

CURRICULUM VITAE
Pamela L. Lutsey PhD

IDENTIFYING INFORMATION

Academic Rank

Professor in Epidemiology and Community Health
Graduate Faculty Appointments: Epidemiology, Clinical Research

Degrees Awarded

<u>Degree</u>	<u>Institution</u>	<u>Date</u>
Ph.D.	University of Minnesota, Epidemiology, Biological emphasis	2008
M.P.H.	University of Minnesota, Epidemiology	2005
B.S.	Iowa State University, Community Health Education, Biology Minor	2002
B.A.	Iowa State University, Psychology	2002

Employment and Professional Experiences

6/2022-Present	Professor - University of Minnesota, Twin Cities Campus
6/2016-6/2022	Associate Professor - University of Minnesota, Twin Cities Campus
6/2011-6/2016	Assistant Professor - University of Minnesota, Twin Cities Campus
9/2008-6/2011	Research Associate - University of Minnesota, Twin Cities Campus
9/2005-8/2008	Predoctoral Fellow - University of Minnesota, Twin Cities Campus
9/2005-12/2005	Teaching Assistant - University of Minnesota, Twin Cities Campus
9/2004-8/2005	Research Assistant - University of Minnesota, Twin Cities Campus
6/2004-8/2004	NEW AID Fellow/WHO Intern - BRAC and the Bangladeshi National Tuberculosis Programme
9/2003-5/2005	Upward Bound Lead Instructor - University of Minnesota, Twin Cities Campus
9/2003-5/2004	Research Assistant - University of Minnesota, Twin Cities Campus
9/2002-8/2003	U.S. Fulbright Scholar - International Rice Research Institute, Los Banos, Philippines
6/2002-8/2002	Experimental study of nutrition intensive training course – Instituto de Investigacion Nutricional, Lima, Peru
3/2002	Service-Learning/Missions Trip - Mattru Hospital, Mattru, Sierra Leone, West Africa
9/2001-5/2002	Research Assistant - Iowa State University, Ames, IA, Department of Health and Human Performance
9/2001-12/2001	Supplemental Instructor - Iowa State University, Ames, IA
6/2001-8/2001	Nationally Sponsored Intern - American Cancer Society's South Asian Outreach Project, Queens, NY
3/2001-5/2001	Research Assistant - Iowa State University, Ames, IA, Department of Health and Human Performance
9/2000-12/2000	Research Assistant - Mississippi State, Starkville, MS
5/2000-8/2000	Research Assistant - Iowa State University, Ames, IA, Department of Health and Human Performance
5/2000-8/2000	ISU-China Study Abroad Program - Zhejiang University (Hangzhou) and CAAS University (Beijing) China
5/2000-8/2000	Intern - WiSE (Women in Science & Engineering)

Current Memberships in Professional Organizations

2007-present	American Heart Association
2007-present	American Stroke Association
2007-present	UMN Deborah E. Powell Center for Women's Health

2007-present	Society for Epidemiologic Research
2018-present	International Society on Thrombosis and Haemostasis (ISTH)
2018-present	International Society for Pharmacoepidemiology (ISPE)
2018-present	UMN Lillehi Heart Institute
2019-present	UMN Population Center
2021-present	UMN Cancer Center

RESEARCH AND SCHOLARSHIP

Honors and Awards

University of Minnesota, Minneapolis, MN, Division of Epidemiology & Community Health

Since Faculty Appointment

2020 and 2021	Award for Distinguished Editorial Service, Journal of Research and Practice in Thrombosis and Haemostasis
2017	Fellow of the American Heart Association, conferred by the Council on Epidemiology and Prevention
2014-2016	McKnight Land-Grant Professorship
2012-2014	Appointed to American Heart Association Early Career Committee Council on Epidemiology and Prevention
2012	Multi-Ethnic Study of Atherosclerosis Young Investigator Award

Prior to Faculty Appointment

2008	Lester Breslow Scholar Award
2005-2008	Predoctoral Fellow – Cardiovascular Disease Epidemiology & Prevention
2003-2005	School of Public Health Scholar

Iowa State University, Ames, IA, Department of Health and Human Performance

2002	Graduated with Honors and Distinction
2002	Wallace E. Barron All-University Senior Award
2002	Community Health Education - Top Senior Award
2001	Cardinal Key Honor Society
2001	Mortar Board Honor Society
2001	Eta Sigma Gamma - Public Health Honorary
2001	University Honors Research Grant
2001	Stewart Research Award
9/2000-12/2000	Scholars & Leaders - Upper 2% of graduating class
2000	Phi Kappa Phi Honor Society
1999	Golden Key Honor Society
1999	Awarded a Women in Science and Engineering (WiSE) Internship
1998-2002	University Honors Program
1998-2002	Dean's List – Each of my 8 semesters

Grants & Contracts

Title	Sponsor	Role	Dates Funded	Award
Active				
<i>The Atherosclerosis Risk in Communities (ARIC) Study - Field Center (Task A)</i>	NIH/NHLBI Contract 75N92022D00003 Task Order No. 75N92022F00001	Principal Investigator	11/15/2021- 11/14/2028	Total: \$8,317,737 Direct: \$5,366,283 Indirect: \$2,951,454
<i>The Atherosclerosis Risk in Communities (ARIC) Study - Field Center (Task B)</i>	NIH/NHLBI Contract 75N92022D00003 Task Order No. 75N92024F00001	Principal Investigator	11/15/2023- 11/14/2025	Total: \$1,092,928 Direct: \$705,115 Indirect: \$387,813
<i>Mentoring and Research in Patient-Oriented Cardiovascular Pharmacoepidemiology</i>	NIH/NHLBI K24HL159246	Principal Investigator	07/01/2021- 06/30/2026	Total: \$531,136 Direct: \$491,794 Indirect: \$39,342
<i>Cardiovascular Disease Epidemiology & Prevention: T32 Training Grant</i>	NIH/NHLBI T32HL007779	Multiple Principal Investigator (MPI): MPIs: Pankow, James; Lutsey, Pamela	07/01/2024- 06/30/2029	Total: \$2,624,202 Direct: \$2,490,274 Indirect: \$133,928
<i>ARIC Neurocognitive Study (ARIC-NCS) Renewal: 2023-2028</i>	NIH/NHLBI, NIA, NINDS, NIDCD 2U01HL096812-13 Subcontract	Site Principal Investigator MPIs: Coresh, Josef; Mosley, Thomas	04/01/2024 – 03/31/2029	Total: \$4,097,728 Direct: \$2,643,695 Indirect: \$1,454,033
<i>ARIC Neurocognitive Study (ARIC-NCS) Renewal</i>	NIH/NHLBI, NIA, NINDS, NIDCD U01 HL096812 Subcontract to Johns Hopkins University	Site Principal Investigator MPIs: Coresh, Josef; Gottesman, Rebecca	09/26/2019- 11/31/2024 (NCE)	Total: \$5,150,706 Direct: \$3,344,614 Indirect: \$1,806,092
<i>Early Detection of Transthyretin Cardiac Amyloidosis: Defining a Novel Target for HFpEF Treatment and Prevention in Late Life</i>	NIH/NHLBI R01HL150342 Subcontract to Brigham and Women's Hospital	Subcontract Principal Investigator (effective 7/1, 2021) Co-Investigator Prior MPI: Dorbala, Sharmila; Shah, Amil	03/01/2020- 01/31/2024	Total: \$421,676 Direct: \$320,754 Indirect: \$100,922
<i>Quantifying the Breadth and Duration of Immunity Induced by Meningococcal B Vaccine</i>	NIH/NIAID R01AI132496 Subcontract to McGill University	Subcontract Principal Investigator PI: Basta, Nicole	01/01/2018- 12/31/2022 (Subcontract dates 01/01/2020- 12/31/2022)	Total: \$642,335 Direct: \$415,686 Indirect: \$226,649

Title	Sponsor	Role	Dates Funded	Award
<i>Contributions of Sleep to Preclinical and Clinical Alzheimer's Disease</i>	NIH R01AG062531 Subcontract UT Health Center San Antonio	Subcontract Principal Investigator MPI: Himali, Jayandra; Pase, Matthew	04/01/2020-02/28/2022	Total: \$305,228 Direct: \$198,200 Indirect: \$107,028
<i>Prognostic Implications of Home-based Blood Pressure Monitoring in Older Adults</i>	NIH/NHLBI R01HL158622 Subcontract to Beth Israel Deconess	Subcontract Principal Investigator PI: Juraschek, Stephen	07/01/2021-05/31/2026	Total: \$519,228 Direct: \$334,986 Indirect: \$184,242
<i>Glucose Instability and Neurocognitive Outcomes in Older Adults</i>	NIH/NIA RF1AG074044 Subcontract to Johns Hopkins University	Subcontract Principal Investigator PI: Selvin, Elizabeth	09/01/2021-08/31/2024	Total: \$255,619 Direct: \$164,916 Indirect: \$90,703
<i>Clinical Implications of Blood Pressure Patterns Among Older Adults</i>	NIH/NHLBI R01HL153191 Subcontract to Beth Israel Deconess	Subcontract Principal Investigator PI: Juraschek, Stephen	09/01/2021-08/31/2026	Total: \$456,933 Direct: \$294,924 Indirect: \$162,009
<i>Clinical Relevance of Glucose Patterns in Older Adults</i>	NIH/NIDDK R01DK128837 Subcontract to Johns Hopkins University	Subcontract Principal Investigator PI: Selvin, E.	04/2022-02/2025	Total: \$246,363 Direct: \$159,011 Indirect: \$87,352
<i>Late-Life Trajectories of Cardiac Function to Define Pathways of Cardiac Resilience</i>	NIH R01HL135008 Subcontract to UT Southwestern Medical Center	Subcontract Principal Investigator PI: Shah, A.	08/2023-05/2027	Total: \$733,170 Direct: \$473,013 Indirect: \$260,157
<i>Multi-Ethnic Study of Atherosclerosis - Field Center</i>	NIH/NHLBI 75N92020D00006 75N92020F00001	Co-Investigator PI: Pankow, James	12/19/2019-12/18/2024	Total: \$1,286,654 Direct: \$834,222 Indirect: \$452,432
<i>Epidemiology of Venous Thrombosis and Pulmonary Embolism</i>	NIH/NHLBI R01HL059367	Co-Investigator PI: Folsom, Aaron	03/15/2021-02/28/2025	Total: \$817,909 Direct: \$555,544 Indirect: \$262,365
<i>Leukocyte Telomere Length, Mitochondrial DNA Copy Number, Plasma Proteomics, and Alzheimer's Disease-related Dementia</i>	NIH R21AG072530	Co-Investigator PI: Tang, Weighong	07/01/2021-05/31/2025	Total: \$385,204 Direct: \$260,966

Title	Sponsor	Role	Dates Funded	Award
<i>Glucose Patterns and Cardiac Arrhythmias in Older Adults with Diabetes</i>	NIH/NHLBI R01HL158022 Subcontract to Johns Hopkins University	Subcontract Co-Investigator MPIs: Selvin, Elizabeth; Chen, Lin Yee	04/01/2022-03/31/2026	Total: \$948,385
<i>Collaborative Cohort of Cohorts for COVID Research</i>	NIH/NHLBI RTI 22-31-0217571-66178 Subcontract to Columbia University	Subcontract Co-Investigator PI: Demmer, Ryan	10/1/2020-05/31/2022	Total: \$489,306 Direct: \$317,302 Indirect: \$172,004
<i>Proteomic Aging Clock and Brain Structure, Cognitive Decline and the Risk of Alzheimer's Disease and Related Dementias</i>	NIH/NIA R21AG079242	Co-Investigator PI: Prizment, A.; Sedaghat, S	09/2022-08/2024	Total: \$400,146
<i>Identification of Plasma Lipoprotein Proteins and Lipids as Biomarkers of Innate-Immunity and Vascular Contributions to Alzheimer's Disease and Alzheimer's Disease-Related Dementias in Older Adults</i>	NIH/NIA RF1AG079100	Co-Investigator PI: Li, Danni	06/2023-05/2026	Total: \$2,232,476
<i>Early Onset Alzheimer's Disease and Related Dementias</i>	NIH/NIA R01AG079108	Co-Investigator PI: Sedaghat, S.	06/2023-02/2027	Total: \$2,849,992
<i>Social Determinants of Sleep and Obesity: Disparities in African Americans</i>	NA: In-Kind	Co-Investigator	10/2022-11/2025	Total: \$1,997* *Estimated Dollar Value of In-Kind Information
Past				
<i>Contemporary Venous Thromboembolism Treatment</i>	NIH/NHLBI R01HL131579	Principal Investigator	07/01/2017-11/30/2022	Total: \$1,943,106 Direct: \$1,444,703 Indirect: \$498,403
<i>Atherosclerosis Risk in Communities (ARIC) Study - Minneapolis Field Center</i>	NIH/NHLBI HHSN268201700003I	Co-Investigator PI: Folsom, Aaron	11/15/2016-11/14/2022	Total: \$4,284,126 Direct: \$2,794,289 Indirect: \$1,489,837
<i>Clinical Implications of Blood Pressure Patterns Among Older Adults</i>	NIH R56 HL153191 Subcontract to Beth Israel Deaconess Medical Center	Subcontract Principal Investigator PI: Juraschek, Stephen	09/25/2020-08/31/2021	Total: \$123,140 Direct: \$79,575 Indirect: \$43,565
<i>Multi-Ethnic Study of Atherosclerosis - Field Center</i>	NIH HHSN268201500003I	Co-Investigator PIs: Folsom, Aaron then Pankow, James	08/15/2015-08/14/2021	Total: \$1,917,201 Direct: \$1,265,211

Title	Sponsor	Role	Dates Funded	Award
	Subcontract to Washington University			Indirect: \$651,990
<i>Epidemiology of Venous Thrombosis and Pulmonary Embolism</i>	NIH/NHLBI R01HL059367	Co-Investigator PI: Folsom, Aaron	04/01/2017-03/14/2021	Total: \$1,961,020 Direct: \$1,582,289 Indirect: \$378,731
<i>Atherosclerosis Risk in Communities (ARIC) - Field Center Cohort Visit 7</i>	NIH/NHLBI HHSN268201700003I Order# HHSN26800003	Co-Investigator PI: Folsom, Aaron	11/01/2017-12/15/2020	Total: \$1,169,985 Direct: \$684,870 Indirect: \$485,114
<i>Changes in Arterial Stiffness, Cognition and Dementia Risk in a Diverse Cohort (PWV)</i>	NIH R01AG053938 Subcontract to University of North Carolina Chapel Hill	Co-Investigator PI: Heiss, Gerardo	09/15/2016-04/30/2020	Total: \$266,301 Direct: Indirect:
<i>ARIC Neurocognitive Study (ARIC-NCS)</i>	NIH/NHLBI U01HL096902-08	Site Principal Investigator	09/01/2015-06/30/2020	Total: \$3,370,605 Direct: \$2,262,618 Indirect: \$1,107,987
<i>Multi-Ethnic Study of Atherosclerosis (MESA) (Bridge to next contract)</i>	NIH HHSN2682015000031 Subcontract to University of Washington	Co-Investigator PI: Pankow, James	08/15/2019-12/18/2019	Total: \$149,605 Direct: \$97,146 Indirect: \$52,459
<i>Atrial Fibrillation Treatment in Older Adults</i>	NIH R21AG058445 Subcontract to Emory University	Subcontract Principal Investigator PI: Alonso, Alvaro	12/01/2017-11/30/2019	Total: \$104,593 Direct: \$68,046 Indirect: \$36,547
<i>Comparative Effectiveness of Oral Anticoagulants in Atrial Fibrillation</i>	NIH R01HL122200 Subcontract to Emory University	Subcontract Principal Investigator (effective 6/1/2016); Co-Investigator Prior PI: Alonso, Alvaro	07/01/2016-02/28/2019	Total: \$756,949 Direct: \$502,341 Indirect: \$254,608
<i>Multi-Ethnic Study of Atherosclerosis (MESA) Task Order 01: Study Planning & Infrastructure</i> HHSN2682015000031 Subcontract to University of Washington	NIH PI: Pankow, James	Co-Investigator	08/15/2015-08/14/2019	Total: \$2,308,055 Direct: \$1,522,352 Indirect: \$785,703
<i>MESA Task Order 2: Cohort Exam 6</i>	NIH HHSN2682015000031	Co-Investigator PI: Folsom, Aaron	01/01/2016-07/31/2018	Total: \$542,901 Direct: \$356,310

Title	Sponsor	Role	Dates Funded	Award
	Subcontract to University of Washington			Indirect: \$186,591
<i>Serum Vitamin D and Cardiovascular Disease Risk in the Biethnic ARIC Cohort</i>	NIH/NHLBI R01HL103706	Principal Investigator	06/13/2011-05/31/2017	Total: \$2,278,052 Direct: \$1,621,577 Indirect: \$656,475
<i>Administrative Supplement - Serum Vitamin D and Cardiovascular Disease Risk in the Biethnic ARIC Cohort</i>	NIH Office of Dietary Supplements R01HL103706-S1	Principal Investigator	06/01/2012-05/31/2016	Total: \$364,083 Direct: \$280,433 Indirect: \$83,650
<i>Identifying Epidemiological Risk Factors for Abdominal Aortic Aneurysm</i>	NIH/NHLBI R01HL103695	Co-Investigator PI: Tang, Weihong	04/01/2011-02/28/2017	Total: \$2,275,668 Direct: \$1,825,961 Indirect: \$449,707
<i>Sleep Disordered Breathing and Incident Cognitive Decline: The ARIC Study</i>	NIH/NHLBI R21HL121412	Principal Investigator	09/20/2013-07/31/2016	Total: \$220,248 Direct: \$144,900 Indirect: \$75,348
<i>The Role of Vitamin D in Retinal Diseases in Aging</i>	NIH R01AG041776 Subcontract to the State University of New York Buffalo	Subcontract Principal Investigator PI: Millen, Amy	04/01/2012-03/31/2016	Total: \$50,619 Direct: \$33,523 Indirect: \$17,096
<i>The association of 25-hydroxyvitamin D with subclinical and clinical cerebrovascular disease and cognition: the ARIC Brain MRI ancillary study</i>	NIH R01NS072243 Subcontract to Johns Hopkins University	Subcontract Principal Investigator PI: Michos, Erin D.	03/01/2011-02/29/2016	Total: \$242,311 Direct: \$163,169 Indirect: \$79,142
<i>Association of Sleep & Circadian Disorders with CVD Health Across Ethnic Groups</i>	Brigham and Women's Hospital	Subcontract Principal Investigator PI: Redline, Susan	07/05/2010-04/30/2015	Total: \$768,978 Direct: \$522,431 Indirect: \$246,547
<i>Comparative Effectiveness of New Oral Anticoagulants in Atrial Fibrillation</i>	University of Minnesota R2R Mechanism	Co-Investigator PI: Alonso, Alvaro	03/01/2013-02/28/2015	Total: \$75,000 Direct: Indirect:
<i>Effectiveness of Dabigatran in Atrial Fibrillation</i>	University of Minnesota	Co-Investigator PI: Alonso, Alvaro	01/01/2013-12/31/2013	Total: \$27,500 Direct: Indirect:

ARIC Study Leadership

7/2016 – 8/2019	Member: ARIC Recruitment Committee
7/2017 – present	Member: ARIC Neurocognitive Study Steering Committee
8/2019 – present	Chair: ARIC NCS Operations
8/2019 – present	Member: ARIC Imaging Committee
11/2022 – present	Member: ARIC Executive and Steering Committees

Publications

Book Chapters

1. Reis JP and **Lutsey PL**. Vitamin D: Cardiovascular Disease. In: *Vitamin D: Oxidation, Immunity & Aging*, Adrian F. Gombart (Ed) (2013):CRC Press Taylor & Francis Group, Boca Raton.

Letters

1. Alonso A, **Lutsey PL**, Chen LY, MacLehose RF, Bengtson LGS. Questions in the comparative effectiveness of dabigatran and warfarin in atrial fibrillation [Reply to “Letter to the Editor”]. *Journal of Cardiology* 2017;70(1):99-100. PMID: PMC5550293
2. Alonso A, MacLehose RF, Chen LY, Bengtson LGS, Chamberlain AM, Norby FL, **Lutsey PL**. Oral anticoagulants and liver injury: The threat of uncontrolled confounding [Letter]. *Heart* 2018;104(1):84.
3. Folsom AR, Basu S, Hong C-P, Heckbert SR, **Lutsey PL**, Rosamond WD, Cushman M. The Reply [Invited]. Reasons for differences in the incidence of venous thromboembolism in black versus white Americans. *American Journal of Medicine*, 2019;132(11):e807.
4. **Lutsey PL**, Norby FN, Alonso A. Author response to: Oral Anticoagulants and Fracture: PPI co-pharmacy confounder? *JAMA Internal Medicine*, 2020;180(4):617-618.

Refereed Journal Articles

+ indicates the first author is a student for whom I was the primary mentor

1. **Lutsey PL**, Dawe D, Villate E, Valencia S, Lopez O. Iron supplementation compliance among pregnant women in Bicol, Philippines. *Public Health Nutrition*. 2008;11(1):76-82. [No PMID: PMC required; published prior to 04/07/2008]
2. **Lutsey PL**, Cushman M, Steffen LM, Green D, Barr RG, Herrington D, Ouyang P, Folsom AR. Plasma hemostatic factors and endothelial markers in four racial/ethnic groups: The MESA study. *Journal of Thrombosis and Haemostasis*. 2006;4(12):2629-2635. [No PMID: PMC required; published prior to 04/07/2008]
3. **Lutsey PL**, Steffen LM, Feldman HA, Hoelscher DH, Webber LS, Luepker RV, Lytle LA, Zive M, Osganian SK. Serum homocysteine is related to food intake in adolescents: The Child and Adolescent Trial for Cardiovascular Health. *American Journal of Clinical Nutrition*. 2006;83(6):1380-1386. PMID: PMC2430626
4. **Lutsey PL**, Jacobs DR Jr, Kori S, Mayer-Davis E, Shea S, Steffen LM, Szklo M, Tracy R. Whole grain intake and its cross-sectional association with obesity, insulin resistance, inflammation, diabetes and subclinical CVD: The MESA Study. *British Journal of Nutrition*. 2007;98(2):397-405. [No PMID: PMC required; published prior to 04/07/2008]
5. **Lutsey PL**, Diez Roux AV, Jacobs DR Jr, Burke GL, Harman J, Shea S, Folsom AR. (2008). Associations of acculturation and socioeconomic status with subclinical cardiovascular disease in the multi-ethnic study of atherosclerosis. *American Journal of Public Health*. 2008; 98(11):1963-1970. PMID: PMC2575668
6. **Lutsey PL**, Steffen LM, Stevens J. Dietary intake and the development of the metabolic syndrome: The Atherosclerosis Risk in Communities study. *Circulation*. 2008;117(6):754-761. [No PMID: PMC required; published prior to 04/07/2008]

7. Duprez DA, Jacobs DR Jr, **Lutsey PL**, Herrington D, Prime D, Ouyang P, Barr RG, Bluemke DA. Race/ethnic and sex differences in large and small artery elasticity--results of the multi-ethnic study of atherosclerosis (MESA). *Ethnicity and Disease*. 2009;19(3):243-250. PMID: PMC2924814
8. Folsom AR, Delaney JA, **Lutsey PL**, Zakai NA, Jenny NS, Polak JF, Cushman M. Associations of factor VIIIc, D-dimer, and plasmin-antiplasmin with incident cardiovascular disease and all-cause mortality. *American Journal of Hematology*. 2009;84(6):349-353. PMID: PMC2950108
9. Folsom AR, **Lutsey PL**, Astor BC, Cushman M. C-reactive protein and venous thromboembolism: A prospective investigation in the ARIC cohort. *Thrombosis and Haemostasis*. 2009;102(4):615-619. PMID: PMC2810122
10. Lemelin ET, Diez Roux AV, Franklin TG, Carnethon M, **Lutsey PL**, Ni H, O'Meara E, Shrager S. Life-course socioeconomic positions and subclinical atherosclerosis in the multi-ethnic study of atherosclerosis. *Social Science and Medicine*. 2009;68(3):444-451. PMID: PMC5444463
11. **Lutsey PL**, Folsom AR, Heckbert SR, Cushman M. Peak thrombin generation and subsequent venous thromboembolism: The Longitudinal Investigation of Thromboembolism Etiology (LITE) study. *Journal of Thrombosis and Haemostasis*. 2009;7(10):1639-1648. PMID: PMC2763356
12. **Lutsey PL**, Pankow JS, Bertoni AG, Szklo M, Folsom AR. Serological evidence of infections and Type 2 diabetes: The Multi-Ethnic Study of Atherosclerosis. *Diabetic Medicine*. 2009;26(2):149-152. PMID: PMC2679689
13. **Lutsey PL**, Steffen LM, Virnig BA, Folsom AR. Diet and incident venous thromboembolism: The Iowa Women's Health Study. *American Heart Journal*. 2009;157(6):1081-1087. PMID: PMC2689927
14. Nettleton JA, **Lutsey PL**, Wang Y, Lima JA, Michos ED, Jacobs DR Jr. Diet soda intake and risk of incident metabolic syndrome and type 2 diabetes in the Multi-Ethnic Study of Atherosclerosis (MESA). *Diabetes Care*. 2009;32(4):688-694. PMID: PMC2660468
15. Folsom AR, **Lutsey PL**, Astor BC, Wattanakit K, Heckbert SR, Cushman M. Chronic kidney disease and venous thromboembolism: A prospective study. *Nephrology, Dialysis, Transplantation*. 2010;25(10):3296-3301. PMID: PMC2948836
16. Folsom AR, **Lutsey PL**, Heckbert SR, Cushman M. Serum albumin and risk of venous thromboembolism. *Thrombosis and Haemostasis*. 2010;104(1):100-104. PMID: PMC2902783
17. **Lutsey PL**, Pereira MA, Bertoni AG, Kandula NR, Jacobs DR Jr. Interactions between race/ethnicity and anthropometry in risk of incident diabetes: The Multi-Ethnic Study of Atherosclerosis. *American Journal of Epidemiology*. 2010;172(2):197-204. PMID: PMC2915488
18. **Lutsey PL**, Virnig BA, Durham SB, Steffen LM, Hirsch AT, Jacobs DR Jr, Folsom AR. Correlates and consequences of venous thromboembolism: The Iowa Women's Health Study. *American Journal of Public Health*. 2010;100(8):1506-1513. PMID: PMC2901301
19. Murray ET, Diez Roux AV, Carnethon M, **Lutsey PL**, Ni H, O'Meara ES. Trajectories of neighborhood poverty and associations with subclinical atherosclerosis and associated risk factors: The Multi-Ethnic Study of Atherosclerosis. *American Journal of Epidemiology*. 2010;171(10):1099-1108. PMID: PMC2877469
20. Zakai NA, **Lutsey PL**, Folsom AR, Heckbert SR, Cushman M. Total tissue factor pathway inhibitor and venous thrombosis. The Longitudinal Investigation of Thromboembolism Etiology. *Thrombosis and Haemostasis*. 2010;104(2):207-212. PMID: PMC2943145
21. Bekwelem W, **Lutsey PL**, Loehr LR, Agarwal SK, Astor BC, Guild C, Ballantyne CM, Folsom AR. White blood cell count, C-reactive protein, and incident heart failure in the Atherosclerosis Risk in Communities (ARIC) Study. *Annals of Epidemiology*. 2011; 21(10):739-748. PMID: PMC3166412
22. Demerath EW, **Lutsey PL**, Monda KL, Linda Kao WH, Bressler J, Pankow JS, North KE, Folsom AR. Interaction of FTO and physical activity level on adiposity in African-American and European-American adults: The ARIC study. *Obesity (Silver Spring)*. 2011;19(9):1866-1872. PMID: PMC3293392
23. Duprez DA, Jacobs DR Jr, **Lutsey PL**, Bluemke DA, Brumback LC, Polak JF, Peralta CA, Greenland P, Kronmal RA. Association of small artery elasticity with incident cardiovascular disease in older adults: The Multi-Ethnic Study of Atherosclerosis. *American Journal of Epidemiology*. 2011;174(5):528-536. PMID: PMC3202150
24. Folsom AR, Yatsuya H, Nettleton JA, **Lutsey PL**, Cushman M, Rosamond WD. Community prevalence of ideal cardiovascular health, by the American Heart Association definition, and relationship with

- cardiovascular disease incidence. *Journal of the American College of Cardiology*. 2011;57(16):1690-1696. PMID: PMC3093047
25. Kilpelanien TO, Qi L, Brage S, Sharp SJ, Sonestedt E, Demerath E, Ahmad T, Mora S, Kaakinen M, Sandholt CH, Holzapfel C, Autenrieth CS, Hypponen E, Cauchi S, He M, Kutalik Z, Kumari M, Stancakova A, Meidtner K, Balkau B, Tan JT, Mangino M, Timpson NJ, Song Y, Zillikens MC, Jablonski KA, Garcia ME, Johansson S, Bragg-Gresham JL, Wu Y, van Vliet-Ostapchouk JV, Onland-Moret NC, Zimmermann E, Rivera NV, Tanaka T, Stringham HM, Silbernagel G, Kanoni S, Feitosa MF, Snitker S, Ruiz JR, Metter J, Larrad MT, Atalay M, Hakanen M, Amin N, Cavalcanti-Proenca C, Grontved A, Hallmans G, Jansson JO, Kuusisto J, Kahonen M, **Lutsey PL**, Nolan JJ, Palla L, Pedersen O, Perusse L, Renstrom F, Scott RA, Shungin D, Sovio U, Tammelin TH, Ronnema T, Lakka TA, Uusitupa M, Rios MS, Ferrucci L, Bouchard C, Meirhaeghe A, Fu M, Walker M, Borecki IB, Dedoussis GV, Fritsche A, Ohlsson C, Boehnke M, Bandinelli S, van Duijn CM, Ebrahim S, Lawlor DA, Gudnason V, Harris TB, Sorensen TI, Mohlke KL, Hofman A, Uitterlinden AG, Tuomilehto J, Lehtimaki T, Raitakari O, Isomaa B, Njolstad PR, Florez JC, Liu S, Ness A, Spector TD, Tai ES, Froguel P, Boeing H, Laakso M, Marmot M, Bergmann S, Power C, Khaw KT, Chasman D, Ridker P, Hansen, T, Monda KL, Illig T, Jarvelin MR, Wareham NJ, Hu FB, Groop LC, Orho-Melander M, Ekelund U, Franks PW, Loos, RJ. Physical activity attenuates the influence of FTO variants on obesity risk: A meta-analysis of 218,166 adults and 19,268 children. *PLoS Medicine*. 2011;8(11):e1001116. PMID: PMC3206047
 26. **Lutsey PL**, Cushman M, Heckbert SR, Tang W, Folsom AR. Longer legs are associated with greater risk of incident venous thromboembolism independent of total body height. The Longitudinal Study of Thromboembolism Etiology (LITE). *Thrombosis and Haemostasis*. 2011;106(1):113-120. PMID: PMC3180885
 27. Walter S, Atzmon G, Demerath EW, Garcia ME, Kaplan RC, Kumari M, Lunetta KL, Milanesechi Y, Tanaka T, Tranah GJ, Volker U, Yu L, Arnold, A, Benjamin EJ, Biffar R, Buchman AS, Boerwinkle E, Couper D, De Jager PL, Evans DA, Harris TB, Hoffmann W, Hofman A, Karasik D, Kiel DP, Kocher T, Kuningas M, Launer LJ, Lohman KK, **Lutsey PL**, Mackenbach J, Marcianti K, Psaty BM, Reiman EM, Rotter JI, Seshadri S, Shardell MD, Smith AV, van Duijn C, Walston J, Zillikens MC, Bandinelli S, Baumeister SE, Bennett DA, Ferrucci L, Gudnason V, Kivimaki M, Liu Y, Murabito JM, Newman AB, Tiemeier H, Franceschini, N. A genome-wide association study of aging. *Neurobiology of Aging*. 2011;32(11):2109.e2115-2128. PMID: PMC3193030
 28. Dreyfus JG, **Lutsey PL**, Huxley R, Pankow JS, Selvin E, Fernandez-Rhodes L, Franceschini N, Demerath EW. Age at menarche and risk of type 2 diabetes among African-American and white women in the Atherosclerosis Risk in Communities (ARIC) study. *Diabetologia*. 2012;55(9):2371-2380. PMID: PMC3690318
 29. Fung, GJ, Steffen LM, Zhou, X, Harnack, L, Tang W, **Lutsey PL**, Loria, CM, Reis JP and Van Horn, LV. Vitamin D intake is inversely related to risk of developing metabolic syndrome in African American and white men and women over 20 y: The Coronary Artery Risk Development in Young Adults study. *American Journal of Clinical Nutrition*. 2012; 96(1):24-29. PMID: PMC3374731
 30. Huxley RR, Yatsuya H, **Lutsey PL**, Woodward, M, Alonso A and Folsom AR. Impact of age at smoking initiation, dosage, and time since quitting on cardiovascular disease in African Americans and whites: The atherosclerosis risk in communities study. *American Journal of Epidemiology*. 2012;175(8):816-826. PMID: PMC3390013
 31. **Lutsey PL**. Invited commentary: Diet and risk of venous thromboembolism--a hard nut to crack. *American Journal of Epidemiology*. 2012;175(2):127-130; discussion 131-122. PMID: PMC4047293
 32. **Lutsey**, Folsom AR. Taller women are at greater risk of recurrent venous thromboembolism: The Iowa Women's Health Study. *American Journal of Hematology*. 2012;87(7):716-717. PMID: PMC3375396
 33. **Lutsey PL**, Prizment AE, Folsom AR. Psoriasis is associated with a greater risk of incident venous thromboembolism: The Iowa Women's Health Study. *Journal of Thrombosis and Haemostasis*. 2012;10(4):708-711. PMID: PMC3319282
 34. **Lutsey PL**, Rasmussen-Torvik LJ, Pankow JS, Alonso A, Smolenski DJ, Tang W, Coresh J, Volcik KA, Ballantyne CM, Boerwinkle E, Folsom AR. Relation of lipid gene scores to longitudinal trends in lipid levels and incidence of abnormal lipid levels among individuals of European ancestry: The Atherosclerosis

- Risk in Communities (ARIC) study. *Circulation: Cardiovascular Genetics*. 2012;5(1):73-80. PMID: PMC3288431
35. **Lutsey PL**, Wassel CL, Cushman M, Sale MM, Divers J, Folsom AR. Genetic admixture is associated with plasma hemostatic factor levels in self-identified African Americans and Hispanics: The Multi-Ethnic Study of Atherosclerosis. *Journal of Thrombosis and Haemostasis*. 2012;10(4):543-549. PMID: PMC3361899
 36. Mahmoodi BK, Gansevoort RT, Naess IA, **Lutsey PL**, Braekkan SK, Veeger NJ, Brodin EE, Meijer K, Sang Y, Matsushita K, Hallan SI, Hammerstrom J, Cannegieter SC, Astor BC, Coresh J, Folsom AR, Hansen JB, Cushman M. Association of mild to moderate chronic kidney disease with venous thromboembolism: Pooled analysis of five prospective general population cohorts. *Circulation*. 2012;126(16):1964-1971. PMID: PMC3520022
 37. Michos ED, Reis JP, Post WS, **Lutsey PL**, Gottesman RF, Mosley TH, Sharrett AR, Melamed ML. 25-Hydroxyvitamin D deficiency is associated with fatal stroke among whites but not blacks: The NHANES-III linked mortality files. *Nutrition*. 2012;28(4):367-371. PMID: PMC3304002
 38. Wattanakit K, **Lutsey PL**, Bell EJ, Gornik H, Cushman M, Heckbert SR, Rosamond WD, Folsom AR. Association between cardiovascular disease risk factors and occurrence of venous thromboembolism. A time-dependent analysis. *Thrombosis and Haemostasis*. 2012;108(3):508-515. PMID: PMC3482827
 39. +Abiemo EE, Alonso A, Nettleton JA, Steffen LM, Bertoni AG, Jain, A, **Lutsey PL**. Relationships of the Mediterranean dietary pattern with insulin resistance and diabetes incidence in the Multi-Ethnic Study of Atherosclerosis (MESA). *British Journal of Nutrition*. 2013;109(8):1490-1497. PMID: PMC4002212
 40. Adams NB, **Lutsey PL**, Folsom AR, Herrington DH, Sibley CT, Zakai NA, Ades S, Burke GL, Cushman M. Statin therapy and levels of hemostatic factors in a healthy population: The Multi-Ethnic Study of Atherosclerosis. *Journal of Thrombosis and Haemostasis*. 2013;11(6):1078-1084. PMID: PMC3702638
 41. Bell EJ, **Lutsey PL**, Windham BG, Folsom AR. Physical activity and cardiovascular disease in African Americans in Atherosclerosis Risk in Communities. *Medicine and Science in Sports and Exercise*. 2013;45(5):901-907. PMID: PMC3622814
 42. Bell EJ, Selvin E, **Lutsey PL**, Nambi V, Cushman M and Folsom AR. Glycemia (hemoglobin A1c) and incident venous thromboembolism in the Atherosclerosis Risk in Communities cohort study. *Vascular Medicine*. 2013;18(5):245-250. PMID: PMC3980470
 43. Duprez DA, Hearst MO, **Lutsey PL**, Herrington DM, Ouyang P, Barr RG, Bluemke DA, McAllister D, Carr JJ, Jacobs DR Jr. Associations among lung function, arterial elasticity, and circulating endothelial and inflammation markers: The Multi-Ethnic Study of Atherosclerosis. *Hypertension*. 2013;61(2):542-548. PMID: PMC3586233
 44. Folsom AR, **Lutsey PL**, Roetker NS, Ballantyne CM, Hoogeveen RC, Rosamond WD, Cushman M. Lipoprotein-associated phospholipase A2 and venous thromboembolism: a prospective study. *Thrombosis Research*. 2013;132(1):44-46. PMID: PMC3742644
 45. Folsom AR, Nambi V, Bell EJ, Oluleye OW, Gottesman RF, **Lutsey PL**, Huxley RR, Ballantyne CM. Troponin T, N-terminal pro-B-type natriuretic peptide, and incidence of stroke: The Atherosclerosis Risk in Communities Study. *Stroke*. 2013;44(4):961-967. PMID: PMC3614093
 46. Lopez FL, Agarwal SK, Grams ME, Loehr LR, Soliman, EZ, **Lutsey PL**, Chen LY, Huxley RR, Alonso A. Relation of serum phosphorus levels to the incidence of atrial fibrillation (from the Atherosclerosis Risk In Communities [ARIC] study). *American Journal of Cardiology*. 2013;111(6):857-862. PMID: PMC3632319
 47. **Lutsey PL**, Michos ED. Vitamin D, calcium, and atherosclerotic risk: evidence from serum levels and supplementation studies. *Current Atherosclerosis Reports*. 2013;15(1):293. PMID: PMC3531793
 48. Misialek JR, Lopez FL, **Lutsey PL**, Huxley RR, Peacock JM, Chen LY, Soliman EZ, Agarwal SK, Alonso A. Serum and dietary magnesium and incidence of atrial fibrillation in whites and in African Americans-Atherosclerosis Risk in Communities (ARIC) study. *Circulation Journal*. 2013;77(2):323-329. PMID: PMC4228988
 49. Ogagarue ER, **Lutsey PL**, Klein R, Klein BE, Folsom AR. Association of ideal cardiovascular health metrics and retinal microvascular findings: The Atherosclerosis Risk in Communities Study. *Journal of the American Heart Association*. 2013;2(6):e000430. PMID: PMC3886782

50. Oluleye OW, Folsom AR, Nambi V, **Lutsey PL**, Ballantyne CM. Troponin T, B-type natriuretic peptide, C-reactive protein, and cause-specific mortality. *Annals of Epidemiology*. 2013;23(2):66-73. PMID: PMC3543509
51. Sachs MC, Shoben A, Levin GP, Robinson-Cohen C, Hoofnagle AN, Swords-Jenny N, Ix JH, Budoff M, **Lutsey PL**, Siscovick DS, Kestenbaum B, de Boer IH. Estimating mean annual 25-hydroxyvitamin D concentrations from single measurements: The Multi-Ethnic Study of Atherosclerosis. *American Journal of Clinical Nutrition*. 2013;97(6):1243-1251. PMID: PMC3652923
52. Alonso A, Bengtson LG, MacLehose RF, **Lutsey PL**, Chen LY, Lakshminarayan K. Intracranial hemorrhage mortality in atrial fibrillation patients treated with dabigatran or warfarin. *Stroke*. 2014;45(8):2286-2291. PMID: PMC4116615
53. Alonso A, Misialek JR, Eckfeldt JH, Selvin E, Coresh J, Chen LY, Soliman EZ, Agarwal SK, **Lutsey PL**. Circulating fibroblast growth factor-23 and the incidence of atrial fibrillation: The Atherosclerosis Risk in Communities study. *Journal of the American Heart Association*. 20143(5):e001082. PMID: PMC4323781
54. Bengtson LG, Chen LY, Chamberlain AM, Michos ED, Whitsel EA, **Lutsey PL**, Duval S, Rosamond WD, Alonso A. Temporal trends in the occurrence and outcomes of atrial fibrillation in patients with acute myocardial infarction (from the Atherosclerosis Risk in Communities Surveillance Study). *American Journal of Cardiology*. 2014;114(5):692-697. PMID: PMC4609175
55. Bengtson LG, Kucharska-Newton A, Wruck LM, Loehr LR, Folsom AR, Chen LY, Rosamond WD, Duval S, **Lutsey PL**, Stearns SC, Sueta C, Yeh HC, Fox E, Alonso A. Comparable ascertainment of newly-diagnosed atrial fibrillation using active cohort follow-up versus surveillance of centers for Medicare and Medicaid services in the atherosclerosis risk in communities study. *PLoS One*. 2014;9(4):e94321. PMID: PMC3984174
56. Bengtson LG, **Lutsey PL**, Loehr LR, Kucharska-Newton A, Chen LY, Chamberlain AM, Wruck LM, Duval S, Stearns SC, Alonso A. Impact of atrial fibrillation on healthcare utilization in the community: The Atherosclerosis Risk in Communities Study. *Journal of the American Heart Association*. 2014;3(6):e001006. PMID: PMC4338687
57. Everson-Rose SA, Roetker NS, **Lutsey PL**, Kershaw KN, Longstreth WT, Jr, Sacco RL, Diez Roux AV, Alonso A. Chronic stress, depressive symptoms, anger, hostility, and risk of stroke and transient ischemic attack in the multi-ethnic study of atherosclerosis. *Stroke*. 2014;45(8):2318-2323. PMID: PMC4131200
58. Folsom AR, Alonso A, Misialek JR, Michos ED, Selvin E, Eckfeldt JH, Coresh J, Pankow JS, **Lutsey PL**. Parathyroid hormone concentration and risk of cardiovascular diseases: The Atherosclerosis Risk in Communities (ARIC) study. *American Heart Journal*. 2014;168(3):296-302. PMID: PMC4150218
59. Folsom AR, **Lutsey PL**, Nambi V, deFilippi CR, Heckbert SR, Cushman M, Ballantyne CM. Troponin T, NT-proBNP, and venous thromboembolism: The Longitudinal Investigation of Thromboembolism Etiology (LITE). *Vascular Medicine*. 2014;19(1):33-41. PMID: PMC4006375
60. Folsom AR, **Lutsey PL**, Roetker NS, Rosamond WD, Lazo M, Heckbert SR, Basu S, Cushman M, Selvin E. Elevated hepatic enzymes and incidence of venous thromboembolism: A prospective study. *Annals of Epidemiology*. 2014;24(11):817-821.e812. PMID: PMC4254154
61. Folsom AR, Roetker NS, Rosamond WD, Heckbert SR, Basu S, Cushman M, **Lutsey PL**. Serum 25-hydroxyvitamin D and risk of venous thromboembolism: The Atherosclerosis Risk in Communities (ARIC) Study. *Journal of Thrombosis and Haemostasis*. 2014;12(9):1455-1460. PMID: PMC4163112
62. Huxley RR, Bell EJ, **Lutsey PL**, Bushnell C, Shahar E, Rosamond, W, Gottesman R, Folsom, A. A comparative analysis of risk factors for stroke in blacks and whites: The Atherosclerosis Risk in Communities study. *Ethnicity and Health*. 2014;19(6):601-616. PMID: PMC4029919
63. +Kwon Y, Duprez DA, Jacobs DR, Nagayoshi M, McClelland RL, Shahar E, Budoff M, Redline S, Shea S, Carr JJ, **Lutsey PL**. Obstructive sleep apnea and progression of coronary artery calcium: The Multi-Ethnic Study of Atherosclerosis Study. *Journal of the American Heart Association*. 2014;3(5):e001241. PMID: PMC4323795
64. **Lutsey PL**, Alonso A, Michos ED, Loehr LR, Astor BC, Coresh J, Folsom AR. Serum magnesium, phosphorus, and calcium are associated with risk of incident heart failure: The Atherosclerosis Risk in Communities (ARIC) Study. *American Journal of Clinical Nutrition*. 2014;100(3):756-764. PMID: PMC4135486

65. **Lutsey PL**, Alonso A, Selvin E, Pankow JS, Michos ED, Agarwal SK, Loehr LR, Eckfeldt JH, Coresh J. Fibroblast growth factor-23 and incident coronary heart disease, heart failure, and cardiovascular mortality: The Atherosclerosis Risk in Communities study. *Journal of the American Heart Association*. 2014;3(3):e000936. PMID: PMC4309096
66. Michos ED, Carson KA, Schneider AL, **Lutsey PL**, Xing L, Sharrett AR, Alonso A, Coker LH, Gross M, Post W, Mosley TH, Gottesman RF. Vitamin D and subclinical cerebrovascular disease: The Atherosclerosis Risk in Communities brain magnetic resonance imaging study. *Journal of the American Medical Association Neurology*. 2014;71(7):863-871. PMID: PMC4218739
67. +Nagayoshi M, Everson-Rose SA, Iso H, Mosley TH Jr, Rose KM, **Lutsey PL**. Social network, social support, and risk of incident stroke: Atherosclerosis Risk in Communities study. *Stroke*. 2014;45(10):2868-2873. PMID: PMC4201236
68. Olson NC, Cushman M, **Lutsey PL**, McClure LA, Judd S, Tracy RP, Folsom AR, Zakai NA. Inflammation markers and incident venous thromboembolism: The Reasons for Geographic And Racial Differences in Stroke (REGARDS) cohort. *Journal of Thrombosis and Haemostasis*. 2014;12(12):1993-2001. PMID: PMC4643856
69. Prizment AE, Yatsuya H, **Lutsey PL**, Lubin JH, Woodward M, Folsom AR, Huxley RR. Smoking behavior and lung cancer in a biracial cohort: The Atherosclerosis Risk in Communities study. *American Journal of Preventive Medicine*. 2014;46(6):624-632. PMID: PMC4030495
70. Schneider AL, **Lutsey PL**, Alonso A, Gottesman RF, Sharrett AR, Carson KA, Gross M, Post WS, Knopman DS, Mosley TH, Michos ED. Vitamin D and cognitive function and dementia risk in a biracial cohort: The ARIC Brain MRI Study. *European Journal of Neurology*. 2014;21(9):1211-1218, e1269-1270. PMID: PMC4114998
71. Zakai NA, McClure LA, Judd SE, Safford MM, Folsom AR, **Lutsey PL**, Cushman M. Racial and regional differences in venous thromboembolism in the United States in 3 cohorts. *Circulation*. 2014;129(14):1502-1509. PMID: PMC4098668
72. Alonso A, MacLehose RF, **Lutsey PL**, Konety S, Chen LY. Association of amiodarone use with acute pancreatitis in patients with atrial fibrillation: a nested case-control study. *JAMA Internal Medicine*. 2014;175(3):449-450. PMID: PMC4529997
73. Chen X, Wang R, Zee P, **Lutsey PL**, Javaheri S, Alcantara C, Jackson CL, Williams MA, Redline S. Racial/ethnic differences in sleep disturbances: The Multi-Ethnic Study of Atherosclerosis (MESA). *Sleep*. 2015;38(6):877-888. PMID: PMC4434554
74. Everson-Rose SA, **Lutsey PL**, Roetker NS, Lewis TT, Kershaw KN, Alonso A, Diez Roux AV. Perceived discrimination and incident cardiovascular events: The Multi-Ethnic Study of Atherosclerosis. *American Journal of Epidemiology*. 2015;182(3):225-234. PMID: PMC4517694
75. Folsom AR, Olson NC, **Lutsey PL**, Roetker NS, Cushman M. American Heart Association's Life's Simple 7 and incidence of venous thromboembolism. *American Journal of Hematology*. 2015;90(5):E92. PMID: PMC4409490
76. Folsom AR, Shah AM, **Lutsey PL**, Roetker NS, Alonso A, Avery CL, Miedema MD, Konety S, Chang PP, Solomon SD. American Heart Association's Life's Simple 7: Avoiding Heart Failure and Preserving Cardiac Structure and Function. *American Journal of Medicine*. 2015;128(9):970-976.e972. PMID: PMC4554769
77. Folsom AR, Tang W, Roetker NS, Kshirsagar AV, Derebail VK, **Lutsey PL**, Naik R, Pankow JS, Grove ML, Basu S, Key NS, Cushman M. Prospective study of sickle cell trait and venous thromboembolism incidence. *Journal of Thrombosis and Haemostasis*. 2015;13(1):2-9. PMID: PMC4294976
78. Folsom AR, Yao L, Alonso A, **Lutsey PL**, Missov E, Lederle FA, Ballantyne CM, Tang W. Circulating biomarkers and abdominal aortic aneurysm incidence: The Atherosclerosis Risk in Communities (ARIC) Study. *Circulation*. 2015;132(7):578-585. PMID: PMC4543558
79. Hoofnagle AN, Eckfeldt JH, **Lutsey PL**. Vitamin D-binding protein concentrations quantified by mass spectrometry. *New England Journal of Medicine*. 2015;373(15):1480-1482. PMID: PMC4654614
80. Koo BB, Sillau S, Dean DA 2nd, **Lutsey PL**, Redline S. Periodic limb movements during sleep and prevalent hypertension in the multi-ethnic study of atherosclerosis. *Hypertension*. 2015;65(1):70-77. PMID: PMC4268086

81. Kummer AE, Grams M, Lutsey P, Chen Y, Matsushita K, Kottgen A, Folsom AR, Coresh J. Nephrolithiasis as a risk factor for CKD: The Atherosclerosis Risk in Communities Study. *Clinical Journal of the American Society of Nephrology*. 2015;10(11):2023-2029. PMID: PMC4633798
82. **Lutsey PL**, Eckfeldt JH, Ogagarue ER, Folsom AR, Michos ED, Gross M. The 25-hydroxyvitamin D3 C-3 epimer: distribution, correlates, and reclassification of 25-hydroxyvitamin D status in the population-based Atherosclerosis Risk in Communities Study (ARIC). *Clinica Chimica Acta*. 2015;442:75-81. PMID: PMC4339618
83. **Lutsey PL**, McClelland RL, Duprez D, Shea S, Shahar E, Nagayoshi M, Budoff M, Kaufman JD, Redline S. Objectively measured sleep characteristics and prevalence of coronary artery calcification: The Multi-Ethnic Study of Atherosclerosis Sleep study. *Thorax*. 2015;70(9):880-887. PMID: PMC4858321
84. **Lutsey PL**, Michos ED, Misialek JR, Pankow JS, Loehr L, Selvin E, Reis JP, Gross M, Eckfeldt JH, Folsom AR. Race and vitamin D binding protein gene polymorphisms modify the association of 25-hydroxyvitamin D and incident heart failure: The ARIC (Atherosclerosis Risk in Communities) Study. *Journal of the American College of Cardiology: Heart Failure*. 2015;3(5):347-356. PMID: PMC4426050
85. Michos ED, Misialek JR, Selvin E, Folsom AR, Pankow JS, Post WS, **Lutsey PL**. 25-hydroxyvitamin D levels, vitamin D binding protein gene polymorphisms and incident coronary heart disease among whites and blacks: The ARIC study. *Atherosclerosis*. 2015;241(1):12-17. PMID: PMC4466162
86. Parinello CM, **Lutsey PL**, Ballantyne CM, Folsom AR, Pankow JS, Selvin E. Six-year change in high-sensitivity C-reactive protein and risk of diabetes, cardiovascular disease, and mortality. *American Heart Journal*. 2015;170(2):380-389. PMID: PMC4548857
87. Parrinello CM, **Lutsey PL**, Couper D, Eckfeldt JH, Steffes MW, Coresh J, Selvin E. Total short-term variability in biomarkers of hyperglycemia in older adults. *Clinical Chemistry*. 2015;61(12):1540-1541. PMID: PMC4767164
88. +Rebholz CM, Grams ME, Coresh J, Selvin E, Inker LA, Levey AS, Kimmel PL, Vasan RS, Eckfeldt JH, Feldman HI, Hsu CY, **Lutsey PL**. Serum fibroblast growth factor-23 is associated with incident kidney disease. *Journal of the American Society of Nephrology*. 2015;26(1):192-200. PMID: PMC4279743
89. Reis JP, Michos ED, Selvin E, Pankow JS, **Lutsey PL**. Race, vitamin D-binding protein gene polymorphisms, 25-hydroxyvitamin D, and incident diabetes: The Atherosclerosis Risk in Communities (ARIC) Study. *American Journal of Clinical Nutrition*. 2015;101(6):1232-1240. PMID: PMC4441813
90. Schneider AL, **Lutsey PL**, Selvin E, Mosley TH, Sharrett AR, Carson KA, Post WS, Pankow JS, Folsom AR, Gottesman RF, Michos ED. Vitamin D, vitamin D binding protein gene polymorphisms, race and risk of incident stroke: The Atherosclerosis Risk in Communities (ARIC) study. *European Journal of Neurology*. 2015;22(8):1220-1227. PMID: PMC4496275
91. Selvin E, Rawlings AM, **Lutsey PL**, Maruthur N, Pankow JS, Steffes M, Coresh J. Fructosamine and glycated albumin and the risk of cardiovascular outcomes and death. *Circulation*. 2015;132(4):269-277. PMID: PMC4612521
92. Shah AM, Claggett B, Folsom AR, **Lutsey PL**, Ballantyne CM, Heiss G, Solomon SD. Ideal cardiovascular health during adult life and cardiovascular structure and function among the elderly. *Circulation*. 2015;132(21):1979-1989. PMID: PMC4835821
93. Takiar R, **Lutsey PL**, Zhao D, Guallar E, Schneider AL, Grams ME, Appel LJ, Selvin E, Michos ED. The associations of 25-hydroxyvitamin D levels, vitamin D binding protein gene polymorphisms, and race with risk of incident fracture-related hospitalization: Twenty-year follow-up in a bi-ethnic cohort (the ARIC Study). *Bone*. 2015;78:94-101. PMID: PMC4466148
94. Alonso A, Misialek JR, Michos ED, Eckfeldt J, Selvin E, Soliman EZ, Chen LY, Gross MD, **Lutsey PL**. Serum 25-hydroxyvitamin D and the incidence of atrial fibrillation: The Atherosclerosis Risk in Communities (ARIC) study. *Europace: European Pacing, Arrhythmias, and Cardiac Electrophysiology*. 2016;18(8):1143-1149. PMID: PMC4974632
95. Bell EJ, Agarwal SK, Cushman M, Heckbert SR, **Lutsey PL**, Folsom AR. Orthostatic hypotension and risk of venous thromboembolism in 2 cohort studies. *American Journal of Hypertension*. 2016;29(5):634-640. PMID: PMC5014082

96. Bell EJ, Folsom AR, **Lutsey PL**, Selvin E, Zakai NA, Cushman M, Alonso A. Diabetes mellitus and venous thromboembolism: A systematic review and meta-analysis. *Diabetes Research and Clinical Practice*. 2016;111:10-18. PMID: PMC4752919
97. Bell EJ, **Lutsey PL**, Basu S, Cushman M, Heckbert SR, Lloyd-Jones DM, Folsom AR. Lifetime risk of venous thromboembolism in two cohort studies. *American Journal of Medicine*. 2016;129(3):339.e319-326. PMID: PMC4771407
98. Chen X, Wang R, **Lutsey PL**, Zee PC, Javaheri S, Alcantara C, Jackson CL, Szklo M, Punjabi N, Redline S, Williams MA. Racial/ethnic differences in the associations between obesity measures and severity of sleep-disordered breathing: The Multi-Ethnic Study of Atherosclerosis. *Sleep Medicine*. 2016;26:46-53. PMID: PMC4691213
99. Costello RB, Elin RJ, Rosanoff A, Wallace TC, Guerrero-Romero F, Hruby A, **Lutsey PL**, Nielsen FH, Rodriguez-Moran M, Song Y, Van Horn LV. Perspective: The case for an evidence-based reference interval for serum magnesium: The time has come. *Advances in Nutrition*. 2016;7(6):977-993. PMID: PMC5105038
100. Diep CS, Lemaitre RN, Chen TA, Baranowski T, **Lutsey PL**, Manichaikul AW, Rich SS, St-Jules DE, Steffen BT, Tsai MY, Siscovick DS, Frazier-Wood AC. Acculturation and plasma fatty acid concentrations in Hispanic and Chinese-American adults: The Multi-Ethnic Study of Atherosclerosis. *PLoS One*. 2016;11(2):e0149267. PMID: PMC4752232
101. Farag YMK, Guallar E, Zhao D, Kalyani RR, Blaha MJ, Feldman DI, Martin SS, **Lutsey PL**, Billups KL, Michos ED. Vitamin D deficiency is independently associated with greater prevalence of erectile dysfunction: The National Health and Nutrition Examination Survey (NHANES) 2001-2004. *Atherosclerosis*. 2016;252:61-67. PMID: PMC5035618
102. Florido R, Zhao D, Ndumele CE, **Lutsey PL**, McEvoy JW, Windham BG, Pankow JS, Guallar E, Michos ED. Physical activity, parental history of premature coronary heart disease, and incident atherosclerotic cardiovascular disease in the Atherosclerosis Risk in Communities (ARIC) Study. *Journal of the American Heart Association*. 2016;5(9):e003505. PMID: PMC5079018
103. +Fyfe-Johnson AL, Alonso A, Selvin E, Bower JK, Pankow JS, Agarwal SK, **Lutsey PL**. Serum fibroblast growth factor-23 and incident hypertension: The Atherosclerosis Risk in Communities (ARIC) Study. *Journal of Hypertension*. 2016;34(7):1266-1272. PMID: PMC4950510
104. Gonzalez HM, Tarraf W, Gouskova N, Rodriguez CJ, Rundek T, Grober E, Pirezada A, Gonzalez P, **Lutsey PL**, Camacho A, Daviglius ML, Wright C, Mosley TH. Life's Simple 7's cardiovascular health metrics are associated with Hispanic/Latino neurocognitive function: HCHS/SOL Results. *Journal of Alzheimer's Disease*. 2016;53(3):955-965. PMID: PMC5467859
105. Henderson CM, **Lutsey PL**, Misialek JR, Laha TJ, Selvin E, Eckfeldt JH, Hoofnagle AN. Measurement by a novel LC-MS/MS methodology reveals similar serum concentrations of vitamin D-binding protein in Blacks and Whites. *Clinical Chemistry*. 2016;62(1):179-187. PMID: PMC4698095
106. Joshi AD, Andersson C, Buch S, Stender S, Noordam R, Weng LC, Weeke PE, Auer PL, Boehm B, Chen C, Choi H, Curhan G, Denny JC, De Vivo I, Eicher JD, Ellinghaus D, Folsom AR, Fuchs C, Gala M, Haessler J, Hofman A, Hu F, Hunter DJ, Janssen HL, Kang JH, Kooperberg C, Kraft P, Kratzer W, Lieb W, **Lutsey PL**, Darwish Murad S, Nordestgaard BG, Pasquale LR, Reiner AP, Ridker PM, Rimm E, Rose LM, Shaffer CM, Schafmayer C, Tamimi RM, Uitterlinden AG, Volker U, Volzke H, Wakabayashi Y, Wiggs JL, Zhu J, Roden DM, Stricker BH, Tang W, Teumer A, Hampe J, Tybjaerg-Hansen A, Chasman DI, Chan AT, Johnson AD. Four susceptibility loci for gallstone disease identified in a meta-analysis of genome-wide association studies. *Gastroenterology*. 2016;151(2):351-363.e328. PMID: PMC4959966
107. Korada SK, Zhao D, Gottesman RF, Guallar E, **Lutsey PL**, Alonso A, Sharrett AR, Post WS, Reis JP, Mosley TH, Michos ED. Parathyroid hormone and subclinical cerebrovascular disease: The Atherosclerosis Risk in Communities Brain Magnetic Resonance Imaging Study. *Journal of Stroke and Cerebrovascular Diseases*. 2016;25(4):883-893. PMID: PMC4799747
108. Lubin JH, Couper D, **Lutsey PL**, Woodward M, Yatsuya H, Huxley RR. Risk of cardiovascular disease from cumulative cigarette use and the impact of smoking intensity. *Epidemiology*. 2016;27(3):395-404. PMID: PMC5482174

109. **Lutsey PL**, Bengtson LG, Punjabi, NM, Shahar E, Mosley TH, Gottesman RF, Wruck LM, MacLehose RF, Alonso A. Obstructive sleep apnea and 15-Year cognitive decline: The Atherosclerosis Risk in Communities (ARIC) Study. *Sleep*. 2016;39(2):309-316. PMID: PMC4712410
110. **Lutsey PL**, Norby FL, Gottesman RF, Mosley T, MacLehose RF, Punjabi, NM, Shahar E, Jack CR Jr, Alonso A. Sleep apnea, sleep duration and brain MRI markers of cerebral vascular disease and Alzheimer's disease: The Atherosclerosis Risk in Communities Study (ARIC). *PLoS One*. 2016;11(7):e0158758. PMID: PMC4944966
111. **Lutsey PL**, Parinello CM, Misialek JR, Hoofnagle AN, Henderson CM, Laha TJ, Michos ED, Eckfeldt JH, Selvin E. Short-term variability of vitamin D-related biomarkers. *Clinical Chemistry*. 2016;62(12):1647-1653. PMID: PMC5131784
112. McKibben RA, Zhao D, **Lutsey PL**, Schneider AL, Guallar E, Mosley TH, Michos ED. Factors associated with change in 25-hydroxyvitamin D levels over longitudinal follow-up in the ARIC Study. *Journal of Clinical Endocrinology and Metabolism*. 2016;101(1):33-43. PMID: PMC4701839
113. Michos ED, **Lutsey PL**. 25-hydroxyvitamin D levels and coronary heart disease risk reclassification in hypertension--is it worth the "hype"? *Atherosclerosis*. 2016;245:237-239. PMID: PMC5329752
114. Michos ED, Selvin E, Misialek JR, McEvoy JW, Ndumele CE, Folsom AR, Ballantyne CM, **Lutsey PL**. 25-hydroxyvitamin D levels and markers of subclinical myocardial damage and wall stress: The Atherosclerosis Risk in Communities Study. *Journal of the American Heart Association*. 2016;5(11):e003575. PMID: PMC5210331
115. Millen AE, Sahli MW, Nie J, LaMonte MJ, **Lutsey PL**, Klein BE, Mares JA, Meyers KJ, Andrews CA, Klein R. Adequate vitamin D status is associated with the reduced odds of prevalent diabetic retinopathy in African Americans and Caucasians. *Cardiovascular Diabetology*. 2016;15(1):128. PMID: PMC5009647
116. +Nagayoshi M, **Lutsey PL**, Benkeser D, Wassel CL, Folsom AR, Shahar E, Iso H, Allison MA, Criqui MH, Redline S. Association of sleep apnea and sleep duration with peripheral artery disease: The Multi-Ethnic Study of Atherosclerosis (MESA). *Atherosclerosis*. 2016;251:467-475. PMID: PMC4983210
117. +Nagayoshi M, Punjabi NM, Selvin E, Pankow JS, Shahar E, Iso H, Folsom AR, **Lutsey PL**. Obstructive sleep apnea and incident type 2 diabetes. *Sleep Medicine*. 2016;25,:56-161. PMID: PMC5102826
118. Norby FL, Eryd SA, Niemeijer MN, Rose LM, Smith AV, Yin X, Agarwal SK, Arking DE, Chasman DL, Chen LY, Eijgelsheim M, Engstrom G, Franco OH, Heeringa J, Hindy G, Hofman A, **Lutsey PL**, Magnani JW, McManus DD, Orho-Melander M, Pankow JS, Rukh G, Schulz CA, Uitterlinden AG, Albert CM, Benjamin EJ, Gudnason V, Smith JG, Stricker BH, Alonso A. Association of lipid-related genetic variants with the incidence of atrial fibrillation: The AFGen Consortium. *PLoS One*. 2016;11(3):e0151932. PMID: PMC4801208
119. +Ogilvie RP, Everson-Rose SA, Longstreth WT Jr, Rodriguez CJ, Diez-Roux AV, **Lutsey PL**. Psychosocial factors and risk of incident heart failure: The Multi-Ethnic Study of Atherosclerosis. *Circulation: Heart Failure*. 2016;9(1):e002243. PMID: PMC4692172
120. +Ogilvie RP, Redline S, Bertoni AG, Chen X, Ouyang P, Szklo M, **Lutsey PL**. Actigraphy measured sleep indices and adiposity: The Multi-Ethnic Study of Atherosclerosis (MESA). *Sleep*. 2016;39(9):1701-1708. PMID: PMC4989259
121. Prizment AE, Linabery AM, **Lutsey PL**, Selvin E, Nelson HH, Folsom AR, Church TR, Drake CG, Platz EA, Joshi C. Circulating beta-2 microglobulin and risk of cancer: The Atherosclerosis Risk in Communities Study (ARIC). *Cancer Epidemiology, Biomarkers and Prevention*. 2016;25(4):657-664. PMID: PMC4873421
122. Rebholz CM, Grams ME, **Lutsey PL**, Hoofnagle AN, Misialek JR, Inker LA, Levey AS, Selvin E, Hsu CY, Kimmel PL, Vasani RS, Eckfeldt JH, Coresh J. Biomarkers of Vitamin D Status and Risk of ESRD. *American Journal of Kidney Diseases*. 2016;67(2):235-242. PMID: PMC4724452
123. Reis JP, Selvin E, Pankow JS, Michos ED, Rebholz CM, **Lutsey PL**. Parathyroid hormone is associated with incident diabetes in white, but not black adults: The Atherosclerosis Risk in Communities (ARIC) Study. *Diabetes and Metabolism*. 2016;42(3):162-169. PMID: PMC4907832
124. +Rooney MR, Pankow JS, Sibley SD, Selvin E, Reis JP, Michos ED, **Lutsey PL**. Serum calcium and incident type 2 diabetes: The Atherosclerosis Risk in Communities (ARIC) study. *American Journal of Clinical Nutrition*. 2016;104(4):1023-1029. PMID: PMC5039808

125. Selvin E, Rawlings, A, **Lutsey PL**, Maruthur N, Pankow JS, Steffes M, Coresh J. Association of 1,5-anhydroglucitol with cardiovascular disease and mortality. *Diabetes*. 2016;65(1):201-208. PMID: PMC4686946
126. Shrestha, S, **Lutsey PL**, Alonso A, Huang X, Mosley TH Jr, Chen H. Serum 25-hydroxyvitamin D concentrations in mid-adulthood and Parkinson's disease risk. *Movement Disorders*. 2016;31(7):972-978. PMID: PMC4931952
127. Tang W, Yao L, Roetker NS, Alonso A, **Lutsey PL**, Steenson CC, Lederle FA, Hunter DW, Bengtson LG, Guan W, Missov E, Folsom AR. Lifetime risk and risk factors for abdominal aortic aneurysm in a 24-year prospective study: The ARIC Study (Atherosclerosis Risk in Communities). *Arteriosclerosis, Thrombosis, and Vascular Biology*. 2016;36(12):2468-2477. PMID: PMC5397388
128. +Yao L, Folsom AR, Pankow JS, Selvin E, Michos ED, Alonso A, Tang W, **Lutsey PL**. Parathyroid hormone and the risk of incident hypertension: The Atherosclerosis Risk in Communities study. *Journal of Hypertension*. 2016;34(2):196-203. PMID: PMC4755355
129. Alonso A, MacLehose RF, Chen LY, Bengtson LG, Chamberlain AM, Norby FL, **Lutsey PL**. Prospective study of oral anticoagulants and risk of liver injury in patients with atrial fibrillation. *Heart*. 2017;103(11):834-839. PMID: PMC5429195
130. Bengtson GS, **Lutsey PL**, Chen LY, MacLehose RF, Alonso A. Comparative effectiveness of dabigatran and rivaroxaban versus warfarin for the treatment of non-valvular atrial fibrillation. *Journal of Cardiology*. 2017;69(6):868-876. PMID: PMC5411320
131. Chin K, Zhao D, Tibuakuu M, Martin SS, Ndumele CE, Florido R, Windham BG, Guallar E, **Lutsey PL**, Michos ED. Physical activity, vitamin D, and incident atherosclerotic cardiovascular disease in Whites and Blacks: The ARIC Study. *Journal of Clinical Endocrinology and Metabolism*. 2017;102(4):1227-1236. PMID: PMC5460730
132. Cowan LT, **Lutsey PL**, Pankow JS, Cushman M, Folsom AR. Hospitalization with infection and incident venous thromboembolism: The ARIC study. *Thrombosis Research*. 2017;151:74-78. PMID: PMC5416934
133. Douce D, McClure LA, **Lutsey PL**, Cushman M, Zakai NA. Outpatient treatment of deep vein thrombosis in the United States: The Reasons for Geographic and Racial Differences in Stroke Study. *Journal of Hospital Medicine*. 2017;12(10):826-830. PMID: PMC6246775
134. Faridi KF, Zhao D, Martin SS, Lupton JR, Jones SR, Guallar E, Ballantyne CM, **Lutsey PL**, Michos ED. Serum vitamin D and change in lipid levels over 5 y: The Atherosclerosis Risk in Communities study. *Nutrition*. 2017;38:85-93. PMID: PMC5443111
135. Fashanu OE, Folsom AR, Oyenuga A, Ballantyne CM, **Lutsey PL**, Tang W. Galectin-3 and the incidence of abdominal aortic aneurysm: The atherosclerosis risk in communities (ARIC) study. *American Journal of Cardiovascular Disease*. 2017;7(6):114-121. PMID: PMC5768869
136. Ishigami J, Jaar BG, Rebholz CM, Grams ME, Michos ED, Wolf M, Kovesdy CP, Uchida S, Coresh J, **Lutsey PL**, Matsushita K. Biomarkers of mineral and bone metabolism and 20-year risk of hospitalization with infection: The Atherosclerosis Risk in Communities Study. *Journal of Clinical Endocrinology and Metabolism*. 2017;102(12):4648-4657. PMID: PMC5718703
137. Kim SM, **Lutsey PL**, Michos ED. Vitamin D and cardiovascular disease: Can novel measures of vitamin D status improve risk prediction and address the vitamin D racial paradox? *Current Cardiovascular Risk Reports*. 2017;11(1). PMID: PMC5330313
138. Kim SM, Zhao D, Schneider ALC, Korada SK, **Lutsey PL**, Guallar E, Alonso A, Windham BG, Gottesman RF, Michos ED. Association of parathyroid hormone with 20-year cognitive decline: The ARIC study. *Neurology*. 2017;89(9):918-926. PMID: PMC5577963
139. Lubin JH, Couper D, **Lutsey PL**, Yatsuya H. Synergistic and non-synergistic associations for cigarette smoking and non-tobacco risk factors for cardiovascular disease incidence in the Atherosclerosis Risk in Communities (ARIC) Study. *Nicotine Tob Res*. 2017;19(7):826-835. PMID: PMC5896551
140. Mahmoodi BK, Cushman M, Naess IA, Allison MA, Bos WJ, Braekkan SK, Cannegieter SC, Gansevoort RT, Gona PN, Hammerstrom J, Hansen JB, Heckbert S, Holst AG, Lakoski SG, **Lutsey PL**, Manson JE, Martin LW, Matsushita K, Meijer K, Overvad K, Prescott E, Puurunen M, Rossou WJE, Sang Y, Severinsen MT, Ten Berg J, Folsom AR, Zakai NA. Association of traditional cardiovascular risk factors

- with venous thromboembolism: An individual participant data meta-analysis of prospective studies. *Circulation*. 2017;135(1):7-16. PMID: PMC5201424
141. Martin SS, Daya N, **Lutsey PL**, Matsushita K, Fretz A, McEvoy JW, Blumenthal, RS, Coresh J, Greenland P, Kottgen A, Selvin E. Thyroid function, cardiovascular risk factors, and incident atherosclerotic cardiovascular disease: The Atherosclerosis Risk in Communities (ARIC) Study. *Journal of Clinical Endocrinology and Metabolism*. 2017;102(9):3306-3315. PMID: PMC5587060
 142. Millen AE, Nie J, Sahli MW, Mares JA, Meyers KJ, Klein BEK, LaMonte MJ, **Lutsey PL**, Andrews CA, Klein R. Vitamin D status and prevalent early age-related macular degeneration in African Americans and Caucasians: The Atherosclerosis Risk in Communities (ARIC) Study. *The Journal of Nutrition, Health & Aging*. 2017;21(7):772-780. PMID: PMC6034625
 143. Norby FL, Bengtson GS, **Lutsey PL**, Chen LY, MacLehose RF, Chamberlain AM, Rapson, I, Alonso A. Comparative effectiveness of rivaroxaban versus warfarin or dabigatran for the treatment of patients with non-valvular atrial fibrillation. *BMC Cardiovascular Disorders*. 2017;17(1):238. PMID: PMC5585896
 144. +Ogilvie RP, **Lutsey PL**, Heiss G, Folsom AR, Steffen LM. Dietary intake and peripheral arterial disease incidence in middle-aged adults: The Atherosclerosis Risk in Communities (ARIC) Study. *American Journal of Clinical Nutrition*. 2017;105(3):651-659. PMID: PMC5320408
 145. Polonsky TS, Ning H, Daviglius ML, Liu K, Burke GL, Cushman M, Eng J, Folsom AR, **Lutsey PL**, Nettleton JA, Post WS, Sacco RL, Szklo M, Lloyd-Jones DM. Association of cardiovascular health with subclinical disease and incident events: The Multi-Ethnic Study of Atherosclerosis. *Journal of the American Heart Association*. 2017;6(3):e004894. PMID: PMC5524019
 146. +Rapson IR, Michos ED, Alonso A, Hirsch AT, Matsushita K, Reis JP, **Lutsey PL**. Serum 25-hydroxyvitamin D is associated with incident peripheral artery disease among White and Black adults in the ARIC study cohort. *Atherosclerosis*. 2017;257:123-129. PMID: PMC5369771
 147. Robinson-Cohen C, **Lutsey PL**, Kleber ME, Nielson CM, Mitchell BD, Bis JC, Eny KM, Portas L, Eriksson J, Lorentzon M, Koller DL, Milaneschi Y, Teumer A, Pilz S, Nethander M, Selvin E, Tang W, Weng LC, Wong HS, Lai D, Peacock M, Hannemann A, Volker U, Homuth G, Nauk M, Murgia F, Pattee JW, Orwoll E, Zmuda JM, Riancho JA, Wolf M, Williams F, Penninx B, Econs MJ, Ryan KA, Ohlsson C, Paterson AD, Psaty BM, Siscovick DS, Rotter JI, Pirastu M, Streeten E, Marz W, Fox C, Coresh J, Wallaschofski H, Pankow JS, de Boer IH, Kestenbaum B. Genetic variants associated with circulating parathyroid hormone. *Journal of the American Society of Nephrology*. 2017;28(5):1553-1565. PMID: PMC5407713
 148. Robinson-Cohen C, Zelnick LR, Hoofnagle AN, **Lutsey PL**, Burke G, Michos ED, Shea SJC, Tracy R, Siscovick DS, Psaty B, Kestenbaum B, de Boer IH. Associations of vitamin D-binding globulin and bioavailable vitamin D concentrations with coronary heart disease events: The Multi-Ethnic Study of Atherosclerosis (MESA). *Journal of Clinical Endocrinology and Metabolism*. 2017;102(8):3075-3084. PMID: PMC5546864
 149. Roetker NS, Armasu SM, Pankow JS, **Lutsey PL**, Tang W, Rosenberg MA, Palmer TM, MacLehose RF, Heckbert SR, Cushman M, de Andrade M, Folsom AR. Taller height as a risk factor for venous thromboembolism: A Mendelian randomization meta-analysis. *Journal of Thrombosis and Haemostasis*. 2017;15(7):1334-1343. PMID: PMC5504700
 150. +Rooney MR, Harnack L, Michos ED, Ogilvie RP, Sempos CT, **Lutsey PL**. Trends in use of high-dose vitamin D supplements exceeding 1000 or 4000 international units daily, 1999-2014. *JAMA*. 2017;317(23):2448-2450. PMID: PMC5587346
 151. Tibuakuu M, Zhao D, de Boer IH, Guallar E, Bortnick AE, **Lutsey PL**, Budoff MJ, Kizer JR, Kestenbaum BR, Michos ED. Relation of serum vitamin D to risk of mitral annular and aortic valve calcium (from the Multi-Ethnic Study of Atherosclerosis). *American Journal of Cardiology*. 2017;120(3):473-478. PMID: PMC5523859
 152. +Whitaker KM, Everson-Rose SA, Pankow JS, Rodriguez CJ, Lewis TT, Kershaw KN, Diez Roux AV, **Lutsey PL**. Experiences of discrimination and incident type 2 diabetes mellitus: The Multi-Ethnic Study of Atherosclerosis (MESA). *American Journal of Epidemiology*. 2017;186(4):445-455. PMID: PMC5860562
 153. Windham BG, Harrison KL, Lirette ST, **Lutsey PL**, Pompeii LA, Gabriel KP, Koton S, Steffen LM, Griswold ME, Mosley TH Jr. Relationship between midlife cardiovascular health and late-life physical

- performance: The ARIC Study. *Journal of the American Geriatrics Society*. 2017;65(5):1012-1018. PMID: PMC5435564
154. Yang C, Kwak L, Ballew SH, Garimella PS, Jaar BG, Folsom AR, Heiss G, Selvin E, **Lutsey PL**, Coresh J, Matsushita K. Kidney function, bone-mineral metabolism markers, and future risk of peripheral artery disease. *Atherosclerosis*. 2017;267:167-174. PMID: PMC5705382
 155. Zhao D, Ouyang P, de Boer IH, **Lutsey PL**, Farag YM, Guallar E, Siscovick DS, Post WS, Kalyani RR, Billups KL, Michos ED. Serum vitamin D and sex hormones levels in men and women: The Multi-Ethnic Study of Atherosclerosis (MESA). *Maturitas*. 2017;96:95-102. PMID: PMC5218632
 156. Zhao YY, Weng J, Mobley DR, Wang R, Kwon Y, Zee PC, **Lutsey PL**, Redline S. Effect of manual editing of total recording time: Implications for home sleep apnea testing. *Journal of Clinical Sleep Medicine* 2017;13(1):121-126. PMID: PMC5181603
 157. Alonso A, MacLehose RF, Chen LY, Bengtson GS, Chamberlain AM, Norby FL, **Lutsey PL**. Oral anticoagulants and liver injury: The threat of uncontrolled confounding. *Heart*. 2018;104(1):84. PMID: PMC6192737
 158. Benjamin EJ, Virani SS, Callaway CW, Chamberlain AM, Chang AR, Cheng S, Chiuve SE, Cushman M, Delling FN, Deo R, de Ferranti SD, Ferguson JF, Fornage M, Gillespie C, Isasi CR, Jimenez MC, Jordan LC, Judd SE, Lackland D, Lichtman JH, Lisabeth L, Liu S, Longenecker CT, **Lutsey PL**, Mackey JS, Matchar DB, Matsushita K, Mussolino, ME, Nasir K, O'Flaherty M, Palaniappan LP, Pandey A, Pandey DK, Reeves MJ, Ritchey MD, Rodriguez CJ, Roth GA, Rosamond WD, Sampson UKA, Satou GM, Shah SH, Spartano NL, Tirschwell DL, Tsao CW, Voeks JH, Willey JZ, Wilkins JT, Wu JH, Alger HM, Wong SS, Muntner P. Heart Disease and Stroke Statistics-2018 Update: A Report From the American Heart Association. *Circulation*. 2018;137(12):e67-e492. PMID: Not required.
 159. Chen LY, Norby FL, Chamberlain AM, MacLehose RF, Bengtson LG, **Lutsey PL**, Alonso A. CHA₂DS₂-VASc score and stroke prediction in atrial fibrillation in Whites, Blacks, and Hispanics. *Stroke*. 2018;STROKEAHA118021453. PMID: PMC6541553
 160. Chen N, **Lutsey PL**, MacLehose RF, Claxton JS, Norby FL, Chamberlain AM, Bengtson GS, O'Neal WT, Chen LY, Alonso A. Association of oral anticoagulant type with risk of dementia among patients with nonvalvular atrial fibrillation. *Journal of the American Heart Association*. 2018;7(21):e009561. PMID: PMC6404188
 161. Claxton JS, MacLehose RF, **Lutsey PL**, Norby FL, Chen LY, O'Neal WT, Chamberlain AM, Bengtson GS, Alonso A. A new model to predict major bleeding in patients with atrial fibrillation using warfarin or direct oral anticoagulants. *PLoS One*. 2018;13(9):e0203599. PMID: PMC6130859
 162. Cowan LT, **Lutsey PL**, Pankow JS, Matsushita K, Ishigami J, Lakshminarayan K. Inpatient and outpatient infection as a trigger of cardiovascular disease: The ARIC Study. *Journal of the American Heart Association*. 2018;7(22):e009683. PMID: PMC6404437
 163. +Doan TT, Koo BB, Olgilvie RP, Redline S, **Lutsey PL**. Restless legs syndrome and periodic limb movements during sleep in the Multi-Ethnic Study of Atherosclerosis. *Sleep*. 2018;41(8):zsy106. PMID: PMC6093310
 164. Everson-Rose SA, Mendes de Leon CF, Roetker NS, **Lutsey PL**, Alonso A. Subclinical cardiovascular disease and changes in self-reported mobility: Multi-Ethnic Study of Atherosclerosis. *Journals of Gerontology. Series A: Biological Sciences and Medical Sciences*. 2018;73(2):218-224. PMID: PMC5861943
 165. Folsom AR, **Lutsey PL**, Heckbert SR, Poudel K, Basu S, Hoogeveen RC, Cushman M, Ballantyne CM. Longitudinal increases in blood biomarkers of inflammation or cardiovascular disease and the incidence of venous thromboembolism. *Journal of Thrombosis and Haemostasis*. 2018;16(10):1964-1972. PMID: PMC6173641
 166. Folsom AR, **Lutsey PL**, Klein R, Klein BE, Tang W. Retinal microvascular signs and incidence of abdominal aortic aneurysm: The Atherosclerosis Risk in Communities Study. *Ophthalmic Epidemiology*. 2018;25(3):246-249. PMID: PMC6095136
 167. Hong J, Hatchell KE, Bradfield JP, Bjornes A, Chesi A, Lai CQ, Langefeld CD, Lu L, Lu Y, **Lutsey PL**, Musani SK, Nalls MA, Robinson-Cohen C, Roizen JD, Saxena R, Tucker KL, Ziegler JT, Arking DE, Bis JC, Boerwinkle E, Bottinger EP, Bowden DW, Gilsanz V, Houston DK, Kalkwarf HJ, Kelly A, Lappe JM, Liu Y, Michos ED, Oberfield SE, Palmer ND, Rotter JI, Sapkota B, Shepherd JA, Wilson JG, Basu S, de

- Boer IH, Divers J, Freedman BI, Grant SFA, Hakanarson H, Harris TB, Kestenbaum BR, Kritchevsky SB, Loos RJF, Norris JM, Norwood AF, Ordovas JM, Pankow JS, Psaty BM, Sanghera DK, Wagenknecht LE, Zemel BS, Meigs J, Dupuis J, Florez JC, Wang T, Liu CT, Engelman CD, Billings LK. Transethnic evaluation identifies low-frequency loci associated with 25-hydroxyvitamin D concentrations. *Journal of Clinical Endocrinology and Metabolism*. 2018;103(4):1380-1392. PMID: PMC6276579
168. Jackson CL, Patel SR, Jackson WB 2nd, **Lutsey PL**, Redline S. Agreement between self-reported and objectively measured sleep duration among White, Black, Hispanic, and Chinese adults in the United States: Multi-Ethnic Study of Atherosclerosis. *Sleep*. 2018;41(6):zsy057. PMID: PMC5995218
169. Jiang X, O'Reilly PF, Aschard H, Hsu YH, Richards JB, Dupuis J, Ingelsson E, Karasik D, Pilz S, Berry D, Kestenbaum B, Zheng J, Luan J, Sofianopoulou E, Streeten EA, Albanes D, **Lutsey PL**, Yao L, Tang W, Econs MJ, Wallaschofski H, Volzke H, Zhou A, Power C, McCarthy MI, Michos ED, Boerwinkle E, Weinstein, SJ, Freedman ND, Huang WY, Van Schoor NM, van der Velde N, Groot L, Enneman A, Cupples LA, Booth SL, Vasani RS, Liu CT, Zhou Y, Ripatti S, Ohlsson C, Vandenput L, Lorentzon M, Eriksson JG, Shea MK, Houston DK, Kritchevsky SB, Liu Y, Lohman KK, Ferrucci L, Peacock M, Gieger C, Beekman M, Slagboom E, Deelen J, Heemst DV, Kleber ME, Marz W, de Boer IH, Wood AC, Rotter JI, Rich SS, Robinson-Cohen C, den Heijer M, Jarvelin MR, Cavadin A, Joshi, PK, Wilson JF, Hayward C, Lind L, Michaelsson K, Trompet S, Zillikens MC, Uitterlinden AG, Rivadeneira F, Broer L, Zgaga L, Campbell H, Theodoratou E, Farrington SM, Timofeeva M, Dunlop MG, Valdes AM, Tikkanen E, Lehtimäki T, Lyytikäinen LP, Kahonen M, Raitakari OT, Mikkilä V, Ikram MA, Sattar N, Jukema JW, Wareham NJ, Langenberg C, Forouhi NG, Gundersen TE, Khaw KT, Butterworth AS, Danesh J, Spector T, Wang TJ, Hyppönen E, Kraft P, Kiel DP. Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. *Nature Communications*. 2018;9(1):260. PMID: PMC5772647
170. Jukic AMZ, Hoofnagle AN, **Lutsey PL**. Measurement of vitamin D for epidemiologic and clinical research: Shining light on a complex decision. *American Journal of Epidemiology*. 2018;187(4):879-890. PMID: PMC5889008
171. Kim SM, Zhao D, Podolanczuk AJ, **Lutsey PL**, Guallar E, Kawut SM, Barr RG, de Boer IH, Kestenbaum BR, Lederer DJ, Michos ED. Serum 25-hydroxyvitamin D concentrations are associated with computed tomography markers of subclinical interstitial lung disease among community-dwelling adults in the Multi-Ethnic Study of Atherosclerosis (MESA). *Journal of Nutrition*. 2018;148(7):1126-1134. PMID: PMC6454444
172. Kwon Y, Jacobs DR Jr, **Lutsey PL**, Brumback L, Chirinos JA, Mariani S, Redline S, Duprez DA. Sleep disordered breathing and ECG R-wave to radial artery pulse delay, The Multi-Ethnic Study of Atherosclerosis. *Sleep Medicine*. 2018;48:172-179. PMID: PMC6051731
173. Li L, Selvin E, **Lutsey PL**, Hoogeveen RC, O'Neal WT, Soliman EZ, Chen LY, Alonso A. Association of N-terminal pro B-type natriuretic peptide (NT-proBNP) change with the risk of atrial fibrillation in the ARIC cohort. *American Heart Journal*. 2018;204:119-127. PMID: PMC6214728
174. **Lutsey PL**, Chen LY, Eaton A, Jaeb M, Rudser KD, Neaton JD, Alonso A. A pilot randomized trial of oral magnesium supplementation on supraventricular arrhythmias. *Nutrients*. 2018;10(7):84. PMID: PMC6073799
175. **Lutsey PL**, Horvath KJ, Fullam L, Moll S, Rooney MR, Cushman M, Zakai NA. Anticoagulant preferences and concerns among venous thromboembolism patients. *Thrombosis and Haemostasis*. 2018;118(3):553-561. PMID: PMC6203330
176. **Lutsey PL**, Misialek JR, Mosley TH, Gottesman RF, Punjabi NM, Shahar E, MacLehose R, O'Gilvie RP, Knopman D, Alonso A. Sleep characteristics and risk of dementia and Alzheimer's disease: The Atherosclerosis Risk in Communities Study. *Alzheimers Dement*. 2018;14(2):157-166. PMID: PMC5776061
177. **Lutsey PL**, Norby FL, Alonso A, Cushman M, Chen LY, Michos ED, Folsom AR. Atrial fibrillation and venous thromboembolism: Evidence of bidirectionality in the Atherosclerosis Risk in Communities Study. *Journal of Thrombosis and Haemostasis*. 2018;16(4):670-679. PMID: PMC5893387
178. **Lutsey PL**, Rooney MR, Folsom AR, Michos ED, Alonso A, Tang W. Markers of vitamin D metabolism and incidence of clinically diagnosed abdominal aortic aneurysm: The Atherosclerosis Risk in Communities Study. *Vascular Medicine*. 2018;23(3):253-260. PMID: PMC6190682

179. O'Neal WT, Claxton JS, Sandesar PB, MacLehose RF, Chen LY, Bengtson GS, Chamberlain AM, Norby FL, **Lutsey PL**, Alonso A. Provider specialty, anticoagulation, and stroke risk in patients with atrial fibrillation and cancer. *Journal of the American College of Cardiology*. 2018;72(16):1913-1922. PMID: PMC6512871
180. O'Neal WT, Sandesara PB, Claxton JS, MacLehose RF, Chen LY, Bengtson GS, Chamberlain AM, Norby FL, **Lutsey PL**, Alonso A. Influence of sociodemographic factors and provider specialty on anticoagulation prescription fill patterns and outcomes in atrial fibrillation. *American Journal of Cardiology*. 2018;122(3):388-394. PMID: PMC6215489
181. O'Neal WT, Sandesara PB, Claxton JS, MacLehose RF, Chen LY, Bengtson GS, Chamberlain AM, Norby FL, **Lutsey PL**, Alonso A. Provider specialty, anticoagulation prescription patterns, and stroke risk in atrial fibrillation. *Journal of the American Heart Association*. 2018;7(6):e007943. PMID: PMC5907557
182. +Olgilvie RP, Lakshminarayan K, Iber C, Patel SR, **Lutsey PL**. Joint effects of OSA and self-reported sleepiness on incident CHD and stroke. *Sleep Medicine*. 2018;44, 32-37. PMID: PMC5854212
183. +Olgilvie RP, **Lutsey PL**, Widome R, Laska MN, Larson N, Neumark-Sztainer D. Sleep indices and eating behaviours in young adults: findings from Project EAT. *Public Health Nutrition*. 2018;21(4):689-701. PMID: PMC6082117
184. Robinson-Cohen C, Bartz TM, Lai D, Ikizler TA, Peacock M, Imel EA, Michos ED, Foroud TM, Akesson K, Taylor KD, Malmgren L, Matsushita K, Nethander M, Eriksson J, Ohlsson C, Mellstrom D, Wolf M, Ljunggren O, McGuigan F, Rotter JI, Karlsson M, Econs MJ, Ix JH, **Lutsey PL**, Psaty BM, de Boer IH, Kestenbaum BR. Genetic variants associated with circulating fibroblast growth factor 23. *Journal of the American Society of Nephrology*. 2018;29(10):2583-2592. PMID: PMC6171267
185. +Roetker NS, **Lutsey PL**, Zakai NA, Alonso A, Adam TJ, MacLehose RF. All-cause mortality risk with direct oral anticoagulants and warfarin in the primary treatment of venous thromboembolism. *Thrombosis and Haemostasis*. 2018;118(9):1637-1645. PMID: PMC6172009
186. +Rooney MR, Michos ED, Hootman KC, Harnack L, **Lutsey PL**. Trends in calcium supplementation, National Health and Nutrition Examination Survey (NHANES) 1999-2014. *Bone*. 2018;111:23-27. PMID: PMC5924724
187. Schneider ALC, Zhao D, **Lutsey PL**, Gottesman RF, Sharrett AR, Rawlings AM, Alonso A, Knopman D, Mosley TH, Selvin E, Michos ED. Serum vitamin D concentrations and cognitive change over 20 years: The Atherosclerosis Risk in Communities Neurocognitive Study. *Neuroepidemiology*. 2018;51(3-4):131-137. PMID: PMC6240500
188. Shah S, Norby FL, Datta YH, **Lutsey PL**, MacLehose RF, Chen LY, Alonso A. Comparative effectiveness of direct oral anticoagulants and warfarin in patients with cancer and atrial fibrillation. *Blood Advances*. 2018;2(3):200-209. PMID: PMC5812321
189. Weng LC, Roetker NS, **Lutsey PL**, Alonso A, Guan W, Pankow JS, Folsom AR, Steffen LM, Pankratz N, Tang W. Evaluation of the relationship between plasma lipids and abdominal aortic aneurysm: A Mendelian Randomization Study. *PLoS One*. 2018;13(4):e0195719. PMID: PMC5896990
190. +Whitaker KM, **Lutsey PL**, Olgilvie RP, Pankow JS, Bertoni A, Michos ED, Punjabi N, Redline S. Associations between polysomnography and actigraphy-based sleep indices and glycemic control among those with and without type 2 diabetes: The Multi-Ethnic Study of Atherosclerosis. *Sleep*. 2018;41(11):zsy712. PMID: PMC6231520
191. Xu J, Bartz TM, Chittoor G, Eiriksdottir G, Manichaikul AW, Sun F, Terzikhan N, Zhou X, Booth SL, Brusselle GG, de Boer IH, Fornage M, Frazier-Wood AC, Graff M, Gudnason V, Harris TB, Hofman A, Hou R, Houston DK, Jacobs DR, Kritchevsky SB, Latourelle J, Lemaitre RN, **Lutsey PL**, O'Connor G, Oelsner EC, Pankow JS, Psaty BM, Rohde RR, Rich SS, Rotte, JI, Smith LJ, Stricker BH, Voruganti VS, Wang TJ, Zillikens MC, Barr RG, Dupuis J, Gharib SA, Lahousse L, London SJ, North KE, Smith AV, Steffen LM, Hancock DB, Cassano PA. Meta-analysis across Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium provides evidence for an association of serum vitamin D with pulmonary function. *British Journal of Nutrition*. 2018;120(10):1159-1170. PMID: PMC6263170
192. Yao L, Folsom AR, Alonso A, **Lutsey PL**, Pankow JS, Guan W, Cheng S, Lederle FA, Tang W. Association of carotid atherosclerosis and stiffness with abdominal aortic aneurysm: The Atherosclerosis Risk in Communities (ARIC) Study. *Atherosclerosis*. 2018;270:110-116. PMID: PMC5844275

193. Zakai NA, Walker RF, MacLehose RF, Adam TJ, Alonso A, **Lutsey PL**. Impact of anticoagulant choice on hospitalized bleeding risk when treating cancer-associated venous thromboembolism. *Journal of Thrombosis and Haemostasis*. 2018;16(12):2403-2412. PMID: PMC6289651
194. Almuwaqqat Z, Jokhadar M, Norby FL, **Lutsey PL**, O'Neal WT, Seyerle A, Soliman EZ, Chen LY, Bremner JD, Vaccarino V, Shah AJ, Alonso A. Association of antidepressant medication type with the incidence of cardiovascular disease in the ARIC Study. *Journal of the American Heart Association*. 2019;8(11):e012503. PMID: PMC6585369
195. Almuwaqqat Z, O'Neal WT, Norby FL, **Lutsey PL**, Selvin E, Soliman EZ, Chen LY, Alonso A. Joint associations of obesity and NT-proBNP with the incidence of atrial fibrillation in the ARIC Study. *Journal of the American Heart Association*. 2019;8(19):e013294. PMID: PMC6806039
196. Benjamin EJ, Muntner P, Alonso A, Bittencourt MS, Callaway CW, Carson AP, Chamberlain AM, Chang AR, Cheng S, Das SR, Delling FN, Djousse L, Elkind MSV, Ferguson JF, Fornage M, Jordan LC, Khan SS, Kissela BM, Knutson KL, Kwan TW, Lackland DT, Lewis TT, Lichtman JH, Longenecker CT, Loop MS, **Lutsey PL**, Martin SS, Matsushita K, Moran AE, Mussolino ME, O'Flaherty M, Pandey A, Perak AM, Rosamond WD, Roth GA, Sampson UKA, Satou GM, Schroeder EB, Shah SH, Spartano NL, Stokes A, Tirschwell DL, Tsao CW, Turakhia MP, VanWagner LB, Wilkins JT, Wong SS, Virani SS. Heart Disease and Stroke Statistics-2019 Update: A Report From the American Heart Association. *Circulation*. 2019;139(10):e56-e528. PMID: Not required.
197. Berman JP, Norby FL, Mosley T, Soliman EZ, Gottesman RF, **Lutsey PL**, Alonso A, Chen LY. Atrial fibrillation and brain magnetic resonance imaging abnormalities. *Stroke*. 2019;50(4):783-788. PMID: PMC6662638
198. Claxton JS, **Lutsey PL**, MacLehose RF, Chen LY, Lewis TT, Alonso A. Geographic disparities in the incidence of stroke among patients with atrial fibrillation in the United States. *Journal of Stroke and Cerebrovascular Diseases*. 2019;28(4):890-899. PMID: PMC6475902
199. Claxton JS, MacLehose RF, **Lutsey PL**, Norby FL, Chen LY, O'Neal WT, Chamberlain AM, Bengtson GS, Alonso A. A new model to predict ischemic stroke in patients with atrial fibrillation using warfarin or direct oral anticoagulants. *Heart Rhythm*. 2019;16(6):820-826. PMID: PMC6545238
200. Cowan LT, Lakshminarayan K, **Lutsey PL**, Folsom AR, Beck J, Offenbacher S, Pankow JS. Periodontal disease and incident venous thromboembolism: The Atherosclerosis Risk in Communities study. *Journal of Clinical Periodontology*. 2019;46(1):12-19. PMID: PMC6340749
201. Decker JJ, Norby FL, Rooney MR, Soliman EZ, **Lutsey PL**, Pankow JS, Alonso A, Chen LY. Metabolic syndrome and risk of ischemic stroke in atrial fibrillation: ARIC Study. *Stroke*. 2019;50(11):3045-3050. PMID: PMC6817422
202. Fashanu OE, Zhao D, Schneider ALC, Rawlings AM, Sharrett AR, **Lutsey PL**, Gottesman RF, Gross AL, Guallar E, Alonso A, Mosley TH, Michos ED. Mid-life serum vitamin D concentrations were associated with incident dementia but not late-life neuropsychological performance in the Atherosclerosis Risk in Communities (ARIC) Study. *BMC Neurology*. 2019;19(1):244. PMID: PMC6805504
203. Folsom AR, Basu S, Hong CP, Heckbert SR, **Lutsey PL**, Rosamond WD, Cushman M. The Reply. *American Journal of Medicine*. 2019;132(11):e808. PMID: Not required.
204. Folsom AR, Basu S, Hong CP, Heckbert SR, **Lutsey PL**, Rosamond WD, Cushman M. Reasons for differences in the incidence of venous thromboembolism in Black versus White Americans. *American Journal of Medicine*. 2019;132(8):970-976. PMID: PMC6744355
205. Folsom AR, **Lutsey PL**, Misialek JR, Cushman M. A prospective study of migraine history and venous thromboembolism in older adults. *Research and Practice in Thrombosis and Haemostasis*. 2019;3(3):357-363. PMID: PMC6611375
206. Gutierrez A, Norby FL, Maheshwari A, Rooney MR, Gottesman RF, Mosley TH, **Lutsey PL**, Oldenburg N, Soliman EZ, Alonso A, Chen LY. Association of abnormal P-wave indices with dementia and cognitive decline over 25 years: ARIC-NCS (The Atherosclerosis Risk in Communities Neurocognitive Study). *Journal of the American Heart Association*. 2019;8(24):e014553. PMID: PMC6951047
207. Kapoor K, Fashanu O, Post WS, **Lutsey PL**, Michos ED, deFilippi CR, McEvoy JW. Relation of dietary sodium intake with subclinical markers of cardiovascular disease (from MESA). *American Journal of Cardiology*. 2019;124(4):636-643. PMID: PMC6689326

208. +Kwon Y, Logan J, Redline S, Duprez D, Jacobs DR Jr, Ouyang P, Hundley WG, Lima J, Bluemke DA, **Lutsey PL**. Obstructive sleep apnea and structural/functional properties of the thoracic ascending aorta: The Multi-Ethnic Study of Atherosclerosis (MESA). *Cardiology*. 2019;142(3):180-188. PMID: PMC6712423
209. Liang J, Cade BE, He KY, Wang H, Lee J, Sofer T, Williams S, Li R, Chen H, Gottlieb DJ, Evans DS, Guo X, Gharib SA, Hale L, Hillman DR, **Lutsey PL**, Mukherjee S, Ochs-Balcom HM, Palmer LJ, Rhodes J, Purcell S, Patel SR, Saxena R, Stone KL, Tang W, Tranah GJ, Boerwinkle E, Lin X, Liu Y, Psaty BM, Vasani RS, Cho MH, Manichaikul A, Silverman EK, Barr RG, Rich SS, Rotter JI, Wilson JG, Redline S, Zhu X. Sequencing analysis at 8p23 identifies multiple rare variants in DLC1 associated with sleep-related oxyhemoglobin saturation level. *American Journal of Human Genetics*. 2019;105(5):1057-1068. PMID: PMC6849112
210. **Lutsey PL**, Chen N, Mirabelli MC, Lakshminarayan K, Knopman DS, Vessel KA, Gottesman RF, Mosley TH, Alonso A. Impaired lung function, lung disease, and risk of incident dementia. *American Journal of Respiratory and Critical Care Medicine*. 2019;199(11):1385-1396. PMID: PMC6543713
211. **Lutsey PL**, Norby FL, Zakai NA, MacLehose RF, Chen LY, Shah S, Datta YH, Alonso A. Oral anticoagulation therapy and subsequent risk of venous thromboembolism in atrial fibrillation patients. *Current Medical Research and Opinion*. 2019;35(5):837-845. PMID: PMC6449182
212. **Lutsey PL**, Walker RF, MacLehose RF, Alonso A, Adam TJ, Zakai NA. Direct oral anticoagulants and warfarin for venous thromboembolism treatment: Trends from 2012 to 2017. *Research and Practice in Thrombosis and Haemostasis*. 2019;3(4):668-673. PMID: PMC6782014
213. **Lutsey PL**, Zakai NA, MacLehose RF, Norby FL, Walker RF, Roetker NS, Adam TJ, Alonso A. Risk of hospitalised bleeding in comparisons of oral anticoagulant options for the primary treatment of venous thromboembolism. *British Journal of Haematology*. 2019;185(5):903-911. PMID: PMC6536346
214. Millen AE, Nie J, Mares JA, **Lutsey PL**, LaMonte MJ, Meuer SM, Sahli MW, Andrews CA, Klein BE, Klein R. Serum 25-hydroxyvitamin D concentrations and incidence of age-related macular degeneration: The Atherosclerosis Risk in Communities Study. *Investigative Ophthalmology and Visual Science*. 2019;60(5):1362-1371. PMID: PMC6892376
215. O'Neal WT, Alam AB, Sandesara PB, Claxton JS, MacLehose RF, Chen LY, Bengtson GS, Chamberlain AM, Norby FL, **Lutsey PL**, Alonso A. Sex and racial differences in cardiovascular disease risk in patients with atrial fibrillation. *PLoS One*. 2019;14(9):e0222147. PMID: PMC6726240
216. +Ogilvie RP, MacLehose RF, Alonso A, Norby FL, Lakshminarayan K, Iber C, Chen LY, **Lutsey PL**. Diagnosed sleep apnea and cardiovascular disease in atrial fibrillation patients: The role of measurement error from administrative data. *Epidemiology*. 2019;30(6):885-892. PMID: PMC7993055
217. Onyiahala G, **Lutsey PL**, Demerath EW, Folsom AR, Joshi CE, Platz EA, Prizment AE. Association between greater leg length and increased incidence of colorectal cancer: The Atherosclerosis Risk in Communities (ARIC) Study. *Cancer Causes and Control*. 2019;30(8):791-797. PMID: PMC6681820
218. Oyenuga AO, Folsom AR, **Lutsey PL**, Tang W. Association of Life's Simple 7 with reduced clinically manifest abdominal aortic aneurysm: The ARIC Study. *Vascular Medicine*. 2019;24(3):224-229. PMID: PMC6530464
219. Polter EJ, Onyiahala G, **Lutsey PL**, Folsom AR, Joshi CE, Platz EA, Prizment AE. Prospective association of serum and dietary magnesium with colorectal cancer incidence. *Cancer Epidemiology, Biomarkers and Prevention*. 2019;28(8):1292-1299. PMID: PMC6677594
220. +Rooney MR, **Lutsey PL**, Bhatti P, Prizment A. Urinary 2,5-dichlorophenol and 2,4-dichlorophenol concentrations and prevalent disease among adults in the National Health and Nutrition Examination Survey (NHANES). *Occupational and Environmental Medicine*. 2019;76(3):181-188. PMID: PMC6377840
221. +Rooney MR, Soliman EZ, **Lutsey PL**, Norby FL, Loehr LR, Mosley TH, Zhang M, Gottesman RF, Coresh J, Folsom AR, Alonso A, Chen LY. Prevalence and characteristics of subclinical atrial fibrillation in a community-dwelling elderly population: The ARIC Study. *Circulation: Arrhythmia and Electrophysiology*. 2019;12(10):e007390. PMID: PMC6814387
222. Tang W, Yao L, Hoogeveen RC, Alonso A, Couper DJ, **Lutsey PL**, Steenson CC, Guan W, Hunter DW, Lederle FA, Folsom AR. The association of biomarkers of inflammation and extracellular matrix

- degradation with the risk of abdominal aortic aneurysm: The ARIC Study. *Angiology*. 2019;70(2):130-140. PMID: PMC6810681
223. Travis RC, Perez-Cornago A, Appleby PN, Albanes D, Joshu CE, **Lutsey PL**, Mondul AM, Platz EA, Weinstein SJ, Layne TM, Helzlsouer KJ, Visvanathan K, Palli D, Peeters PH, Bueno-de-Mesquita B, Trichopoulos A, Gunter MJ, Tsilidis KK, Sanchez MJ, Olsen A, Brenner H, Schottker B, Perna L, Holleccek B, Knekt P, Rissanen H, Yeap BB, Flicker L, Almeida OP, Wong YYE, Chan JM, Giovannucci EL, Stampfer MJ, Ursin G, Gislefoss RE, Bjorge T, Meyer HE, Blomhoff R, Tsugane S, Sawada N, English DR, Eyles DW, Heath AK, Williamson EJ, Manjer J, Malm J, Almquist M, Marchand LL, Haiman CA, Wilkens LR, Schenk JM, Tangen CM, Black A, Cook MB, Huang WY, Ziegler RG, Martin RM, Hamdy FC, Donovan JL, Neal DE, Touvier M, Hercberg S, Galan P, Deschasaux M, Key TJ, Allen NE. A collaborative analysis of individual participant data from 19 prospective studies assesses circulating vitamin D and prostate cancer risk. *Cancer Research*. 2019;79(1):274-285. PMID: PMC6330070
224. Walker KA, Sharrett AR, Wu A, Schneider ALC, Albert M, **Lutsey PL**, Bandeen-Roche K, Coresh J, Gross AL, Windham BG, Knopman DS, Power MC, Rawlings AM, Mosley TH, Gottesman RF. Association of midlife to late-life blood pressure patterns with incident dementia. *JAMA*. 2019;322(6):535-545. PMID: PMC6692677
225. +Walker RF, Zakai NA, MacLehose RF, Cowan LT, Adam TJ, Alonso A, **Lutsey PL**. Association of testosterone therapy with risk of venous thromboembolism among men with and without hypogonadism. *JAMA Internal Medicine*. 2019;180(2):190-197. PMID: PMC6865248
226. Wang SY, Tan ASL, Claggett B, Chandra A, Khatana SAM, **Lutsey PL**, Kucharska-Newton A, Koton S, Solomon SD, Kawachi I. Longitudinal associations between income changes and incident cardiovascular disease: The Atherosclerosis Risk in Communities Study. *JAMA Cardiol* 2019;4(12):1203-1212. PMID: PMC6802267
227. Zhang MJ, Norby FL, **Lutsey PL**, Mosley TH, Cogswell RJ, Konety SH, Chao TF, Shah AM, Solomon SD, Alonso A and Chen LY. Association of left atrial enlargement and atrial fibrillation with cognitive function and decline: The ARIC-NCS. *Journal of the American Heart Association*. 2019; 8:23, e013197. PMID: PMC6912953
228. Alam AB, **Lutsey PL**, Gottesman RF, Tin A and Alonso A. Low serum magnesium is associated with incident dementia in the ARIC-NCS Cohort. *Nutrients*. 2020; 12(10): PMID: PMC7600951
229. Alonso A, Chen LY, Rudser KD, Norby FL, Rooney MR and **Lutsey PL**. Effect of magnesium supplementation on circulating biomarkers of cardiovascular disease. *Nutrients*. 2020; 12(6): PMID: PMC7352673
230. Alonso A, Rooney MR, Chen LY, Norby FL, Saenger AK, Soliman EZ, O'neal WT, Hootman KC, Selvin E and **Lutsey PL**. Circulating electrolytes and the prevalence of atrial fibrillation and supraventricular ectopy: The Atherosclerosis Risk in Communities (ARIC) study. *Nutrition, Metabolism, and Cardiovascular Diseases*. 2020; 30(7): 1121-1129. PMID: PMC730299
231. Awotoye J, Fashanu OE, **Lutsey PL**, Zhao D, O'Neal WT and Michos ED. Resting heart rate and incident venous thromboembolism: the Multi-Ethnic Study of Atherosclerosis. *Open Heart*. 2020; 7(1): e001080. PMID: PMC7046973
232. Chen N, Alam AB, **Lutsey PL**, MacLehose RF, Claxton JS, Chen LY, Chamberlain AM and Alonso A. Polypharmacy, adverse outcomes, and treatment effectiveness in patients ≥ 75 with atrial fibrillation. *Journal of the American Heart Association*. 2020; 9(11): e015089. PMID: PMC7429010
233. Claxton JS, Chamberlain AM, **Lutsey PL**, Chen LY, MacLehose RF, Bengtson LGS and Alonso A. Association of multimorbidity with cardiovascular endpoints and treatment effectiveness in patients 75 Years and older with atrial fibrillation. *American Journal of Medicine*. 2020; 133(10): e554-e567. PMID: PMC8039851
234. Cowan LT, Lakshminarayan K, **Lutsey PL**, Beck J, Offenbacher S and Pankow JS. Endodontic therapy and incident cardiovascular disease: The Atherosclerosis Risk in Communities (ARIC) study. *Journal of Public Health Dentistry*. 2020; 80(1): 79-91. PMID: Pending
235. Demmer RT, Norby FL, Lakshminarayan K, Walker KA, Pankow JS, Folsom AR, Mosley T, Beck J and **Lutsey PL**. Periodontal disease and incident dementia: The Atherosclerosis Risk in Communities Study (ARIC). *Neurology*. 2020; 95(12): e1660-e1671. PMID: PMC7713724

236. Evans CR, Hong CP, Folsom AR, Heckbert SR, Smith NL, Wiggins K, **Lutsey PL** and Cushman M. Lifestyle moderates genetic risk of venous thromboembolism: The ARIC Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*. 2020; 40(11): 2756-2763. PMID: PMC8498945
237. Fanola CL, Norby FL, Shah AM, Chang PP, **Lutsey PL**, Rosamond WD, Cushman M and Folsom AR. Incident heart failure and long-term risk for venous thromboembolism. *Journal of the American College of Cardiology*. 2020; 75(2): 148-158. PMID: PMC7262575
238. Folsom AR, **Lutsey PL**, Pope ZC, Fashanu OE, Misialek JR, Cushman M and Michos ED. Resting heart rate and incidence of venous thromboembolism. *Research and Practice in Thrombosis and Haemostasis*. 2020; 4(2): 238-246. PMID: PMC7040544
239. Folsom AR, Wang W, Parikh R, **Lutsey PL**, Beckman JD and Cushman M. Hematocrit and incidence of venous thromboembolism. *Research and Practice in Thrombosis and Haemostasis*. 2020; 4(3): 422-428. PMID: PMC7086464
240. French SA, **Lutsey PL**, Rosamond W, Macle hose RF, Cushman M and Folsom AR. Weight change over 9 years and subsequent risk of venous thromboembolism in the ARIC cohort. *International Journal of Obesity (2005)*. 2020; 44(12): 2465-2471. PMID: PMC7686265
241. Full KM, Jackson CL, Rebholz CM, Matsushita K and **Lutsey PL**. Obstructive sleep apnea, other sleep characteristics, and risk of CKD in the Atherosclerosis Risk in Communities Sleep Heart Health Study. *Journal of the American Society of Nephrology*. 2020; 31(8): 1859-1869. PMID: PMC7460900
242. +Full KM, **Lutsey PL**, Norby FL, Alonso A, Soliman EZ, Rooney MR and Chen LY. Association between excessive daytime sleepiness and measures of supraventricular arrhythmia burden: Evidence from the Atherosclerosis Risk in Communities (ARIC) study. *Sleep Breath*. 2020; 24(3): 1223-1227. PMID: PMC7931629
243. Gellert KS, Keil AP, Zeng D, Lesko CR, Aubert RE, Avery CL, **Lutsey PL**, Siega-Riz AM, Windham BG and Heiss G. Reducing the population burden of coronary heart disease by modifying adiposity: Estimates from the ARIC Study. *Journal of the American Heart Association*. 2020; 9(4): e012214. PMID: PMC7070207
244. George KM, Folsom AR, Norby FL and **Lutsey PL**. No association found between midlife seropositivity for infection and subsequent cognitive decline: The Atherosclerosis Risk in Communities Neurocognitive Study (ARIC-NCS). *Journal of Geriatric Psychiatry and Neurology*. 2020; 33(1): 15-21. PMID: PMC6895401
245. +George KM, Folsom AR, Sharrett AR, Mosley TH, Gottesman RF, Hamedani AG and **Lutsey PL**. Migraine headache and risk of dementia in the Atherosclerosis Risk in Communities Neurocognitive Study. *Headache*. 2020; 60(5): 946-953. PMID: PMC7192135
246. +George KM, **Lutsey PL**, Kucharska-Newton A, Palta P, Heiss G, Osypuk T and Folsom AR. Life-course individual and neighborhood socioeconomic status and risk of dementia in the Atherosclerosis Risk in Communities Neurocognitive Study. *American Journal of Epidemiology*. 2020; 189(10): 1134-1142. PMID: PMC7666419
247. +Harbin MM and **Lutsey PL**. May-Thurner syndrome: History of understanding and need for defining population prevalence. *Journal of Thrombosis and Haemostasis*. 2020; 18(3): 534-542. PMID: Not required.
248. Hodis JD, Gottesman RF, Windham BG, Knopman DS, **Lutsey PL**, Walker KA and Alonso A. Association of hypertension according to New American College of Cardiology/American Heart Association Blood Pressure Guidelines with incident dementia in the ARIC Study Cohort. *Journal of the American Heart Association*. 2020; 9(22): e017546. PMID: PMC7763722
249. Ishigami J, Cowan LT, Demmer RT, Grams ME, **Lutsey PL**, Carrero JJ, Coresh J and Matsushita K. Incident hospitalization with major cardiovascular diseases and subsequent risk of ESKD: Implications for cardiorenal syndrome. *Journal of the American Society of Nephrology*. 2020; 31(2): 405-414. PMID: PMC7003293
250. Ishigami J, Cowan LT, Demmer RT, Grams ME, **Lutsey PL**, Coresh J and Matsushita K. Hospitalization with major infection and incidence of end-stage renal disease: The Atherosclerosis Risk in Communities (ARIC) Study. *Mayo Clinic Proceedings*. 2020; 95(9): 1928-1939. PMID: Pending

251. Kim J, Wang W, Norby FL, Zhang M, Alonso A, **Lutsey PL**, Soliman EZ, Wolfson J and Chen LY. Diurnal circadian variations in paroxysmal atrial fibrillation: The atherosclerosis risk in communities (ARIC) study. *Journal of Electrocardiology*. 2020; 6398-103. PMID: PMC7736503
252. Larosa AR, Claxton J, O'neal WT, **Lutsey PL**, Chen LY, Bengtson L, Chamberlain AM, Alonso A and Magnani JW. Association of household income and adverse outcomes in patients with atrial fibrillation. *Heart*. 2020; 106(21): 1679-1685. PMID: PMC7483243
253. Li D, Rooney MR, Burmeister LA, Basta NE and **Lutsey PL**. Trends in daily use of biotin supplements among US adults, 1999-2016. *JAMA*. 2020; 324(6): 605-607. PMID: PMC7420177
254. **Lutsey PL**, Macle hose RF, Claxton JS, Walker RF, Adam TJ, Alonso A and Zakai NA. Impact of oral anticoagulation choice on healthcare utilization for the primary treatment of venous thromboembolism. *Vascular Medicine*. 2020; 25(6): 549-556. PMID: PMC8560305
255. **Lutsey PL**, Norby FL and Alonso A. Oral anticoagulants, proton pump inhibitors, and fracture-reply. *JAMA Internal Medicine*. 2020; 180(4): 617-618. PMID: Not required.
256. **Lutsey PL**, Norby FL, Ensrud KE, Macle hose RF, Diem SJ, Chen LY and Alonso A. Association of anticoagulant therapy with risk of fracture among patients with atrial fibrillation. *JAMA Internal Medicine*. 2020; 180(2): 245-253. PMID: PMC6902159
257. **Lutsey PL**, Windham BG, Misialek JR, Cushman M, Kucharska-Newton A, Basu S and Folsom AR. Long-term association of venous thromboembolism with frailty, physical functioning, and quality of life: The Atherosclerosis Risk in Communities Study. *Journal of the American Heart Association*. 2020; 9(12): e015656. PMID: PMC7429054
258. Menez S, Ding N, Grams ME, **Lutsey PL**, Heiss G, Folsom AR, Selvin E, Coresh J, Jaar BG and Matsushita K. Serum magnesium, bone-mineral metabolism markers and their interactions with kidney function on subsequent risk of peripheral artery disease: the Atherosclerosis Risk in Communities Study. *Nephrology, Dialysis, Transplantation*. 2020; 35(11): 1878-1885. PMID: PMC7821706
259. Moazzami K, Power MC, Gottesman R, Mosley T, **Lutsey PL**, Jack CR, Jr., Hoogeveen RC, West N, Knopman DS and Alonso A. Association of mid-life serum lipid levels with late-life brain volumes: The atherosclerosis risk in communities neurocognitive study (ARICNCS). *Neuroimage*. 2020; 223117324. PMID: PMC9006082 .
260. Moazzami K, Shao IY, Chen LY, **Lutsey PL**, Jack CR, Jr., Mosley T, Joyner DA, Gottesman R and Alonso A. Atrial fibrillation, brain volumes, and subclinical cerebrovascular disease (from the Atherosclerosis Risk in Communities Neurocognitive Study [ARIC-NCS]). *American Journal of Cardiology*. 2020; 125(2): 222-228. PMID: PMC6942172
261. Onyeghala G, Lintelmann AK, Joshu CE, **Lutsey PL**, Folsom AR, Robien K, Platz EA and Prizment AE. Adherence to the World Cancer Research Fund/American Institute for Cancer Research cancer prevention guidelines and colorectal cancer incidence among African Americans and whites: The Atherosclerosis Risk in Communities study. *Cancer*. 2020; 126(5): 1041-1050. PMID: PMC7021569
262. +Poudel K, Shah AM, Michos ED, Folsom AR, Konety S and **Lutsey PL**. Association of serum calcium and phosphorus with measures of left ventricular structure and function: The ARIC study. *Nutrition, Metabolism, and Cardiovascular Diseases*. 2020; 30(5): 758-767. PMID: PMC7188587
263. Prins KW, Kalra R, Rose L, Assad TR, Archer SL, Bajaj NS, Weir EK, Prisco SZ, Pritzker M, **Lutsey PL**, Brittain EL and Thenappan T. Hypochloremia is a noninvasive predictor of mortality in pulmonary arterial hypertension. *Journal of the American Heart Association*. 2020; 9(5): e015221. PMID: PMC7335577
264. Razavi AC, Gingras V, Michos ED, Navar AM, Brown SA, Delker E, Foti K, Harrison S, Lu Y, Nierenberg JL, Scott J, Tang O, Thomas AG, Turkson-Ocran RA, Wallace A, Zhang M, Lancaster KJ, **Lutsey PL** and Selvin E. American Heart Association EPI|Lifestyle Scientific Sessions: 2020 Meeting Highlights. *Journal of the American Heart Association*. 2020; 9(12): e017252. PMID: PMC7429023
265. +Rooney MR, Alonso A, Folsom AR, Michos ED, Rebholz CM, Misialek JR, Chen LY, Dudley S and **Lutsey PL**. Serum magnesium and the incidence of coronary artery disease over a median 27 years of follow-up in the Atherosclerosis Risk in Communities (ARIC) Study and a meta-analysis. *American Journal of Clinical Nutrition*. 2020; 111(1): 52-60. PMID: PMC7307183
266. Rooney MR, **Lutsey PL**, Alonso A, Selvin E, Pankow JS, Rudser KD, Dudley SC, Jr. and Chen LY. Serum magnesium and burden of atrial and ventricular arrhythmias: The Atherosclerosis Risk in Communities (ARIC) Study. *Journal of Electrocardiology*. 2020; 6220-25. PMID: PMC7665977

267. +Rooney MR, Rudser KD, Alonso A, Harnack L, Saenger AK and **Lutsey PL**. Circulating ionized magnesium: Comparisons with circulating total magnesium and the response to magnesium supplementation in a randomized controlled trial. *Nutrients*. 2020; 12(1): PMID: PMC7019442
268. Tang W, Saratzis A, Pattee J, Smith J, Pankratz N, Leavy OC, Guan W, Dudbridge F, Pankow JS, Kitas GD, **Lutsey PL** and Bown MJ. Replication of newly identified genetic associations between abdominal aortic aneurysm and SMYD2, LINC00540, PCIF1/MMP9/ZNF335, and ERG. *European Journal of Vascular and Endovascular Surgery*. 2020; 59(1): 92-97. PMID: PMC6954948
269. Virani SS, Alonso A, Benjamin EJ, Bittencourt MS, Callaway CW, Carson AP, Chamberlain AM, Chang AR, Cheng S, Delling FN, Djousse L, Elkind MSV, Ferguson JF, Fornage M, Khan SS, Kissela BM, Knutson KL, Kwan TW, Lackland DT, Lewis TT, Lichtman JH, Longenecker CT, Loop MS, **Lutsey PL**, Martin SS, Matsushita K, Moran AE, Mussolino ME, Perak AM, Rosamond WD, Roth GA, Sampson UKA, Satou GM, Schroeder EB, Shah SH, Shay CM, Spartano NL, Stokes A, Tirschwell DL, Vanwagner LB and Tsao CW. Heart Disease and Stroke Statistics-2020 Update: A report from the American Heart Association. *Circulation*. 2020; 141(9): e139-e596. PMID: Not required
270. +Walker RF, Zakai NA, Macle hose RF, Cowan LT, Adam TJ, Alonso A and **Lutsey PL**. Association of testosterone therapy with risk of venous thromboembolism among men with and without hypogonadism. *JAMA Internal Medicine*. 2020; 180(2): 190-197. PMID: PMC6865248
271. Wang W, Norby FL, Rooney MR, Zhang M, Gutierrez A, Garg P, Soliman EZ, Alonso A, Dudley SC, Jr., **Lutsey PL** and Chen LY. Association of Life's Simple 7 with atrial fibrillation burden (from the Atherosclerosis Risk in Communities Study). *American Journal of Cardiology*. 2020; 13731-38. PMID: PMC7704629
272. Alam AB, Thomas DS, **Lutsey PL**, Shrestha S, Alonso A. Associations of serum magnesium with brain morphology and subclinical cerebrovascular disease: The Atherosclerosis Risk in Communities-Neurocognitive Study. *Nutrients*. 2021;13(12) PMID: PMC8703422.
273. Almuwaqqat Z, Claxton JS, Norby FL, **Lutsey PL**, Wei J, Soliman EZ, Chen LY, Matsushita K, Heiss G, Alonso A. Association of arterial stiffness with incident atrial fibrillation: a cohort study. *BMC Cardiovascular Disorders*. 2021;21(1):247 PMID: PMC8139144
274. Alonso A, Norby FL, MacLe hose RF, Zakai NA, Walker RF, Adam TJ, **Lutsey PL**. Claims-based score for the prediction of bleeding in a contemporary cohort of patients receiving oral anticoagulation for venous thromboembolism. *Journal of the American Heart Association*. 2021;10(18):e021227 PMID: PMC8649528
275. +Anderson MD, Merkin SS, Everson-Rose SA, Widome R, Seeman T, Magnani JW, Rodriguez CJ, **Lutsey PL**. Health literacy within a diverse community-based cohort: The Multi-Ethnic Study of Atherosclerosis. *J Immigr Minor Health*. 2021;23(4):659-667 PMID: PMC8128937
276. Bertisch SM, Reid M, **Lutsey PL**, Kaufman JD, McClelland R, Patel SR, Redline S. Gender differences in the association of insomnia symptoms and coronary artery calcification in the multi-ethnic study of atherosclerosis. *Sleep*. 2021;44(10) PMID: PMC8503822
277. Cowan LT, Buck B, Schwind JS, **Lutsey PL**, Pankow JS, Matsushita K, Ishigami J, Lakshminarayan K. Triggering of cardiovascular disease by infection type: The Atherosclerosis Risk in Communities study (ARIC). *Int J Cardiol*. 2021;325:155-160 PMID: PMC10031808
278. +Evensen LH, Folsom AR, Pankow JS, Hansen JB, Allison MA, Cushman M, **Lutsey PL**. Hemostatic factors, inflammatory markers, and risk of incident venous thromboembolism: The Multi-Ethnic Study of Atherosclerosis. *Journal of Thrombosis and Haemostasis: JTH*. 2021;19(7):1718-1728 PMID: PMC8606033
279. Fang M, Ishigami J, Echouffo-Tcheugui JB, **Lutsey PL**, Pankow JS, Selvin E. Diabetes and the risk of hospitalisation for infection: the Atherosclerosis Risk in Communities (ARIC) study. *Diabetologia*. 2021;64(11):2458-2465 PMID: PMC8331324
280. Garg PK, Norby FL, Wang W, Krishnappa D, Soliman EZ, **Lutsey PL**, Selvin E, Ballantyne CM, Alonso A, Chen LY. Association of longitudinal changes in cardiac biomarkers with atrial and ventricular arrhythmias (from the Atherosclerosis Risk in Communities [ARIC] Study). *The American Journal of Cardiology*. 2021;158:45-52 PMID: PMC8497411
281. Grams ME, Surapaneni A, Chen J, Zhou L, Yu Z, Dutta D, Welling PA, Chatterjee N, Zhang J, Arking DE, Chen TK, Rebholz CM, Yu B, Schlosser P, Rhee EP, Ballantyne CM, Boerwinkle E, **Lutsey PL**,

- Mosley T, Feldman HI, Dubin RF, Ganz P, Lee H, Zheng Z, Coresh J. Proteins associated with risk of kidney function decline in the general population. *Journal of the American Society of Nephrology: JASN*. 2021;32(9):2291-2302 PMID: PMC8729856
282. Hozayen SM, Zychowski D, Benson S, **Lutsey PL**, Haslbauer J, Tzankov A, Kaltenborn Z, Usher M, Shah S, Tignanelli CJ, Demmer RT. Outpatient and inpatient anticoagulation therapy and the risk for hospital admission and death among COVID-19 patients. *EClinicalMedicine*. 2021;41:101139 PMID: PMC8461367
283. Ishigami J, Grams ME, Michos ED, **Lutsey PL**, Matsushita K. 25-hydroxyvitamin D, fibroblast growth factor 23, and risk of acute kidney injury over 20 years of follow-up. *Kidney Int Rep*. 2021;6(5):1299-1308 PMID: PMC8116771
284. Jackson CL, Umesi C, Gaston SA, Azarbarzin A, Lunyera J, McGrath JA, Jackson Ii WB, Diamantidis CJ, Boulware E, **Lutsey PL**, Redline S. Multiple, objectively measured sleep dimensions including hypoxic burden and chronic kidney disease: Findings from the Multi-Ethnic Study of Atherosclerosis. *Thorax*. 2021;76(7):704-713 PMID: PMC8175452
285. Krishnappa D, Wang W, Rooney MR, Norby FL, Oldenburg NC, Soliman EZ, Alonso A, J OU, Dudley SC, Jr., **Lutsey PL**, Chen LY. Life's Simple 7 cardiovascular health score and premature atrial contractions: The Atherosclerosis Risk In Communities (ARIC) Study. *Int J Cardiol*. 2021;332:70-77 PMID: PMC8164708
286. Kucharska-Newton A, Matsushita K, Mok Y, Minotti M, Oelsner EC, Ring K, Wagenknecht L, Hughes TM, Mosley T, Palta P, **Lutsey PL**, Coresh J. Loneliness and its predictors among older adults prior to and during the COVID-19 pandemic: Cross-sectional and longitudinal survey findings from participants of the Atherosclerosis Risk in Communities (ARIC) Study cohort in the USA. *BMJ Open*. 2021;11(12):e053542 PMID: PMC8640201
287. Kulkarni AA, Rubin N, Tholkes A, Shah S, Ryan CJ, **Lutsey PL**, Prizment A, Rao A. Risk for stroke and myocardial infarction with abiraterone versus enzalutamide in metastatic prostate cancer patients. *ESMO Open*. 2021;6(5):100261 PMID: PMC8437777
288. **Lutsey PL**, Walker RF, MacLehose RF, Norby FL, Evensen LH, Alonso A, Zakai NA. Inpatient versus outpatient acute venous thromboembolism management: Trends and postacute healthcare utilization from 2011 to 2018. *Journal of the American Heart Association*. 2021;10(20):e020428 PMID: PMC8751864
289. MacLehose RF, Zakai NA, Walker RF, Alonso A, Adams T, **Lutsey PL**. Impact of oral anticoagulant choice for the secondary prevention of venous thromboembolism on the risk of inpatient bleeding. *Research and Practice in Thrombosis and Haemostasis*. 2021;5(4):e12514 PMID: PMC8105158
290. Newman SB, Kundel V, Matsuzaki M, Reid M, Kizer JR, Kaplan RC, Fayad ZA, Mani V, Shea S, Allison M, Criqui MH, **Lutsey PL**, McClelland RL, Redline S, Shah NA. Sleep apnea, coronary artery calcium density, and cardiovascular events: Results from the Multi-Ethnic Study of Atherosclerosis. *Journal of Clinical Sleep Medicine: JCSM: Official Publication of the American Academy of Sleep Medicine*. 2021;17(10):2075-2083 PMID: PMC8494092
291. Norby FL, Tang W, Pankow JS, **Lutsey PL**, Alonso A, Steffan B, Chen LY, Zhang M, Shippee ND, Ballantyne CM, Boerwinkle E, Coresh J, Folsom AR. Proteomics and risk of atrial fibrillation in older adults (from the Atherosclerosis Risk in Communities [ARIC] Study). *The American Journal of Cardiology*. 2021;161:42-50 PMID: PMC8608272
292. Parikh RR, Folsom AR, Poudel K, **Lutsey PL**, Demmer RT, Pankow JS, Chen LY, Tang W. Association of differential leukocyte count with incident abdominal aortic aneurysm over 22.5 years: The ARIC Study. *Arteriosclerosis, Thrombosis, And Vascular Biology*. 2021;41(8):2342-2351 PMID: PMC9612423
293. +Rooney MR, Bell EJ, Alonso A, Pankow JS, Demmer RT, Rudser KD, Chen LY, **Lutsey PL**. Proton pump inhibitor use, hypomagnesemia and risk of cardiovascular diseases: The Atherosclerosis Risk in Communities (ARIC) Study. *J Clin Gastroenterol*. 2021;55(8):677-683 PMID: PMC7921206
294. Rooney MR, Norby FL, Maheshwari A, **Lutsey PL**, Dudley SC, Jr., Soliman EZ, Loehr LR, Mosley TH, Coresh J, Alonso A, Chen LY. Frequent premature atrial contractions are associated with poorer cognitive function in the Atherosclerosis Risk in Communities (ARIC) Study. *Mayo Clinic Proceedings*. 2021;96(5):1147-1156 PMID: PMC8106627
295. Rooney MR, Tang O, Echouffo Tcheguui JB, **Lutsey PL**, Grams ME, Windham BG, Selvin E. American Diabetes Association framework for glycemic control in older adults: Implications for risk of

- hospitalization and mortality. *Diabetes Care*. 2021;44(7):1524-1531 PMID: PMC8323179
296. Shao IY, Claxton JS, **Lutsey PL**, Chen LY, MacLehose RF, Alonso A. Association of type of antidepressant initiation with bleeding risk in atrial fibrillation patients taking oral anticoagulants. *Drugs Real World Outcomes*. 2021;8(3):383-391 PMID: PMC8324721
297. Subramanya V, Claxton JS, **Lutsey PL**, MacLehose RF, Chen LY, Chamberlain AM, Norby FL, Alonso A. Sex differences in treatment strategy and adverse outcomes among patients 75 and older with atrial fibrillation in the MarketScan database. *BMC Cardiovascular Disorders*. 2021;21(1):598 PMID: PMC8679994
298. Virani SS, Alonso A, Aparicio HJ, Benjamin EJ, Bittencourt MS, Callaway CW, Carson AP, Chamberlain AM, Cheng S, Delling FN, Elkind MSV, Evenson KR, Ferguson JF, Gupta DK, Khan SS, Kissela BM, Knutson KL, Lee CD, Lewis TT, Liu J, Loop MS, **Lutsey PL**, Ma J, Mackey J, Martin SS, Matchar DB, Mussolino ME, Navaneethan SD, Perak AM, Roth GA, Samad Z, Satou GM, Schroeder EB, Shah SH, Shay CM, Stokes A, VanWagner LB, Wang NY, Tsao CW, American Heart Association Council on E, Prevention Statistics C, Stroke Statistics S. Heart Disease and Stroke Statistics - 2021 Update: A report from the American Heart Association. *Circulation*. 2021;143(8):e254-e743 PMID: Not required
299. +Wang W, Norby FL, George KM, Alonso A, Mosley TH, Gottesman RF, Meyer ML, **Lutsey PL**. Association of carotid intima-media thickness and other carotid ultrasound features with incident dementia in the ARIC-NCS. *Journal of the American Heart Association*. 2021;10(9):e020489 PMID: PMC8200760
300. Wang W, Norby FL, Zhang MJ, Reyes JL, Shah AM, Soliman EZ, **Lutsey PL**, Alonso A, Solomon SD, Inciardi RM, Chen LY. Differences in left atrial size and function and supraventricular ectopy between black and white participants in the ARIC Study. *Journal of the American Heart Association*. 2021;10(21):e021723 PMID: PMC8751819
301. West NA, Johnson DA, **Lutsey PL**, Mosley TH, Redline S. Cognition and 20-year subsequent sleep disturbances. *Sleep Health*. 2021;7(5):631-637 PMID: PMC9829416
302. Yi SY, Steffen LM, **Lutsey PL**, Cushman M, Folsom AR. Contrasting associations of prudent and western dietary patterns with risk of developing venous thromboembolism. *The American Journal of Medicine*. 2021;134(6):763-768 e763 PMID: PMC8447962
303. Zakai NA, Walker RF, MacLehose RF, Koh I, Alonso A, **Lutsey PL**. Venous thrombosis recurrence risk according to warfarin versus direct oral anticoagulants for the secondary prevention of venous thrombosis. *Research and Practice in Thrombosis and Haemostasis*. 2021;5(6):e12575 PMID: PMC8371351
304. Adam HS, Lakshminarayan K, Wang W, Norby FL, Mosley T, Walker KA, Gottesman RF, Meyer K, Hughes TM, Pankow JS, Wong DF, Jack CR, Jr., Sen S, **Lutsey PL**, Beck J, Demmer RT. The prospective association between periodontal disease and brain imaging outcomes: The Atherosclerosis Risk in Communities study. *Journal of Clinical Periodontology*. 2022;49(4):322-334 PMID: PMC8934294
305. Alam AB, **Lutsey PL**, Chen LY, MacLehose RF, Shao IY, Alonso A. Risk factors for dementia in patients with atrial fibrillation. *The American Journal of Cardiology*. 2022;174:48-52 PMID: PMC9181692
306. Caughey MC, Derebail VK, Carden MA, Novelli EM, **Lutsey PL**, Key NS, Kshirsagar AV, Heiss G. Prevalence and outcomes of dehydration in adults with sickle cell trait: The Atherosclerosis Risk in Communities (ARIC) study. *British Journal of Haematology*. 2022;198(2):397-400 PMID: Pending.
307. Daya NR, Fretz A, Martin SS, **Lutsey PL**, Echouffo-Tcheugui JB, Selvin E, Juraschek SP. Association between subclinical thyroid dysfunction and fracture risk. *JAMA Network Open*. 2022;5(11):e2240823 PMID: PMC9644261
308. Ebong IA, Wilson MD, Appiah D, Michos ED, Racette SB, Villablanca A, Breathett K, **Lutsey PL**, Wellons M, Watson KE, Chang P, Bertoni AG. Relationship between age at menopause, obesity, and incident heart failure: The Atherosclerosis Risk in Communities study. *Journal of the American Heart Association*. 2022;11(8):e024461 PMID: PMC9238466
309. +Full KM, Pusalavidyasagar S, Palta P, Sullivan K, Shin JI, Gottesman RF, Spira AP, Pase MP, **Lutsey PL**. Associations of late-life sleep medication use with incident dementia in the Atherosclerosis Risk in Communities (ARIC) study. *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences*. 2022 PMID: PMC9977227 – Journal submits.
310. Hu X, Mok Y, Ding N, Sullivan KJ, **Lutsey PL**, Schrack JA, Palta P, Matsushita K. Physical function and subsequent risk of cardiovascular events in older adults: The Atherosclerosis Risk in Communities study.

- Journal of the American Heart Association*. 2022;11(17):e025780 PMID: PMC9496416.
311. Hwang J, Lyu B, Ballew S, Coresh J, Grams ME, Couper D, **Lutsey P**, Shin JI. The association between socioeconomic status and use of potentially inappropriate medications in older adults. *Journal of the American Geriatrics Society*. 2022 PMID: PMC10089965
 312. Ishigami J, Honda Y, Karger AB, Coresh J, Selvin E, **Lutsey PL**, Matsushita K. 18-year change in serum intact fibroblast growth factor 23 from midlife to late life and risk of mortality: The ARIC study. *European Journal Endocrinology*. 2022;187(1):39-47 PMID: PMC9206411
 313. Ishigami J, Honda Y, Karger AB, Coresh J, Selvin E, **Lutsey PL**, Matsushita K. Changes in serum intact fibroblast growth factor 23 concentrations from midlife to late life and their predictors in the community: The ARIC study. *Mayo Clinic Proceedings: Innovations, Quality and Outcomes*. 2022;6(3):209-217 PMID: PMC9062741
 314. Ishigami J, Karger AB, **Lutsey PL**, Coresh J, Matsushita K. Stability of serum bone-mineral, kidney, and cardiac biomarkers after a freeze-thaw cycle: The Aric study. *American Journal of Epidemiology*. 2022;191(3):534-537 PMID: PMC9214255
 315. Ishigami J, Sumida K, Grams ME, Chang AR, **Lutsey PL**, Levey AS, Coresh J, Dowdy DW, Matsushita K. CKD and risk of incident hospitalization with clostridioides difficile infection: Findings from the Atherosclerosis Risk in Communities (ARIC) study. *American Journal of Kidney Diseases: The Official Journal of the National Kidney Foundation*. 2022;80(2):297-299 PMID: PMC9812276
 316. Jordan Bruno X, Koh I, **Lutsey PL**, Walker RF, Roetker NS, Wilkinson K, Smith NL, Plante TB, Repp AB, Holmes CE, Cushman M, Zakai NA. Venous thrombosis risk during and after medical and surgical hospitalizations: The medical inpatient thrombosis and hemostasis (MITH) study. *Journal of Thrombosis and Haemostasis: JTH*. 2022;20(7):1645-1652 PMID: PMC9247009
 317. Karandikar VM, Honda Y, Ishigami J, **Lutsey PL**, Hall M, Solomon S, Coresh J, Shah A, Matsushita K. Cardiac valve disease and prevalent and incident CKD in community-dwelling older adults: The Atherosclerosis Risk in Communities (ARIC) study. *Kidney Medicine*. 2022;4(12):100559 PMID: PMC9722472
 318. +Lee M, Hughes TM, George KM, Griswold ME, Sedaghat S, Simino J, **Lutsey PL**. Education and cardiovascular health as effect modifiers of APOE epsilon4 on dementia: The Atherosclerosis Risk in Communities study. *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences*. 2022;77(6):1199-1207 PMID: PMC9159668
 319. +Lee M, Whitsel E, Avery C, Hughes TM, Griswold ME, Sedaghat S, Gottesman RF, Mosley TH, Heiss G, **Lutsey PL**. Variation in population attributable fraction of dementia associated with potentially modifiable risk factors by race and ethnicity in the US. *JAMA Network Open*. 2022;5(7):e2219672 PMID: PMC9260480
 320. Liang J, Wang H, Cade BE, Kurniansyah N, He KY, Lee J, Sands SA, J AB, Chen H, Gottlieb DJ, Evans DS, Guo X, Gharib SA, Hale L, Hillman DR, **Lutsey PL**, Mukherjee S, Ochs-Balcom HM, Palmer LJ, Purcell S, Saxena R, Patel SR, Stone KL, Tranah GJ, Boerwinkle E, Lin X, Liu Y, Psaty BM, Vasan RS, Manichaikul A, Rich SS, Rotter JI, Sofer T, Redline S, Zhu X, Group TOSW. Targeted genome sequencing identifies multiple rare variants in caveolin-1 associated with obstructive sleep apnea. *American Journal of Respiratory and Critical Care Medicine*. 2022;206(10):1271-1280 PMID: PMC9746833
 321. **Lutsey PL**, Evensen LH, Thenappan T, Prins KW, Walker RF, Farley JF, MacLehose RF, Alonso A, Zakai NA. Incidence and risk factors of pulmonary hypertension after venous thromboembolism: An analysis of a large health care database. *Journal of the American Heart Association*. 2022;11(14):e024358 PMID: PMC9707844
 322. **Lutsey PL**, Zakai NA. Epidemiology and prevention of venous thromboembolism. *Nature Reviews Cardiology*. 2022;1-15 PMID: PMC9579604
 323. **Lutsey PL**, Zineldin I, Misialek JR, Full KM, Lakshminarayan K, Ishigami J, Cowan L, Matsushita K, Demmer RT. OSA and subsequent risk of hospitalization with pneumonia, respiratory infection, and total infection: The Atherosclerosis Risk in Communities study. *Chest*. 2022 PMID: PMC10268811
 324. Mok Y, Ishigami J, **Lutsey PL**, Tanaka H, Meyer ML, Heiss G, Matsushita K. Peripheral artery disease and subsequent risk of infectious disease in older individuals: The ARIC study. *Mayo Clinic Proceedings*. 2022;97(11):2065-2075 PMID: PMC10326620

325. Mok Y, Ishigami J, Sang Y, Kucharska-Newton AM, Salameh M, Schrack JA, Palta P, Coresh J, Windham BG, **Lutsey PL**, Folsom AR, Matsushita K. Clinically recognized varicose veins and physical function in older individuals: The ARIC study. *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences*. 2022;77(8):1637-1643 PMID: PMC9373961
326. Molinsky RL, Yuzefpolskaya M, Norby FL, Yu B, Shah AM, Pankow JS, Ndumele CE, **Lutsey PL**, Papapanou PN, Beck JD, Colombo PC, Demmer RT. Periodontal status, C-reactive protein, NT-proBNP, and incident heart failure: The ARIC study. *JACC. Heart Failure*. 2022;10(10):731-741 PMID: PMC9976480.
327. +Norby FL, **Lutsey PL**, Shippee ND, Chen LY, Henning-Smith C, Alonso A, Walker RF, Folsom AR. Direct oral anticoagulants and warfarin for atrial fibrillation treatment: Rural and urban trends in medicare beneficiaries. *American Journal of Cardiovascular Drugs*. 2022;22(2):207-217 PMID: PMC9833644
328. Northuis CA, Murray TA, **Lutsey PL**, Butler KR, Nguyen S, Palta P, Lakshminarayan K. Body mass index prediction rule for mid-upper arm circumference: The Atherosclerosis Risk in Communities study. *Blood Press Monit*. 2022;27(1):50-54 PMID: PMC8734618
329. Ogunmoroti O, Osibogun O, Zhao D, Mehta RC, Ouyang P, **Lutsey PL**, Robinson-Cohen C, Michos ED. Associations between endogenous sex hormones and FGF-23 among women and men in the Multi-Ethnic Study of Atherosclerosis. *PloS One*. 2022;17(5):e0268759 PMID: PMC9132299
330. Parikh RR, Norby FL, Wang W, Thenappan T, Prins KW, Van't Hof JR, **Lutsey PL**, Solomon SD, Shah AM, Chen LY. Association of right ventricular afterload with atrial fibrillation risk in older adults: The Atherosclerosis Risk in Communities study. *Chest*. 2022;162(4):884-893 PMID: PMC9659616
331. Sedaghat S, **Lutsey PL**, Ji Y, Empana JP, Sorond F, Hughes TM, Mosley TH, Gottesman RF, Knopman DS, Walker KA, Gudnason V, Launer LJ, van Sloten TT. Association of change in cardiovascular risk factors with incident dementia. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*. 2022 PMID: PMC10782572
332. Steffen BT, Pankow JS, **Lutsey PL**, Demmer RT, Misialek JR, Guan W, Cowan LT, Coresh J, Norby FL, Tang W. Proteomic profiling identifies novel proteins for genetic risk of severe COVID-19: The Atherosclerosis Risk in Communities study. *Human Molecular Genetics*. 2022;31(14):2452-2461 PMID: PMC9307314
333. Thibord F, Klarin D, Brody JA, Chen MH, Levin MG, Chasman DI, Goode EL, Hveem K, Teder-Laving M, Martinez-Perez A, Aissi D, Daian-Bacq D, Ito K, Natarajan P, **Lutsey PL**, Nadkarni GN, de Vries PS, Cuellar-Partida G, Wolford BN, Pattee JW, Kooperberg C, Braekkan SK, Li-Gao R, Saut N, Sept C, Germain M, Judy RL, Wiggins KL, Ko D, O'Donnell CJ, Taylor KD, Giulianini F, De Andrade M, Nost TH, Boland A, Empana JP, Koyama S, Gilliland T, Do R, Huffman JE, Wang X, Zhou W, Manuel Soria J, Carlos Souto J, Pankratz N, Haessler J, Hindberg K, Rosendaal FR, Turman C, Olaso R, Kember RL, Bartz TM, Lynch JA, Heckbert SR, Armasu SM, Brumpton B, Smadja DM, Jouven X, Komuro I, Clapham KR, Loos RJF, Willer CJ, Sabater-Lleal M, Pankow JS, Reiner AP, Morelli VM, Ridker PM, Vlieg AVH, Deleuze JF, Kraft P, Rader DJ, Global Biobank Meta-Analysis I, Estonian Biobank Research T, andMe Research T, Biobank J, Group CHW, Min Lee K, Psaty BM, Heidi Skogholt A, Emmerich J, Suchon P, Rich SS, Vy HMT, Tang W, Jackson RD, Hansen JB, Morange PE, Kabrhel C, Tregouet DA, Damrauer SM, Johnson AD, Smith NL. Cross-ancestry investigation of venous thromboembolism genomic predictors. *Circulation*. 2022;146(16):1225-1242 PMID: PMC10152894
334. Turkson-Ocran RA, Foti K, Hines AL, Kamin Mukaz D, Kim H, Martin S, Minhas A, Norby FL, Ogungbe O, Razavi AC, Rooney MR, Sattler ELP, Scott J, Thomas AG, Tilves C, Wallace AS, Wang FM, Zhang M, **Lutsey PL**, Lancaster KJ. American Heart Association EPI|Lifestyle Scientific Sessions: 2021 meeting highlights. *Journal of the American Heart Association*. 2022;11(5):e024765 PMID: PMC9075080
335. +Wang W, Gottesman RF, Meyer ML, Hughes TM, Sullivan KJ, Wong DF, Lakshminarayan K, **Lutsey PL**. Carotid intima-media thickness and amyloid-beta deposition: The ARIC-PET study. *Journal of Alzheimer's Disease: JAD*. 2022;88(1):17-22 PMID: PMC10167843
336. +Wang W, Norby FL, Alonso A, Gottesman RF, Jack CR, Jr., Meyer ML, Knopman DS, Sullivan KJ, Hughes TM, Lakshminarayan K, **Lutsey PL**. Association of carotid intima-media thickness with brain MRI Markers in the Atherosclerosis Risk in Communities Neurocognitive study (ARIC-NCS). *Journal of Stroke and Cerebrovascular Diseases: The Official Journal of National Stroke Association*. 2022;31(5):106388 PMID: PMC9018472

337. Adrianzen-Herrera D, **Lutsey PL**, Giorgio K, Walker RF, Zakai NA. Bleeding risk in patients with multiple myeloma treated for venous thromboembolism: A MarketScan analysis. *Research and Practice in Thrombosis and Haemostasis*. 2023;7(1):100024 PMID: PMC9982328.
338. Alonso A, Morris AA, Naimi AI, Alam AB, Li L, Subramanya V, Chen LY, **Lutsey PL**. Use of SGLT2i and ARNi in patients with atrial fibrillation and heart failure in 2021-2022: An analysis of real-world data. *medRxiv*. 2023 PMID: PMC10508822.
339. Bohn B, **Lutsey PL**, Misialek JR, Walker KA, Brown CH, Hughes TM, Ishigami J, Matsushita K, Demmer RT. Incidence of dementia following hospitalization with infection among adults in the Atherosclerosis Risk in Communities (ARIC) study cohort. *JAMA Network Open*. 2023;6(1):e2250126 PMID: PMC9857407.
340. Bohn B, **Lutsey PL**, Tang W, Pankow JS, Norby FL, Yu B, Ballantyne CM, Whitsel EA, Matsushita K, Demmer RT. A proteomic approach for investigating the pleiotropic effects of statins in the Atherosclerosis Risk in Communities (ARIC) study. *Journal of Proteomics*. 2023;272:104788 PMID: PMC9819193.
341. Broni EK, Ogunmoroti O, Quispe R, Sweeney T, Varma B, Fashanu OE, **Lutsey PL**, Matthew A, Moyses S, Ndumele CE, Michos ED. Adipokines and incident venous thromboembolism: The Multi-Ethnic Study of Atherosclerosis. *Journal of Thrombosis and Haemostasis*. 2023;21(2):303-310 PMID: PMC10152466.
342. Carosella CM, Gottesman RF, Kucharska-Newton A, **Lutsey PL**, Spira AP, Punjabi N, Schneider ALC, Full KM, Johnson EL. Sleep apnea, hypoxia, and late-onset epilepsy: The Atherosclerosis Risk in Communities study. *Sleep*. 2023. PMID: (Pending)
343. +Chang KY, Giorgio K, Schmitz K, Walker RF, Prins KW, Pritzker MR, Archer SL, **Lutsey PL**, Thenappan T. Effect of chronic digoxin use on mortality and heart failure hospitalization in pulmonary arterial hypertension. *Journal of the American Heart Association*. 2023;12(6):e027559 PMID: PMC10111549.
344. Chung J, Goodman M, Huang T, Wallace ML, **Lutsey PL**, Chen JT, Castro-Diehl C, Bertisch S, Redline S. Multi-dimensional sleep and mortality: The Multi-Ethnic Study of Atherosclerosis. *Sleep*. 2023;46(9) PMID: PMC10848217
345. Daya NR, Fang M, Mathew M, Shin JI, Pankow J, **Lutsey PL**, Valint A, Echouffo-Tcheugui JB, Selvin E. 1,5-Anhydroglucitol: A novel biomarker of adherence to sodium-glucose cotransporter 2 inhibitors. *Diabetes Care*. 2023 PMID: PMC10834388
346. DiBiase RM, Gottesman RF, Tom SE, Walker KA, Mosley T, **Lutsey PL**, Miller EC. Parity and risk of dementia in women: The Atherosclerosis Risk in Communities study. *Journal of Women's Health (Larchmt)*. 2023;32(10):1031-1040 PMID: PMC10541925.
347. Earle WB, Kondo JK, Kendrick KN, Turkson-Ocran RA, Ngo L, Cluett JL, Mukamal KJ, Daya Malek N, Selvin E, **Lutsey PL**, Coresh J, Juraschek SP. Association of supine hypertension versus standing hypotension with adverse events among middle-aged adults. *Hypertension*. 2023;80(11):2437-2446 PMID: PMC10640713.
348. +Full KM, Huang T, Shah NA, Allison MA, Michos ED, Duprez DA, Redline S, **Lutsey PL**. Sleep irregularity and subclinical markers of cardiovascular disease: The Multi-Ethnic Study of Atherosclerosis. *Journal of the American Heart Association*. 2023;12(4):e027361 PMID: PMC10111477.
349. +Full KM, Pusalavidyasagar S, Palta P, Sullivan KJ, Shin JI, Gottesman RF, Spira AP, Pase MP, **Lutsey PL**. Associations of late-life sleep medication use with incident dementia in the Atherosclerosis Risk in Communities study. *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences*. 2023;78(3):438-446 PMID: PMC9977227.
350. Garg PK, Ji Y, Wang W, Hof JV, Decker J, Inciardi RM, **Lutsey PL**, Alonso A, Shah AM, Solomon S, Selvin E, Chen LY. Association of diabetes and glycemic control with left atrial function: The

- Atherosclerosis Risk in Communities (ARIC) study. *Nutrition, Metabolism, and Cardiovascular Diseases*. 2023 PMID: PMC10947889
351. +Giorgio K, Walker RF, MacLehose RF, Adrianzen-Herrera D, Wang W, Alonso A, Zakai NA, **Lutsey PL**. Venous thromboembolism mortality and trends in older US adults, 2011-2019. *American Journal of Hematology*. 2023;98(9):1364-1373 PMID: PMC10529371.
 352. Hu J, Fang M, Pike JR, **Lutsey PL**, Sharrett AR, Wagenknecht LE, Hughes TM, Seegmiller JC, Gottesman RF, Mosley TH, Coresh J, Selvin E. Prediabetes, intervening diabetes and subsequent risk of dementia: The Atherosclerosis Risk in Communities (ARIC) study. *Diabetologia*. 2023;66(8):1442-1449 PMID: PMC10467356.
 353. Hwang J, Lyu B, Ballew S, Coresh J, Grams ME, Couper D, **Lutsey P**, Shin JI. The association between socioeconomic status and use of potentially inappropriate medications in older adults. *Journal of the American Geriatrics Society*. 2023;71(4):1156-1166 PMID: PMC10089965.
 354. Jiang K, Spira AP, Gottesman RF, Full KM, Lin FR, **Lutsey PL**, Garcia Morales EE, Punjabi NM, Reed NS, Sharrett AR, Deal JA. Associations of sleep characteristics in late midlife with late-life hearing loss in the Atherosclerosis Risk in Communities-Sleep Heart Health Study (ARIC-SHHS). *Sleep Health*. 2023;9(5):742-750 PMID: PMC10592398.
 355. Kondo JK, Earle WB, Turkson-Ocran RN, Ngo LH, Cluett JL, Lipsitz LA, Daya NR, Selvin E, **Lutsey PL**, Coresh J, Windham BG, Kendrick KN, Juraschek SP. Standing blood pressure and risk of falls, syncope, coronary heart disease, and mortality. *American Journal of Hypertension*. 2023;36(11):593-601 PMID: (Pending)
 356. Kumar A, **Lutsey PL**, St Peter WL, Schommer JC, Van't Hof JR, Rajpurohit A, Farley JF. Prescription patterns of P2Y12 inhibitors following revascularization in the United States: 2013-2018. *Clinical and Translational Science*. 2023;16(10):1886-1897 PMID: PMC10582679.
 357. Kumar A, **Lutsey PL**, St Peter WL, Schommer JC, Van't Hof JR, Rajpurohit A, Farley JF. Comparative risk of hospitalized bleeding of P2Y12 inhibitors for secondary prophylaxis in acute coronary syndrome after percutaneous coronary intervention. *Clinical Pharmacology Therapeutics*. 2023;113(2):412-422 PMID: PMC10107606.
 358. Kumar A, **Lutsey PL**, St Peter WL, Schommer JC, Van't Hof JR, Rajpurohit A, Farley JF. Comparative effectiveness of ticagrelor, prasugrel, and clopidogrel for secondary prophylaxis in acute coronary syndrome: A propensity score-Matched Cohort Study. *Clinical Pharmacology Therapeutics*. 2023;113(2):401-411 PMID: PMC9877194.
 359. +Lee M, Demmer RT, Kucharska-Newton A, Windham BG, Palta P, Shippee T, **Lutsey PL**. Spousal cognitive status and risk for declining cognitive function and dementia: The Atherosclerosis Risk in Communities study. *Journal of Aging Health*. 2023;35(9):688-698 PMID: PMC10404645.
 360. Li L, **Lutsey PL**, Chen LY, Soliman EZ, Rooney MR, Alonso A. Circulating magnesium and risk of major adverse cardiac events among patients with atrial fibrillation in the ARIC cohort. *Nutrients*. 2023;15(5) PMID: PMC10005106.
 361. **Lutsey PL**. Case-control studies: Increasing scientific rigor in control selection. *Research and Practice in Thrombosis and Haemostasis*. 2023;7(2):100090 PMID: PMC10036796.
 362. **Lutsey PL**, Zakai NA. Epidemiology and prevention of venous thromboembolism. *Nature Reviews Cardiology*. 2023;20(4):248-262 PMID: PMC9579604.
 363. **Lutsey PL**, Zineldin I, Misialek JR, Full KM, Lakshminarayan K, Ishigami J, Cowan LT, Matsushita K, Demmer RT. OSA and subsequent risk of hospitalization with pneumonia, respiratory infection, and total infection: The Atherosclerosis Risk in Communities study. *Chest*. 2023;163(4):942-952 PMID: PMC10268811.
 364. MacDonald DM, Ji Y, Adabag S, Alonso A, Chen LY, Henkle BE, Juraschek SP, Norby FL, **Lutsey PL**,

- Kunisaki KM. Cardiovascular autonomic function and incident chronic obstructive pulmonary disease hospitalizations in Atherosclerosis Risk in Communities. *Annals of the American Thoracic Society*. 2023;20(10):1435-1444 PMID: PMC10559138.
365. Mok Y, Wang F, Ballew SH, Menez S, Butler KR, Wagenknecht L, Sedaghat S, **Lutsey PL**, Coresh J, Blaha MJ, Matsushita K. Kidney function, bone-mineral metabolism markers, and calcification of coronary arteries, aorta, and cardiac valves in older adults. *Atherosclerosis*. 2023; 368:35-43 PMID: PMC9992265.
366. Northuis CA, Bell EJ, **Lutsey PL**, George KM, Gottesman RF, Mosley TH, Whitsel EA, Lakshminarayan K. Cumulative use of proton pump inhibitors and risk of dementia: The Atherosclerosis Risk in Communities study. *Neurology*. 2023;101(18):e1771-e1778 PMID: PMC10634644.
367. Pase MP, Harrison S, Misialek JR, Kline CE, Cavuoto M, Baril AA, Yiallourou S, Bisson A, Himali D, Leng Y, Yang Q, Seshadri S, Beiser A, Gottesman RF, Redline S, Lopez O, **Lutsey PL**, Yaffe K, Stone KL, Purcell SM, Himali JJ. Sleep architecture, obstructive sleep apnea, and cognitive function in adults. *JAMA Network Open*. 2023;6(7):e2325152 PMID: PMC10354680.
368. Polter EJ, Blaes A, Wolfson J, **Lutsey PL**, Florido R, Joshu CE, Guha A, Platz EA, Prizment A. Performance of the pooled cohort equations in cancer survivors: The Atherosclerosis Risk in Communities study. *Journal of Cancer Survivorship*. 2023 PMID: (Pending)
369. Reyes JL, Norby FL, Ji Y, Wang W, Parikh R, Zhang MJ, Oldenburg NC, **Lutsey PL**, Jack CR, Jr., Johansen M, Gottesman RF, Coresh J, Mosley T, Soliman EZ, Alonso A, Chen LY. Association of abnormal p-wave parameters with brain MRI morphology: The Atherosclerosis Risk in Communities Neurocognitive study (ARIC-NCS). *Pacing and Clinical Electrophysiology*. 2023;46(8):951-959 PMID: PMC10440299.
370. Rooney MR, Chen J, Echouffo-Tcheugui JB, Walker KA, Schlosser P, Surapaneni A, Tang O, Chen J, Ballantyne CM, Boerwinkle E, Ndumele CE, Demmer RT, Pankow JS, **Lutsey PL**, Wagenknecht LE, Liang Y, Sim X, van Dam R, Tai ES, Grams ME, Selvin E, Coresh J. Proteomic predictors of incident diabetes: Results from the Atherosclerosis Risk in Communities (ARIC) study. *Diabetes Care*. 2023;46(4):733-741 PMID: PMC10090896.
371. Sargent L, Nalls M, Singleton A, Palta P, Kucharska-Newton A, Pankow J, Young H, Tang W, **Lutsey P**, Olex A, Wendte JM, Li D, Alonso A, Griswold M, Windham BG, Baninelli S, Ferrucci L. Moving towards the detection of frailty with biomarkers: A population health study. *Aging Cell*. 2023:e14030 PMID: PMC10861189
372. Sattler ELP, Ogungbe O, Wallace AS, Aryan Z, Castilla-Ojo N, Dai J, De Anda-Duran I, Foti K, German CA, Hyde ET, Jafarian-Kerman SR, Kendrick KN, King B, Lang AE, Tang O, Turkson-Ocran RA, Rodriguez LA, Wang FM, Zhang M, Hivert MF, **Lutsey PL**. American Heart Association EPI|Lifestyle Scientific Sessions: 2022 meeting highlights. *Journal of the American Heart Association*. 2023;12(8):e028695 PMID: PMC10227275.
373. Sedaghat S, Ji Y, Empana JP, Hughes TM, Mosley TH, Gottesman RF, Griswold M, Jack CR, Jr., **Lutsey PL**, van Sloten TT. Changes in cardiovascular health across midlife and late-life and magnetic resonance imaging markers of cerebral vascular disease in late-life. *Stroke*. 2023;54(5):1280-1288 PMID: PMC10133201.
374. Sedaghat S, Ji Y, Hughes TM, Coresh J, Grams ME, Folsom AR, Sullivan KJ, Murray AM, Gottesman RF, Mosley TH, **Lutsey PL**. The association of kidney function with plasma amyloid-beta levels and brain amyloid deposition. *Journal of Alzheimer's Disease*. 2023;92(1):229-239 PMID: PMC10124796.
375. Sedaghat S, **Lutsey PL**, Ji Y, Empana JP, Sorond F, Hughes TM, Mosley TH, Gottesman RF, Knopman DS, Walker KA, Gudnason V, Launer LJ, van Sloten TT. Association of change in cardiovascular risk factors with incident dementia. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*.

- 2023;19(5):1821-1831 PMID: PMC10782572
376. Shrestha S, Zhu X, London SJ, Sullivan KJ, **Lutsey PL**, Windham BG, Griswold ME, Mosley TH, Jr. Association of lung function with cognitive decline and incident dementia in the Atherosclerosis Risk in Communities study. *American Journal of Epidemiology*. 2023;192(10):1637-1646 PMID: (Pending)
 377. Smith JR, Sharrett AR, Pike JR, Gottesman RF, Knopman DS, Lee M, **Lutsey PL**, Palta P, Windham BG, Coresh J, Deal JA. Dementia occurring over a 32-year follow-up attributable to hypertension observed at different ages: Implications for dementia prevention. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*. 2023;19(8):3435-3447 PMID: PMC10435664.
 378. Steffen BT, McDonough DJ, Pankow JS, Tang W, Rooney MR, Demmer RT, **Lutsey PL**, Guan W, Gabriel KP, Palta P, Moser ED, Pereira MA. Plasma neuronal growth regulator 1 may link physical activity to reduced risk of type 2 diabetes: A proteome-wide study of ARIC participants. *Diabetes*. 2023 PMID: PMC10796298
 379. Steffen BT, Pankow JS, Norby FL, **Lutsey PL**, Demmer RT, Guan W, Pankratz N, Li A, Liu G, Matsushita K, Tin A, Tang W. Proteomics analysis of genetic liability of abdominal aortic aneurysm identifies plasma neogenin and kit ligand: The ARIC study. *Arteriosclerosis, Thrombosis, and Vascular Biology*. 2023;43(2):367-378 PMID: PMC9995137.
 380. Steffen BT, Tang W, **Lutsey PL**, Demmer RT, Selvin E, Matsushita K, Morrison AC, Guan W, Rooney MR, Norby FL, Pankratz N, Couper D, Pankow JS. Proteomic analysis of diabetes genetic risk scores identifies complement C2 and neuropilin-2 as predictors of type 2 diabetes: The Atherosclerosis Risk in Communities (ARIC) study. *Diabetologia*. 2023;66(1):105-115 PMID: PMC9742300.
 381. +Van't Hof JR, Wang W, Matsushita K, Heiss G, Folsom AR, Widome R, **Lutsey PL**. Association of smokeless tobacco use with incident peripheral artery disease: Results from the Atherosclerotic Risk in Communities study. *American Journal of Preventive Medicine*. 2023;64(5):728-733 PMID: PMC10121742.
 382. Walker RF, Zakai NA, Mason SM, MacLehose RF, Norby FL, Evensen LH, Alonso A, **Lutsey PL**. Autoimmune disease and risk of postpartum venous thromboembolism. *Research and Practice in Thrombosis and Haemostasis*. 2023;7(2):100091 PMID: PMC10031534.
 383. Wang S, Rao Z, Cao R, Blaes AH, Coresh J, Joshi CE, Lehallier B, **Lutsey PL**, Pankow JS, Sedaghat S, Tang W, Thyagarajan B, Walker KA, Ganz P, Platz EA, Guan W, Prizment A. Development and characterization of proteomic aging clocks in the Atherosclerosis Risk in Communities (ARIC) study. *medRxiv*. 2023 PMID: PMC10508816.
 384. +Wang W, Chen LY, Walker RF, Chow LS, Norby FL, Alonso A, Pankow JS, **Lutsey PL**. SGLT2 inhibitors are associated with reduced cardiovascular disease in patients with type 2 diabetes: An analysis of real-world data. *Mayo Clinic Proceedings*. 2023;98(7):985-996 PMID: PMC10348449.
 385. Yin CY, Windham BG, Kucharska-Newton AM, Couper D, **Lutsey PL**, Ballew SH, Shin JI. Factors associated with medication adherence in older adults: The Atherosclerosis Risk in Communities study. *Journal of the American Geriatrics Society*. 2023;71(12):3930-3934 PMID: PMC10834838
 386. 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):1556-1559 PMID: PMC10188204.

Non-peer Reviewed

1. **Schipull PL**, Becx M. External quality assurance of sputum smear microscopy implementation in Bangladesh: Training Program. A 3-day training developed for use in the Bangladeshi National Tuberculosis Program; August 15, 2004.
2. Rooney M, **Lutsey PL**. The possible role of elevated serum calcium in the development of type 2 diabetes. Website article for the Diabetes and Cardiometabolic Disease Clinical Topic Collection, *Journal of the American College of Cardiology*, May 3, 2017. http://www.acc.org/latest-in-cardiology/articles/2017/04/26/11/20/the-possible-role-of-elevated-serum-calcium-in-the-development-of-type-2-diabetes?w_nav=LC.

PRESENTATIONS**Moderator***National*

1. **Lutsey PL**, National Heart, Lung and Blood Institute Trainee Session on Epidemiology, Biostatistics and Prevention, New Orleans, LA, March 3, 2013
2. **Lutsey PL**, Moderator for Cardiovascular Disease Breakout Session. Society for Epidemiologic Research, Minneapolis, MN, June 19, 2019.
3. **Lutsey PL**, Khera A. Moderators for the ASPC Annual Debate. Topic: Genetic Risk Scores for Cardiovascular Risk Assessment-Hope or Hype? Debate at the American Heart Association's EPI|LIFESTYLE 2019 Scientific Sessions, Houston, TX, March 5-8, 2019
4. **Lutsey PL**, Khera A. Moderators for the ASPC Annual Debate. Topic: The Polypill in the US: Is it time to promote pragmatism over personalization? Debate at the American Heart Association's EPI|LIFESTYLE 2020 Scientific Sessions, Phoenix, AZ, March 3-6,
5. **Lutsey PL**. Keynote: "COVID-19 Keynote Lectures," American Heart Association's EPI|LIFESTYLE 2021 Scientific Sessions American Heart Association. Virtual meeting, May 20-21.
6. **Lutsey PL**. Open session keynote: "Green World, Heart-Healthy Living", American Heart Association's EPI|LIFESTYLE 2022 Scientific Sessions, Chicago, IL, March 1-4.
7. **Lutsey PL**, Anne Thorndike. "Heart and Mind: Cardiometabolic Determinants of Brain Health", American Heart Association 2023 Scientific Sessions, Philadelphia, PA, November 13.
8. **Lutsey PL**, Mujahid, M. NIH Trainee Session, held in conjunction with the American Heart Association's EPI|LIFESTYLE 2022 Scientific Sessions, Chicago, IL, March 18-21.
9. **Lutsey PL**. Moderator for Sleep posters at the American Heart Association's EPI|LIFESTYLE 2022 Scientific Sessions, Chicago, IL, March 18-21.

Invited Oral Presentations*International and National*

10. **Lutsey PL**. Magnesium and CVD risk in the ARIC cohort: Shape of the association. Invited oral presentation at the Workshop "Addressing an evidence-based reference interval for total serum magnesium concentration", coordinated by the American Society of Nutrition, Lowell, MA, April 1-3, 2015.
11. **Lutsey PL**. 3-epi-25(OH)D3: Distribution, correlates and reclassification of 25(OH)D status in the ARIC study. Invited oral presentation at the Vitamin D Standardization Program (VDSP) Planning Group Meeting #5. Cambridge, UK, July 29-30, 2015.
12. **Lutsey PL**. Vitamin D and risk of cardiovascular disease: A D-lightful hypothesis or D-lusioned by confounding? Invited seminar at the National Institute of Environmental Health Sciences (NIEHS):Raleigh, NC, October 15, 2018.
13. **Lutsey PL**. Meet the Experts: Leaders of NHLBI-Funded Cohorts. American Heart Association Scientific Sessions. Virtual, November 13, 2020.

14. **Lutsey PL.** Vitamin D and risk of cardiovascular disease: A D-lightful hypothesis or D-lusioned by confounding? Invited seminar to the University of California San Diego CVD Epi T32 Fellows, January 8, 2021.
15. **Lutsey PL.** Meet the Experts: Leaders of NHBLI and NINDS-Funded Cohorts. American Heart Association Scientific Sessions. Virtual, November 13, 2021.
16. **Lutsey PL.** Venous thromboembolism epidemiology: Considerations of risk in diverse populations. American Society of Hematology, 63rd Annual Meeting & Exposition. Virtual, December 11-14, 2021.
17. **Lutsey PL.** Intersections of aging, sleep & cardiovascular resilience at the NIH/NHLBI Workshop: “Sleep and Circadian Rhythms in Cardiovascular Resilience: Mechanisms, Implications and Applications”. Virtual, April 24 & 26, 2024

ARIC Study National Presentations

18. **Lutsey PL.** Vitamin D and FGF23 ancillary study update. ARIC. Poster presentation at the American Heart Association Council on Epidemiology and Prevention, New Orleans, LA, March 19-22, 2013.
19. **Lutsey PL.** Vitamin D and FGF23 ancillary study update. Oral presentation to the ARIC Steering Committee, Bethesda, MD, December 3, 2013.
20. **Lutsey PL.** Serum 25-hydroxyvitamin D and incident heart failure: The ARIC Study. Oral presentation to the ARIC Outside Safety and Monitoring Board (OSMB):Bethesda, MD, December 4, 2013.
21. **Lutsey PL.** Obstructive sleep apnea, sleep duration and risk of incident dementia and MCI. ARIC Neurocognitive Study Analysis Workgroup, webinar, February 23, 2016.
22. **Lutsey PL.** Vitamin D, vitamin D binding protein, race and CVD risk. Oral presentation to the ARIC Steering Committee, Phoenix, AZ, March 1, 2016.
23. **Lutsey PL.** Vitamin D, vitamin D binding protein, race and CVD risk. Oral presentation to the ARIC Steering Committee, Phoenix, AZ, March 1, 2016.
24. **Lutsey PL.** Sleep Research in ARIC. Oral presentation to the ARIC Outside Safety and Monitoring Board., Bethesda, MD, October, 26, 2023.

Local Invited Oral Presentations (Region where I resided at the time of the presentation.)

25. **Schipull PL, Dawe D.** Iron supplementation compliance among pregnant women in Bicol, Philippines. Oral presentation. Audience: interested persons from the International Rice Research Institute, the University of the Philippines-Los Banos, Helen Keller International-Philippines, and USAID-Philippines. July 15, 2003.
26. **Schipull PL, Dawe D.** U.S. Fulbright Scholar final presentation: Iron supplementation compliance among pregnant women in Bicol, Philippines. Oral presentation. Audience: Fulbright Foundation invitees. July 17, 2003.
27. **Schipull PL, Becx M.** External quality assurance of sputum smear microscopy implementation in Bangladesh: Evaluation and lessons learned. Oral presentation. Audience: Interested persons from the World Health Organization (Dhaka office):the Bangladeshi Rural Advancement Committee, and the International Centre for Diarrhoeal Disease Research. August 12, 2004.
28. **Lutsey PL, Dawe D, Villate E, DeSagun M, Valencia S, Lopez O.** Iron supplementation compliance among pregnant women in Bicol, Philippines. Oral presentation at the Deborah E. Powell 3rd Conference on Women’s Health Research, Minneapolis, MN, September 11, 2006.
29. **Lutsey PL.** Diet soda – a metabolic syndrome risk factor? A critical review of the evidence. Oral presentation to the University of Minnesota CVD Epidemiology Workgroup, March 28, 2008.
30. **Lutsey PL.** Sleep and cardiovascular disease: From A to Zzzzzzzz. Oral presentation to the University of Minnesota Cardiovascular Disease Epidemiology Workgroup, December 6, 2011.
31. **Lutsey PL.** “Sleep and cardiovascular disease: From A to Zzzzzzzz”. Division Seminar, Division of Epidemiology and Community Health, University of Minnesota, Minneapolis, MN, October 24, 2014.
32. **Lutsey PL.** Secrets to writing a successful small R grant award.” Monthly faculty in-service training seminar, Division of Epidemiology & Community Health, University of Minnesota School of Public Health, February 27, 2015.
33. **Lutsey PL.** “Grand Rounds” at Hennepin County Medical Center on the topic of “Epidemiologic Principles”, Minneapolis, MN, December 11, 2014.

34. **Lutsey PL.** Serum vitamin D, race and cardiovascular disease risk. Oral presentation to the Center for Health Equity, University of Minnesota, Minneapolis, MN, April 28, 2015.
35. **Lutsey PL.** Venous thromboembolism: Epidemiology & Treatment. Boston Scientific, Arden Hills, MN, May 6, 2016.
36. **Lutsey PL.** DOACs versus warfarin for VTE primary treatment and secondary prevention: A ‘big data’ analysis. Invited oral presentation at the Pulmonary, Allergy, Critical Care and Sleep Division Citywide Conference, Minneapolis, MN, February 6, 2018.
37. **Lutsey PL.** Vitamin D and risk of cardiovascular disease: A D-lightful hypothesis or D-lusioned by confounding? Division Seminar, UMN Epidemiology and Community Health, Minneapolis, MN, December 14, 2018.
38. **Lutsey PL.** Vitamin D and risk of cardiovascular disease: A D-lightful hypothesis or D-lusioned by confounding? Lillehei Heart Institute Lecture Series, University of Minnesota, Minneapolis, MN, January 2, 2019.
39. **Lutsey PL.** Comparative effectiveness of venous thromboembolism treatment strategies. 2nd Healthcare Analytics Mini-Symposium, University of Minnesota, Minneapolis, MN, May 9, 2019.
40. Farley J, **Lutsey PL.** MarketScan: A new “big data” resource at the U. Division Seminar, UMN Epidemiology and Community Health, Minneapolis, MN, March 1, 2019.
41. **Lutsey PL,** Jacobs DR. Peer Review Submission Process Lecture. Oral presentation to the CVD Epidemiology and Prevention Group on Professional Development, Minneapolis, MN, September 6, 2019.
42. **Lutsey PL.** Aging. Panel Discussion at the Health Futures Summit and UMN SPH 75th Gala, Minneapolis, MN, December 5, 2019.
43. **Lutsey PL.** Comparative effectiveness of venous thromboembolism treatment strategies in general and cancer populations. Cancer Research Translational Initiative (CRTI) Data Palooza Symposium, University of Minnesota, Minneapolis, MN, January 14, 2021.
44. **Lutsey PL.** MarketScan data: A UMN Resource with Applications for Venous Thromboembolism and Cancer Research. Garibaldi Research Conference, Division of Hematology, Oncology and Transplantation, University of Minnesota, Minneapolis, MN, April 8, 2022.
45. **Lutsey PL.** MPH to PhD: Is it right for me? Panel Discussion, hosted by UMN EpiCH Student Services. April 29, 2022.
46. **Lutsey PL.** Service opportunities with the American Heart Association: My experience. CVD Epidemiology & Prevention T32 Professional Development Seminar. May 5, 2023.
47. **Lutsey PL,** Schreiner PJ, Pankow JS. Cohort study overview and update. CVD Epidemiology & Prevention T32 Professional Development Seminar. May 5, 2023.
48. **Lutsey PL,** Pharmacoepidemiology: An introduction, Applications and Opportunities. Division Seminar, UMN Epidemiology and Community Health, Minneapolis, MN, October 6, 2023.

TEACHING AND ADVISING

Advising

Current

Masters Student Advisees	10
Doctoral Student Advisees	1
Doctoral Student Committees	5
Postdoctoral Fellow Primary Mentor	1
International Visiting Scholars	2

Completed

Undergraduate Research Projects	1
Masters Theses Directed	14
Masters Student Advisees	14

Masters Student Committees	26
Doctoral Student Advisees	3
Doctoral Student Committees	15
Postdoctoral Fellows Supervised	6
International Visiting Scholars (primary supervisor)	2

University of Minnesota

Diversity, Equity and Inclusion Training (see also Teaching and Mentoring Training Section)

1-6/2024	Equity Leadership Institute (12 hours ~ 6, 2 hour sessions)
5/2024	Injustice in our Backyard: The Unspoken History of Genesis & Genocide at Bdote (2-hour immersive experience at Fort Snelling State Park)
5/2022	UMN Equity and Diversity Certificate completion (10 course format, including advance reading and 90-minute discussions)

Teaching and Mentorship Training

1-6/2024	Equity Leadership Institute (12 hours ~ 6, 2 hour sessions)
5/2024	Injustice in our Backyard: The Unspoken History of Genesis & Genocide at Bdote (2-hour immersive experience at Fort Snelling State Park)
5/2023	Fundamentals of Disability Accommodations and Inclusive Course Design, UMN
5/2022	UMN Equity and Diversity Certificate completion (10 course format, including advance reading and 90-minute discussions)
3/2021	Anti-Racism Pedagogy Training (UMN School of Public Health Training)
3/2019	Teaching with Intention: Facilitating Challenging Conversations for Equity and Diversity (Facilitator: Steph Jarvi)
10/2018	Active Learning Seminar; Division of EpiCH, University of Minnesota (Facilitators: Traci Toomey, Alan Lifson, others)
9/2017	Optimizing the Practice of Mentoring. Earned certificate of completion for course sponsored by the National Research Mentoring Network (NRMN) and the UMN Clinical and Translational Science Institute (CTSI)
8/2015	Center for Educational Innovation. Attended “Diversity in the Core Curriculum”. This was a 2-part program designed specifically for individuals teaching within the UMN School of Public Health “core”.
8/2014	Center for Teaching & Learning Teaching Enrichment Series. Attended “Art of Hosting a Classroom: Getting Students Involved” and “The Flipped Classroom”
1/2014	Sci-Teach: Crash Course in Scientific Teaching. Full-day workshop coordinated by the UMN College of Biological Sciences
2011-2012	Early Career Teaching Program Completion. The course included semi-monthly meetings designed to develop and enhance their teaching skills and establish a foundation for a lifetime of creative and engaging teaching.

Courses Taught

1/2024-05/2024	Cardiovascular Disease Epidemiology and Prevention – PubH 6386	Instructor
1/2023-05/2023	Cardiovascular Disease Epidemiology and Prevention – PubH 6386	Instructor
1/2022-05/2022	Cardiovascular Disease Epidemiology and Prevention – PubH 6386	Instructor
1/2021-05/2021	Cardiovascular Disease Epidemiology and Prevention – PubH 6386	Instructor
1/2020-05/2020	Cardiovascular Disease Epidemiology and Prevention – PubH 6386	Instructor
1/2019-05/2019	Cardiovascular Disease Epidemiology and Prevention – PubH 6386	Instructor
9/2017-12/2017	Epidemiologic Methods I – PubH 6341	Co-Instructor
9/2016-12/2016	Epidemiologic Methods I – PubH 6341	Co-Instructor

9/2015-12/2015	Epidemiologic Methods I – PubH 6341	Co-Instructor
9/2014-12/2014	Epidemiologic Methods I - PubH 6341	Co-Instructor
9/2013-12/2013	Epidemiologic Methods I - PubH 6341	Course Director
9/2012-12/2012	Epidemiologic Methods I - PubH 6341	Co-Instructor

NIH T32 Training Grant Engagement

<u>External Advisory Committee</u>	<u>Principal Investigator</u>	<u>Grant number</u>	<u>Year*</u>
Research Training in CVD Epidemiology and Prevention	Mercedes Carnethon & Phillip Greenland	T32HL069771	2023

<u>UMN T32 Grants</u>	<u>Principal Investigator</u>	<u>Grant number</u>	<u>Year*</u>
Cardiovascular Disease Epidemiology & Prevention**	James Pankow & Pamela Lutsey (MPIs starting 7/2024) James Pankow & Ryan Demmer (MPIs starting 2022-23) Aaron Folsom (PI until 2022)	T32 HL07779	2011
Lung Biology	David Ingbar	T32HL007741	2014
Medical Scientist Training Program	Yoji Shimizu	T32 GM008244	2016
Training in Biostatistics for HLB Disease Research	James Neaton	T32 HL129956	2016
MPC Population Health Training Program	Rob Warren & Theresa Osypuk	T32 HD095134	2019

*Year I first became listed as faculty

**Executive Committee since 2017

Informal Teaching Activities

Spring 2016	Initiated and hosted weekly book club for UMN EpiCH Postdoctoral trainees, discussing “Innovation Generation: How to Produce Creative and Useful Scientific Ideas” by Roberta Ness, MD, MPH
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Guest Lectures

University of Minnesota

10/2023	Epidemiologic Methods I (1 section) Panel on study design
10/2021	Epidemiologic Methods I (1 sections; virtual) Lectured on cohort study implementation
10/2020	Epidemiologic Methods I (1 sections; virtual) Lectured on cohort study implementation
10/2019	Epidemiologic Methods I (2 sections) Lectured on cohort study implementation
10/2018	Epidemiologic Methods I (2 sections) Lectured on cohort study implementation
6/2018	Summer Institute on Biostatistics (SIBS) (Riley) Lectured on cohort study design: MESA
6/2015	Summer Institute on Biostatistics (SIBS) (Neaton) Lectured on cohort study design: MESA
6/2014	Summer Institute on Biostatistics (SIBS) (Neaton) Lectured on cohort study design: MESA
7/2013	Summer Institute on Biostatistics (SIBS) (Neaton) Two lectures on cohort study design: IWHS, MESA
11/2012	Public Health Aspects of Cardiovascular Disease – PubH 6386 (Folsom) Critically reviewed a manuscript while the instructor was out of town
12/2011	Epidemiologic Methods III: Lab - PubH 6350 (Pankow) Facilitator for student final presentations

Temple University

2/2013	Epidemiological Research Methods II – PH8202 (Bauer) Cohort Study Implementation
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SERVICE TO THE DISCIPLINE/PROFESSION

American Heart Association

Long Term

7/2023-7/2025	EPI Leadership Committee of the Council on Epidemiology and Prevention (member at large)
4/2022-Present	Venous Thromboembolism Task Force
3/2022-12/2023	Vice Chair of AHA Scientific Statement: “Impact of sleep disordered breathing and disturbed sleep on brain health”
6/2020-5/2022	EPI Leadership Committee of the Council on Epidemiology and Prevention
4/2018-5/2022	EPI/LIFESTYLE Scientific Sessions Program Executive Committee (Meeting has ~750 attendees annually) 2022 Chair: Theme, “Green World, Heart Healthy Living”, Chicago, IL, March 1-4 2021 Co-Chair: Theme, “Health Equity and Social Justice”, held virtually May 20-21 2020 Vice Chair: Theme, “Promoting Cardiovascular Health Across the Lifespan: How Do We Live Healthier, Longer?” Phoenix AZ, March 3-6 2019 Vice Chair: Theme, “Genes, Behaviors and Environment: Putting the Pieces Together”, Houston, TX, March 5-8
1/2017-6/2020	Statistics Committee for the Council on Epidemiology & Prevention Author of the annual Statistical Update. This key AHA publication receives ~1,500 citations annually. I am primary author of the Venous Thromboembolism chapter.
3/2012-3/2018	EPI/LIFESTYLE Program Committee (meeting name: EPI/NPAM in early years)
7/2014-7/2018	Membership & Communications Committee
7/2012-6/2014	Early Career Committee of the Council on Epidemiology & Prevention

Ad Hoc

1/2018	Fellow of the American Heart Association – Application Reviewer
April/May 2017	Healthy People 2030 Goals: Vascular Disease Initiative (Venous Thromboembolism Workgroup)
April 2017	Children’s Strategically Focused Research Network – Population Science Grant Reviewer
2012-2017	Stamler Award – Reviewer
2011-2017	American Heart Association – Abstract Grader
2012-2014	Epidemiology Mentoring Award – Reviewer
2012-2014	Epidemiology Early Career Travel Grant – Reviewer

Society for Epidemiologic Research (SER)

6/2019	SER Annual Meeting– Chair of Concurrent Contributed Session: Cardiovascular Disease
6/2016	SER Annual Meeting – Poster Judge
2008	SER Annual Meeting – Student Abstract Reviewer

National Heart, Lung, and Blood Institute

4/2024	Ad hoc grant reviewer for NHLBI Mentored Career Development K-Awards 2024/05 ZHL1 CSR-O (M3) 1 Study Section; virtual meeting
2/2023	Ad hoc grant reviewer for Mentored Clinical and Basic Science (MCBS JA) Study Section; virtual meeting
2/2021	Ad hoc grant reviewer for Clinical Integrative Cardiovascular and Hematological Sciences (CCHS – formerly CICS) Study Section; virtual meeting
2/2020	Ad hoc grant reviewer for Clinical and Integrative Cardiovascular Sciences (CICS) Study Section; Los Angeles, CA
12/2018	Ad hoc grant reviewer for ZRG1 CVRS-K (02) M; virtual meeting
6/2018	Ad hoc grant reviewer for Cancer, Heart and Sleep Epidemiology Study Section A (CHSA); Washington, DC
3/2018	Ad hoc grant reviewer for Cancer, Heart and Sleep Epidemiology Study Section A (CHSA); San Francisco, CA
11/2016	Ad hoc grant reviewer for NIDDK GRB-J J2 – Vitamin D Ancillary Studies; phone review

International Society of Thrombosis and Haemostasis (ISTH)

2022-2023 ISTH 2023 Congress: Arterial Thromboembolism Theme (Planning) Committee

Vitamin D Standardization Program (VDSP)

2015-2017 Planning Committee Member

Other – Ad hoc Grant Review

2016 Alzheimer's Research UK

2015 Diabetes UK

2013 Jackson Heart Study (Ancillary Study Reviewer)

Journal Editorial Boards (years of membership, journal, role)2017-2021 Research and Practice in Thrombosis and Haemostasis (RPTH)
Editorial Board and Methodological ReviewerJournal Peer Review Activities (year of first review)

2017 AHA Scientific Statement
 2018 Alzheimer's and Dementia
 2015 American Journal of Cardiology
 2016 American Journal of Clinical Nutrition
 2009 American Journal of Epidemiology
 2007 American Journal of Public Health
 2020 American Journal of Respiratory and Critical Care Medicine
 2010 Annals of Epidemiology
 2015 Annals of Internal Medicine
 2018 Annals of Medicine
 2017 Bone
 2016 BMC Medicine
 2008 British Journal of Nutrition
 2023 Cardiovascular Diagnosis & Therapy
 2011 Circulation
 2018 Current Medical Research and Opinion
 2012 Diabetes Research and Clinical Practice
 2011 Ethnicity & Disease
 2011 European Journal of Clinical Nutrition
 2016 European Journal of Heart Failure
 2018 European Journal of Hematology
 2011 Haematologica
 2015 Heart
 2010 JAMA
 2018 JAMA: Cardiology
 2020 JAMA: Internal Medicine
 2017 Journal of Comparative Effectiveness Research
 2010 Journal of Nutrition, The
 2012 Journal of the American Heart Association
 2010 Journal of Thrombosis and Haemostasis
 2020 New England Journal of Medicine
 2015 Neurology
 2014 Nutrients
 2008 Nutrition
 2011 Obesity
 2013 Pediatric Obesity
 2018 Pharmacotherapy

2013	PLoS ONE
2008	Preventive Medicine
2017	SLEEP
2017	Research and Practice in Thrombosis and Haemostasis
2011	Thrombosis and Haemostasis
2012	Thrombosis Research

SERVICE TO THE UNIVERSITY/ COLLEGE/ DEPARTMENT

University of Minnesota

University

4/2024-3/2027	Research and Innovation Office, Grant-in-Aid Biomedical Research Advisory Committee
12/2022-9/2023	Research Data Classification Committee, School of Public Health Representative (Committee Charge by UMN Vice President of Research; renamed Research and Innovation Office)
12/2017	McKnight Land-Grant Professorship, Application Reviewer

Academic Health Center

5/2023	Lillehei Heart Institute Collaborative Pilot Grant Proposal, Reviewer
7/2016-7/2020	Medical Scientist Training Program (MD/PhD) Steering Committee
7/2016-7/2020	Medical Scientist Training Program (MD/PhD) Admissions Committee

School of Public Health

7/2023-6/2026	Faculty Consultative Committee (FCC)
12/2020-5/2021	Ad Hoc Appointment, Promotion and Tenure Guideline Review Committee
8/2020-8/2021	Appointment, Promotion and Tenure
7/2020-9/2020	(COVID) Research Sunrise Plan Work Group
7/2017-6/2020	Faculty Consultative Committee (FCC)
7/2019-8/2019	Search Committee: Associate Dean of Education and Student Engagement
9/2016-12/2016	Core Curriculum Re-design: Phase 2, Epidemiology Sub-Committee
7/2013-7/2014	Co-coordinator of SPH Assistant Professor Lunches

Division of Epidemiology & Community Health

Since Faculty Appointment

1/2024-Present	CVD Epidemiology Faculty Search: Committee Member
8/2022-5/2023	CVD Epidemiology Faculty Search: Chair
5/2021-Present	Mentoring Lead (for Tenure-Track Professors)
8/2019-Present	PhD Exam Committee Part A
7/2019-Present	Clinical Research MS Admissions Committee
7/2023-Present	Clinical Research MS Curriculum/Credentials Committee
6/2020-8/2022	Research Committee
7/2021-8/2022	Epi PhD Admissions Committee
9/2017-2/2022	Envisioning 2/2/22: Innovation Co-Chair
9/2017-3/2020	Envisioning 2/2/22: Task Force Lead, Providing opportunities to learn about innovation
7/2018-8/2019	Hawley Award Committee
7/2018-8/2019	Epi PhD Curricula/Credentials Committee
7/2017-6/2018	Epi PhD Admissions Committee
7/2016-6/2017	Epi PhD Curricula/Credentials Committee
7/2016-6/2017	Epi MPH Admissions Committee
7/2015-6/2016	PhD Exam Committee Part A Day 2

7/2015-12/2015	Hawley Award Committee
9/2014-6/2015	Epi MPH Admissions Committee
3/2014-6/2016	Faculty Executive Committee (Assistant Professor Representative)
10/2013	Search Committee Chair – IWHS Research Associate
7/2013-6/2015	PhD Exam Committee Part A Day 1
7/2013-6/2014	MPH Curricula and Credentials Committee
7/2012-6/2013	PhD Admissions Committee
7/2012-6/2013	PhD Exam Committee Part A Day 2
7/2011-6/2012	PhD Curricula and Credentials Committee

As a Student

9/2006-5/2007	Division Training Committee – Ph.D. Representative
9/2004-5/2005	Division Training Committee – M.P.H. Representative
9/2004-5/2005	Epidemiology Curriculum Review Committee

Iowa State University

9/2001-8/2002	Vice President of Selections, Mortar Board Honorary
9/2001-8/2002	Memorial Union Board of Directors
	Committees: Development, Personnel, Director Nomination
9/2001-5/2002	ISCORE (Iowa State Conference on Race and Ethnicity) Planning Team
9/2000-12/2000	National Student Exchange Delegate to Mississippi State University
6/2000-8/2000	NCORE (National Conference on Race and Ethnicity) Delegate
9/1998-5/1999	Elected to the Iowa State University Freshman Council
9/1998-5/1999	LEAP (Leadership Enrichment Action Program)