresh J, Yu B, Shah AM. High Throughput Plasma Proteomics and Risk of Heart Failure and Frailty in Late Life. *JAMA Cardiol*. 2024;9(7):649-58. PMID:38809565 PMC11137660
- 105) Levy D, Kirmani S, Huan T, Van Amburg J, Joehanes R, Uddin MM, Nguyen NQ, Yu B, Brody J, Fornage M, Bressler J, Sotoodehnia N, Ong D, Puddu F, Floyd J, Ballantyne C, Psaty B, Raffield L, Natarajan P, Conneely K, Carson A, Lange L, Ferrier K, Heard-Costa N, Murabito J, Bick A. Epigenome-wide DNA Methylation Association Study of CHIP Provides Insight into Perturbed Gene Regulation. *Res Sq*. 2024. PMID:39070619 PMC11276001
- 106) Kim H, Chen J, Prescott B, Walker ME, Grams ME, Yu B, Vasan RS, Floyd JS, Sotoodehnia N, Smith NL, Arking DE, Coresh J, Rebholz CM. Plasma proteins associated with plant-based diets: Results from the Atherosclerosis Risk in Communities (ARIC) study and Framingham Heart Study (FHS). *Clin Nutr*. 2024;43(8):1929-40. PMID:39018652 PMC11342917
- 107) Huffman JE, Nicholas J, Hahn J, Heath AS, Raffield LM, Yanek LR, Brody JA, Thibord F, Almasy L, Bartz TM, Bielak LF, Bowler RP, Carrasquilla GD, Chasman DI, Chen MH, Emmert DB, Ghanbari M, Haessler J, Hottenga JJ, Kleber ME, Le NQ, Lee J, Lewis JP, Li-Gao R, Luan J, Malmberg AL, Mangino M, Marioni R, Martinez-Perez A, Pankratz N, Polasek O, Richmond A, Rodriguez BAT, Rotter JI, Steri M, Suchon P, Trompet S, Weiss S, Zare M, Auer PL, Cho M, Christofidou P, Davies G, de Geus EJ, Deleuze JF, Delgado GE, Ekunwe L, Faraday N, Gogele M, Greinacher A, Gao H, Howard TE, Joshi PK, Kilpelainen TO, Lahti J, Linneberg A, Naitza S, Noordam R, Verges FP, Rich SS, Rosendaal FR, Rudan I, Ryan KA, Souto JCC, van Rooij FJA, Wang H, Zhao W, Becker L, Beswick A, Brown MR, Cade B, Campbell H, Cho K, Crapo J, Curran J, de Maat MPM, Doyle MF, Elliott P, Floyd JS, Fuchsberger C, Grarup N, Guo X, Harris S, Hou L, Kolcic I, Kooperberg C, Menni C, Nauck M, O'Connell JR, Orru V, Psaty BM, Raikonen K, Smith JA, Soria JM, Stott D, van Hylckama Vlieg A, Watkins H, Willemsen G, Wilson PW, Ben-Shlomo Y, Blangero J, Boomsma D, Cox SR, Dehghan A, Eriksson JG, Fiorillo E, Fornage M, Hansen T, Hayward C, Ikram MA, Jukema JW, Kardina S, Lange L, Maerz W, Mathias R, Mitchell BD, Mook-Kanamori DO, Morange PE, Pedersen O, Pramstaller PP, Redline S, Reiner AP, Ridker PM, Silverman EK, Spector TD, Volker U, Wareham N, Wilson J, Yao J, Tregouet DA, Johnson AD, Wolberg AS, de Vries PS, Sabater-Lleal M, Morrison A, Smith NL. Whole-genome analysis of plasma fibrinogen reveals population-differentiated genetic regulators with putative liver roles. *Blood*. 2024. PMID:39226462

- 108) Heckbert SR, Jensen PN, Erus G, Nasrallah IM, Rashid T, Habes M, Austin TR, Floyd JS, Schaich CL, Redline S, Bryan RN, Costa MD. Heart rate fragmentation and brain MRI markers of small vessel disease in MESA. *Alzheimers Dement*. 2024;20(2):1397-405. PMID:38009395 PMC10917025
- 109) Hazlehurst B, Carrell DS, Bann MA, Nelson J, Gruber S, Slaughter M, Cronkite DJ, Ball R, Floyd JS. Finding uncoded anaphylaxis in electronic health records to estimate the sensitivity of International Classification of Diseases, Tenth Revision, Clinical Modification codes. *Am J Epidemiol*. 2024;193(10):1494-6. PMID:38751242
- 110) Harrington LB, Powers JD, Bayliss EA, Fortmann SP, Shortreed SM, Walker RL, Floyd JS, Kuntz J, Fuller S, Alberston-Junkans L, Lee MH, Temposky LA, Dublin S. Current use of estrogen-containing oral contraceptives or hormone therapy and risk of COVID-19 infection and hospitalization: a population-based cohort study. *Am J Epidemiol*. 2024;193(10):1417-25. PMID:38751326
- 111) Hageman SHJ, Kaptoge S, de Vries TI, Lu W, Kist JM, van Os HJA, Numans ME, Lall K, Bobak M, Pikhart H, Kubinova R, Malyutina S, Pajak A, Tamosiunas A, Erbel R, Stang A, Schmidt B, Schramm S, Bolton TR, Spackman S, Bakker SJL, Blaha M, Boer JMA, Bonnefond A, Brenner H, Brunner EJ, Cook NR, Davidson K, Dennison E, Donfrancesco C, Dorr M, Floyd JS, Ford I, Fu M, Gansevoort RT, Giampaoli S, Gillum RF, Gomez-de-la-Camara A, Haheim LL, Hansson PO, Harms P, Humphries SE, Ikram MK, Jukema JW, Kavousi M, Kiechl S, Kucharska-Newton A, Pablos DL, Matsushita K, Meyer HE, Moons KGM, Mortensen MB, Muilwijk M, Nordestgaard BG, Packard C, Pamieri L, Panagiotakos D, Peters A, Potier L, Providencia R, Psaty BM, Ridker PM, Rodriguez B, Rosengren A, Sattar N, Schottker B, Schwartz JE, Shea S, Shipley MJ, Sofat R, Thorand B, Verschuren WMM, Volzke H, Wareham NJ, Westbury L, Willeit P, Zhou B, Danesh J, Visseren FLJ, Di Angelantonio E, Pennells L, Dorresteijn JAN. Prediction of individual lifetime cardiovascular risk and potential treatment benefit: development and recalibration of the LIFE-CVD2 model to four European risk regions. *Eur J Prev Cardiol*. 2024;31(14):1690-9. PMID:38752762 PMC11464100
- 112) Carrell DS, Floyd JS, Gruber S, Hazlehurst BL, Heagerty PJ, Nelson JC, Williamson BD, Ball R. A general framework for developing computable clinical phenotype algorithms. *J Am Med Inform Assoc*. 2024;31(8):1785-96. PMID:38748991 PMC11258420
- 113) Alver SK, Pan S, Mossavar-Rahmani Y, Sotres-Alvarez D, Evenson KR, Floyd JS, Xanthakis V, Lin J, Cuthbertson C, Gallo LC, Cai J, Penedo FJ, Llabre MM, Matsushita K, Talavera GA, Pirzada A, Spartano N, Daviglus ML, Vasan RS, Kaplan RC. Physical Activity, Cardiovascular Status, Mortality, and Prediabetes in Hispanic and Non-Hispanic Adults. *JAMA Netw Open*. 2024;7(6):e2415094. PMID:38842811 PMC11157354
- 114) Zhang Y, Luo K, Peters BA, Mossavar-Rahmani Y, Moon JY, Wang Y, Daviglus ML, Van Horn L, McClain AC, Cordero C, Floyd JS, Yu B, Walker RW, Burk RD, Kaplan RC, Qi Q. Sugar-sweetened beverage intake, gut microbiota, circulating metabolites, and diabetes risk in Hispanic Community Health Study/Study of Latinos. *Cell Metab*. 2025. PMID:39892390
- 115) Oelsner EC, Krishnaswamy A, Rustamov R, Balte PP, Ali T, Allen NB, Andrews HF, Anugu P, Arynchyn A, Bateman LA, Cai J, Chang H, Chen L, Elkind MSV, Floyd JS, Gabriel KP, Gharib SA, Gutierrez JD, Stukovsky KH, Howard VJ, Isasi CR, Jager L, Jin L, Judd SE, Kanaya AM, Kandula NR, Kelly MR, Khan SS, Kucharska-Newton A, Lee JS, Levitan EB, Lewis CE, Make BJ, Malloy K, Manly JJ, Mauger D, Min YI, Murabito JM, Murphy CG, Norwood AF, O'Connor

GT, Ortega VE, Patel AA, Pirzada A, Regan EA, Ring KB, Rosamond WD, Schwartz DA, Shikany JM, Sotres-Alvarez D, Tarlton C, Tse J, Meneses EMU, Vankineni M, Wenzel SE, Woodruff PG, Xanthakis V, Yang JH, Zakai NA, Zhang Y, Post WS. Classifying COVID-19 hospitalizations in epidemiology cohort studies: The C4R study. PLoS One. 2025;20(2):e0316198. PMID:39928595 PMC11809881

- 116) Iyer KR, Clarke SL, Guarischi-Sousa R, Gjoni K, Heath AS, Young EP, Stitzel NO, Laurie C, Broome JG, Khan AT, Lewis JP, Xu H, Montasser ME, Ashley KE, Hasbani NR, Boerwinkle E, Morrison AC, Chami N, Do R, Rocheleau G, Lloyd-Jones DM, Lemaitre RN, Bis JC, Floyd JS, Kinney GL, Bowden DW, Palmer ND, Benjamin EJ, Naylor M, Yanek LR, Kral BG, Becker LC, Kardia SLR, Smith JA, Bielak LF, Norwood AF, Min YI, Carson AP, Post WS, Rich SS, Herrington D, Guo X, Taylor KD, Manson JE, Franceschini N, Pollard KS, Mitchell BD, Loos RJF, Fornage M, Hou L, Psaty BM, Young KA, Regan EA, Freedman BI, Vasan RS, Levy D, Mathias RA, Peyser PA, Raffield LM, Kooperberg C, Reiner AP, Rotter JI, Jun G, de Vries PS, Assimes TL. Unveiling the Genetic Landscape of Coronary Artery Disease Through Common and Rare Structural Variants. J Am Heart Assoc. 2025:e036499. PMID:39950338

16C. BIBLIOGRAPHY: Other Publications in Refereed Journals

- 117) Wagner GS, Johanson P, Weston P, **Floyd J**, Jennings R. The supplementary effect of QRS changes on the inverse relationship between ST changes and Salvage. Journal of Electrocardiology. 2003;36(Suppl):13-16.
- 118) Laskowitz DT, Blessing R, **Floyd J**, White WD, Lynch JR. Panel of biomarkers predicts stroke. Annals of the New York Academy of Sciences. 2005;1053:30.
- 119) **Floyd JS**, Wolfe SM, Angell M. The role of tax reform in health care reform. JAMA. 2009;301:1226 [Letter].
- 120) **Floyd J**, Wolfe SM. Prasugrel STEMI subgroup analysis. Lancet. 2009;373:1845-1846 [Letter].
- 121) **Floyd J**. Effect of dronedarone on cardiovascular events in atrial fibrillation. N Engl J Med. 2009;360:2480 [Letter].
- 122) **Floyd JS**, Heckbert S. Trial of lorcaserin for weight management. N Engl J Med. 2010;363:2469-2470 [Letter].
- 123) **Floyd JS**, Psaty BM. Observational comparative effectiveness studies of drug therapies: High-quality answers or important clinical questions? Archives of Internal Medicine. 2012;172:1412-1414. PMID: 22928183 PMCID: PMC3597449 [Editorial]
- 124) **Floyd JS**. Beta-blockers for secondary prevention in stable coronary artery disease: can observational studies provide valid answers? Heart. 2014;100:1741-2. PMID: 25060756 PMCID: PMC4230439 [Editorial]
- 125) Dublin S, Walker RL, **Floyd JS**, Shortreed SM, Fuller S, Albertson-Junkans L, Harrington LB, Greenwood-Hickman MA, Green BB, Psaty BM. Response to "ACE-2 Downregulation and Incidence of Severe Acute Respiratory Syndrome-Coronavirus-2 (SARS-CoV-2) Infection". Am J Hypertens. 2021;34(4):427. PMID: 33320177 [Letter]

- 126) Gruber S, Carrell DS, **Floyd JS**, Nelson JC, Hazlehurst BL, Heagerty PJ. Letter to the Editor re Beachler, et al, 2021. *Pharmacoepidemiol Drug Saf.* 2021;30:1735-1736. PMID: 34409675 [Letter]
- 127) **Floyd JS**, Gurber S, Carrell DS, Bann MA. The Authors Respond. *Epidemiology.* 2022;33:e2-e3. PMID: 34847087 [Letter]

16E. BIBLIOGRAPHY: Book Chapters

- 128) Edington MD, **Floyd JS**, Zhang B, Haralampus-Grynaviski N, Ye T, Zheng B, Simon JD. Femtosecond pump-probe studies of radiationless decay dynamics in arthropod and mollusc hemocyanin. In *Ultrafast Phenomena XII*; Elsaesser, T., Ed; New York: Springer-Verlag, pg. 692-694, 2001.

16F. BIBLIOGRAPHY: Selected abstracts presented at national meetings

- 129) **Floyd J**, Blessing R, White W, Lynch J, Laskowitz D. A panel of biomarkers accurately predicts the diagnosis of acute ischemic stroke. American Heart Association International Stroke Conference, San Diego, CA, February 2004.
- 130) **Floyd J**, Blessing R, Lynch J, Alexander M, Friedman A, Laskowitz D. A panel of biomarkers accurately predicts vasospasm after subarachnoid hemorrhage. American Association of Neurological Surgeons Annual Scientific Meeting, Orlando, FL, May 2004.
- 131) **Floyd J**, Marciante K, Heckbert S, Weiss N, Kaspera R, Totah R, Tamraz B, Kwok PY, Psaty B. An epidemiologic study of potential drug-drug interactions and rhabdomyolysis in statin users. American Heart Association Epidemiology and Prevention Scientific Sessions, Atlanta, GA, March 2011.
- 132) **Floyd JS**, Heckbert SR, Weiss NS, Carell DS, Psaty BM. The use of administrative and natural language processing to estimate the incidence of statin-related rhabdomyolysis. American Heart Association Epidemiology and Prevention Scientific Sessions, San Diego, CA, March 2012.
- 133) **Floyd JS**, Heckbert SR, Weiss NS, Carell DS, Psaty BM. The use of administrative and natural language processing to estimate the incidence of statin-related rhabdomyolysis. HMO Research Network Annual Conference, Seattle, WA, May 2012.
- 134) **Floyd JS**, Smith AV, Kabasi S, Evans DS, Li X, Trompet S, Noordam R. Genome-wide association study of drug-gene interactions using repeated measures: sulfonylureas and the QT-interval. CHARGE Consortium 2013 Investigator Meeting, Rotterdam, Netherlands, June 2013.
- 135) **Floyd JS**, Wiggins KL, Dublin S, Longstreth WT, Smith NL, McKnight B, Heckbert SR, Weiss NS, Psaty BM. Oral therapies for type 2 diabetes in combination with long-acting insulin and the risks of myocardial infarction and stroke. Elizabeth Barrett-Conner Award for Young Investigators Finalist, oral presentation. American Heart Association Scientific Sessions, Orlando, FL, Nov 2015.
- 136) **Floyd JS**, Citlani CM, Avery CL, Whitsel EA, Lange L, Smith AV, Evans DS, Li X, Trompet S, Noordam R, Stricker B. Large-scale meta-analysis of diverse ancestry genome-wide association studies to identify pharmacogenomic interactions of sulfonylureas and ECG phenotypes. CHARGE Consortium 2016 Investigator Meeting, Houston, TX, January 2016.

- 137) **Floyd JS**, Citlani CM, Avery CL, Whitsel EA, Lange L, Smith AV, Evans DS, Li X, Trompet S, Noordam R, Stricker B. Large-scale meta-analysis of diverse ancestry genome-wide association studies to identify pharmacogenomic interactions of sulfonylureas and ECG phenotypes. American Heart Association Epidemiology and Prevention Scientific Sessions, Phoenix, AZ, March 2016.
- 138) **Floyd JS**, Carrell DS, Bann MA, Gruber S, Johnson RL, Graham VF, Bejan CA, Ma Y, Kennedy A, Shinde M, Ball R, Nelson JC. Improving identification of anaphylaxis. International Conference on Pharmacoepidemiology, September 2020.
- 139) Austin TR, Brody JA, Bis JC, Sitlani CM, Wiggins KL, Heckbert SR, Gerszten RE, Psaty BM, **Floyd JS**. Plasma Proteomics and Atrial Fibrillation: the Cardiovascular Health Study. CHARGE Consortium 2021 Investigator Meeting, October 2021.
- 140) Huber MP, Pandit JA, Jensen PN, Wiggins KL, Patel RB, Freed BH, Bertoni AG, Shah SJ, Heckbert SR, **Floyd JS**. Left Atrial Strain And The Risk Of Arrhythmias On Extended Ambulatory Cardiac Monitoring: The Multi-ethnic Study Of Atherosclerosis. American Heart Association Scientific Sessions, Boston, MA, October 2021.
- 141) Huber MP, Bis JC, Brody JA, Sitlani CM, Austin TR, Limonte CP, Katz DH, Gerszten RE, Tracy RP, Psaty BM, **Floyd JS**. Plasma Proteomics and Incident Coronary Heart Disease: the Cardiovascular Health Study. American Heart Association Epidemiology and Prevention Scientific Sessions, Chicago, IL, March 2022.