

# Curriculum Vitae

## Allison L Kuipers, PhD

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### ACADEMIC INTERESTS

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- Identification of novel genetic, molecular, and clinical determinants of cardiovascular disease
- Translational and team science bridging basic, clinical, and population-based research
- Health research in underrepresented populations, including as a PI of the Tobago Health Studies

### EDUCATION AND TRAINING

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#### Undergraduate

2003-2007	University of Pittsburgh Pittsburgh, PA	BS, 2007 <i>Summa Cum Laude</i>	Biologic Sciences
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#### Graduate

2007-2011	University of Pittsburgh Pittsburgh, PA	PhD, 2011	Epidemiology
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2007-2011	University of Pittsburgh Pittsburgh, PA	Certificate, 2011	Public Health Genetics
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#### Post-Graduate

2011-2014	University of Pittsburgh Pittsburgh, PA	NHLBI Cardiovascular Disease Training Grant Post-Doctoral Fellow	Directors: Kim Sutton-Tyrrell, DrPH and Trevor Orchard, MD
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### APPOINTMENTS AND POSITIONS

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#### Academic

2007-2008	Graduate Student Researcher	Molecular Epidemiology Lab, Epidemiology, University of Pittsburgh, Pittsburgh, PA
2008-2011	Pre-Doctoral Fellow	Cardiovascular Epidemiology Training Grant, Epidemiology, University of Pittsburgh, Pittsburgh, PA

2011-2014	Post-Doctoral Fellow	Cardiovascular Epidemiology Training Grant, Epidemiology, University of Pittsburgh, Pittsburgh, PA
2014-2017	Visiting Assistant Professor	Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA
2017- 2021	Assistant Professor (appointment track)	Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA
2018	Appointment to the Graduate Faculty	Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA
2021-2022	Associate Professor (appointment track)	Epidemiology, School of Public Health, University of Pittsburgh, Pittsburgh, PA
2022-2024	Associate Professor (tenure track)	Epidemiology, School of Public Health, University of Pittsburgh, Pittsburgh, PA
2024-current	Tenured Associate Professor	Medicine, College of Human Medicine, Michigan State University, Grand Rapids, MI
2024-current	Tenured Associate Professor (joint appointment)	Epidemiology and Biostatistics, College of Human Medicine, Michigan State University, Grand Rapids, MI
2025-current	Scientific Advisor	Fredrik Meijer Heart and Vascular Institute, Corewell Health West, Grand Rapids, MI
2025-current	Vice Chair for Basic and Translational Research	Medicine, College of Human Medicine, Michigan State University, Grand Rapids, MI

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### **Non-Academic**

2004-2007	Undergraduate Researcher	Molecular Epidemiology Laboratory, University of Pittsburgh, Pittsburgh, PA
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## **CERTIFICATIONS AND LICENSURE**

### **Specialty Certification**

2008	Reading of 4-image carotid artery ultrasound scans	University of Pittsburgh Ultrasound Research Lab
2023	Diversity and Inclusion Certificate	University of Pittsburgh, Office of Equity, Diversity, and Inclusion

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## **MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES**

2005	American Society of Human Genetics
2006	International Osteoporosis Foundation
2008-2016	The American Society of Bone and Mineral Research
2008-current	The American Heart Association
2020-current	The Gerontological Society of America

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## **HONORS**

2010	Recipient of the ASBMR President's Poster Award
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2012	Recipient of a travel scholarship to attend the Personal Genomes and Medical Genomics Conference at Cold Spring Harbor Laboratory in New York
2016	Recipient of the John Haddad Young Investigator Award at the Advances in Mineral Metabolism Conference by the American Society of Bone and Mineral Research
2017	Finalist for the Sandra A Dougherty Award for Excellence in Cardiovascular or Hypertension Research at the American Heart Association Council on Epidemiology and Lifestyle Annual Conference
2018	Travel Award Recipient for the ACC/AGS/NIA Diagnostic Testing in Older Adults Workshop, Washington DC
2023	Health Sciences Ascending Star Award and Lecture 2023 from the University of Pittsburgh Schools of the Health Sciences
2025	Selected to participate in the Diverse Voices Program through Michigan State University Communications and Marketing

## PROFESSIONAL ACTIVITIES

### Courses Taught

2008-2011	Graduate; EPIDEM 2601: Molecular Epidemiology Laboratory	3 credits Avg. Enrollment: 6	Teaching Assistant
2011   2024	Graduate; EPIDEM 2152: Student Workshop in Epidemiology	1 credit Avg. Enrollment: 8	Teaching Assistant   Co-Director
2016-2018   2024	Graduate; EPIDEM 2250: Seminar in Epidemiology	1 credit Avg. Enrollment: 30	Co-Director   Director
2018-2024	Graduate; EPIDEM 2600: Molecular Epidemiology	3 credits Avg. Enrollment: 20	Co-Instructor
2025	Graduate; Medical School Intersessions Epidemiology & Evidence Based Medicine	N/A credits Avg. Enrollment: 8	Small-group Leader
2026-	Graduate; Medical School M1 and M2 Epidemiology Content	N/A credits Avg. Enrollment: 96	Co-Instructor

### Other Teaching (lectures, tutorials, and continuing education courses)

2012	Guest Lecturer in EPIDEM 2600: Molecular Epidemiology	“Genetic Epidemiology and Linkage Analysis in Cardiovascular Disease”
2013	Guest Lecturer in EPIDEM 2600: Molecular Epidemiology	“Cardiovascular Genetics: The Role of Linkage Analysis”
2013-2014	Coordinator of the Subclinical Cardiovascular Disease Journal Club	Various presentations
2013-2017	Guest Lecturer in EPIDEM 2600: Molecular Epidemiology	“Heredity and Modes of Inheritance”
2013-2022	Guest Lecturer in EPIDEM 2110: Principles of Epidemiology	“Genetic Epidemiology”
2014-2017	Guest Lecturer in EPIDEM 2170: Chronic Disease Epidemiology	“Epidemiology of Musculoskeletal Diseases”

2015-2017	Guest Lecturer in EPIDEM 2600: Molecular Epidemiology	“Molecular Epidemiology of Cardiovascular Disease”
2015	Guest Lecturer in EPIDEM 2170: Chronic Disease Epidemiology	“Chronic Disease Surveillance”
2016	Guest Lecturer in EPIDEM 2152: Workshop in Epidemiology	“The NIH Mentored Career Development Award”
2017	Guest Lecturer in EPIDEM 2152: Workshop in Epidemiology	“How Subclinical CVD Fits into the Human Chronic Disease Puzzle”
2018-2022	Training Program Participating Faculty	T32 Cardiovascular Epidemiology Training Grant
2019	Guest Lecturer in HIM 1462: Epidemiology	“Molecular Epidemiology”
2020-2024	Guest Lecturer in Department of Medicine: Fundamentals in Bench Research	“Building a Translational Cohort”
2021-2022	Guest Reviewer in EPIDEM 2921: Grant Writing	N/A
2021-2024	Training Program Participating Faculty	T32 Aging Epidemiology Training Grant
2023-2024	Associate Co-Director	T32 Cardiovascular Epidemiology Training Grant
2023-2024	Guest Lecturer in EPIDEM 2150: Cardiovascular Disease Epidemiology	“Molecular Epidemiology of Cardiovascular Diseases”
2025	Guest Lecturer in EPI 390: Disease in Society: Introduction to Epidemiology and Public Health	“Using Epidemiologic Research Methods to Study Heart Disease”

### Major Advisor for Graduate Student Essays, Theses, and Dissertations

Ryan Cvejkus	MS Epidemiology, 2018	MS Thesis: “The Association of Objectively Measured Physical Activity on Blood Pressure and the Prevalence of Hypertension in African Ancestry Men”	Current: PhD student at University of Pittsburgh
Amanda Delligatti	MPH Epidemiology, 2018	MPH Essay: “Multimorbidity and Functional Capacity in Geriatric Patients with Cardiovascular Disease”	Current: researcher at VA Pittsburgh Healthcare System
Yuan Yang	MPH Epidemiology, 2018	MPH Essay: “Genetic Determinants of the Cardiovascular Biomarker: B-type natriuretic peptide”	Current: PhD candidate at Stonybrook University
Julia Yudkovicz	MPH Epidemiology, 2020	MPH Essay: “The Genetic Correlation Between Cardiometabolic Disease and Functional Status in Long-lived Adults”	Current: Clinical quality analyst at Doctor Evidence
Deidra Ressler	MS Epidemiology, 2023	MS Thesis: “The Genetic Epidemiology of Ankle Brachial Index and Peripheral Artery Disease in the Long Life Family Study”	Current: PhD student at University of Pittsburgh

Caitlyn Kline	MPH Epidemiology, 2024	MPH Essay: “Predictors of Change in Carotid Artery Ultrasound in the Long Life Family Study”	Current: medical student at Geisinger Medical School
Po-Han Huang	PhD Epidemiology	N/A	Transferred to MS program in 2024
Rain Katz	PhD Epidemiology, <i>Anticipated Aug 2025</i>	PhD Dissertation: “Molecular Biomarkers of Subclinical Cardiovascular Disease in the Tobago Health Study and Long Life Family Study”	
Ruel Beresford	PhD Epidemiology, <i>Anticipated 2026</i>	PhD Dissertation: Title TBD	Transitioned to MSU during period, moved to committee member

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### Service on Masters or Doctoral Committees

2015- 2016	Kelly Johnson (Committee Member and Essay Reader)	MS/MPH in Human Genetics	“Genome- Wide Association Studies of Childhood Bone”
2015-2018	Pallavi Jonnalagadda (Committee Member)	DrPH in Epidemiology	“Cortical Bone Health in African Ancestry Men”
2017- 2018	Michaela Holliday (Essay Reader)	MPH in Human Genetics	“Prevalence of Inflammatory Disorders in Huntington’s Disease”
2017-2018	Kelsea LaSorda (Essay Reader)	MPH in Epidemiology	“Heritability and Prevalence of Physical Fatigability in the Long Life Family Study”
2018-2021	Rehab Sherlala (Committee Member)	PhD in Human Genetics	“Relationship between TGF-1 and Adiposity, and the risk of Mortality in the Long Life Family Study”
2019	Jacqueline Cohen (Essay Reader)	MPH in Human Genetics	“Relationship between Cognition and Statin Use by Genotype at <i>APOE</i> & Three Proinflammatory Cytokine Loci in the Long Life Family Study”
2020	Marilyn Ngo (Essay Reader)	MPH in Human Genetics	“Investigating Known Pathogenic Variants for Familial Hypercholesterolemia in a Samoan Population”
2020	Jodi Kutner (Essay Reader)	MPH in Human Genetics	“Association Analysis of the LTA/TNF/LTB Region on Chromosome 6p21 with Systemic Lupus Erythematosus (SLE)”
2020-2022	Claire Thomas (Committee Member)	PhD in Epidemiology	“Identification of Metabolic, Immune, and Genetic Risk Factors for Hepatocellular Carcinoma”
2022	Courtney Kasturiarachi (Essay Reader)	MPH in Human Genetics	“Investigating the effect of PCSK9 Variants on Plasma Lipid Profile in African Blacks and U.S. Whites”
2024	Jerry Zhou (Committee Member)	MS in Biostatistics	“Impact of COVID-19 on Adverse Outcomes for Congestive Heart Failure Inpatients in the Northeast Mid-Atlantic Using NIS 2020 Database”

2024	Po-Han Huang (Committee Member)	MS in Epidemiology	“Vaccine Effectiveness Against Influenza-Associated Hospitalizations in Adults with Liver Disease”
2024	Eva Grace White (Committee Member)	MS in Genome Bioinformatics	“Investigating genetic determinants of venous thromboembolism in African Americans”
2024-	Lauren Carlson (Committee Member)	PhD in Epidemiology	“The Link Between Cardiovascular, Cognitive, and Skeletal Health”
2025-	Ruel Beresford (Committee Member)	PhD in Epidemiology	“A Multiomic Investigation into Cardiovascular Disease Risk Factors in the Tobago Health Study”
2025-	Jonathan Odingo (Committee Member)	PhD in Epidemiology	TBD

### Service on Comprehensive or Qualifying Committees

2017	1 Human Genetics MS student	Qualifying Exam
2018	1 Epidemiology MS student	Comprehensive Exam
2018	1 Human Genetics PhD student	Qualifying Exam
2018	1 Epidemiology DrPH student	Overview and Comprehensive Exam
2019	1 Human Genetics PhD student	Qualifying Exam
2019	1 Human Genetics PhD student	Comprehensive Exam
2020	1 Epidemiology PhD student	Overview Exam
2022	17 Epidemiology PhD students	Preliminary Exam
2023	1 Epidemiology MS student	Comprehensive Exam
2023	18 Epidemiology PhD students	Preliminary Exam
2024	1 Biostatistics MS student	Comprehensive Exam
2024	1 Epidemiology PhD student	Overview Exam
2024	17 Epidemiology PhD students	Preliminary Exam
2024	3 Human Genetics MS (genome bioinformatics) students	Comprehensive Exam

### Supervision of Post-Doctoral Students, Residents, and Fellows

2021-2023	Simone McAfee, MD	Post-doctoral cardiology fellowship with Premiere Health Care Ltd and the Tobago Heart Study, Trinidad, Trinidad & Tobago
2025-	Nirmalendu Deb Nath, PhD	Post-doctoral research associated in my laboratory in the Department of Medicine at MSU conducting research related to the Tobago Heart Study Echocardiography data
2025-	Zachary Yono, DO	Internal medicine resident at Corewell Health and MSU conducting research in my laboratory related to the Tobago Heart Study and clinical implications
2025-	Jagroop Doad, DO	Internal medicine resident at Corewell Health and MSU conducting research related to Lp(a) data in NHANES

### Mentoring of Undergraduate or Graduate Students

2018	Yuan Yang	MPH Epidemiology Internship Preceptor	Data analysis with the Long Life Family Study, University of Pittsburgh, Pittsburgh, PA, USA
2019	Julia Yudkovicz	MPH Epidemiology Internship Preceptor	Data analysis with the Long Life Family Study, University of Pittsburgh, Pittsburgh, PA, USA
2020	Alayna Holderman	PhD Human Genetics Research Rotation	Data analysis with the Tobago Health Study, University of Pittsburgh, Pittsburgh, PA, USA

2023	Caitlyn Kline	MPH Epidemiology Internship Preceptor	Research Assistant with the Long Life Family Study, University of Pittsburgh, Pittsburgh, PA, USA
2024	Robyn Amegashie	Dean's Summer Research Project for Medical Students	"Unveiling Cardiovascular Disparities: A Focus on Afro-Caribbean Population in Tobago"; Department of Medicine, University of Pittsburgh, Pittsburgh, PA, USA
2025	Elyssa Biederman	Undergraduate Summer Research Intern	Data management with the Tobago Health Study, Michigan State University, Grand Rapids, MI, USA
2025-	Jonathan Odingo	PhD Epidemiology & Biostatistics (Epi major)	Graduate Assistantship Advisor; working with Tobago Health Study and POCUS-HF project with Corewell Health West
2026	M1 Medical School Students (N=10)	Scholarly Project Mentor	Various project titles

### **Mentoring of Early and Mid-Career Faculty**

2023-2024	Jenna Carlson, PhD	Assistant Professor (appointment stream); Human Genetics; University of Pittsburgh
2025-	Elizabeth Holzhausen, PhD	Assistant Professor (tenure-track); Epidemiology & Biostatistics, and Pediatrics; Michigan State University

### **Other Teaching and Training**

2012	Genetic epidemiology consultant on international PhD thesis review	"Obesity, Physical Activity and Cardiorespiratory Fitness in Young Adulthood"
2015	Mentor to Epidemiology PhD Student Qian Zhao	During leave of absence by Advisor
2015	Mentor to Epidemiology MS Student Curtis Tilves	During leave of absence by Advisor
2025-	Fredrik Meijer Heart and Vascular Institute	Co-Director of recurring "Research Forum"
2025-	Fredrik Meijer Heart and Vascular Institute	Cardiovascular Fellowship Research Mentor

## **RESEARCH AND TRAINING**

### **Grants and Contracts Received**

#### **Principal Investigator, Multiple Principal Investigator, or Program Project Director**

2015-2020	K01-HL125658; Molecular Epidemiology of the Wnt Pathway in Subclinical Cardiovascular Disease	NIH/NHLBI	\$692,622	90%
2018-2020	R03-HL144668; Molecular Epidemiology of Aortic Diameter and Subclinical Cardiovascular Disease	NIH/NHLBI	\$183,871	10%

2020-2025	R01-HL154153; Epidemiology of Cardiac Structure and Function in African Caribbeans: The Tobago Heart Study	NIH/NHLBI	\$2,982,177	30%
2025-2026	Harnessing Point Of Care UltraSound for HeartFailure Diagnosis: the POCUS-HF Trial (PILOT)	MSU CHM Schultz Endowed Biomedical Research Award	\$50,000	N/A

### Co-Investigator

2010	Hepatocyte Nuclear Factor (HNF)-4 Alpha Gene Variants and Triglycerides in Men of Afro-Caribbean Ancestry (PI: Kuipers)	Department of Epidemiology Small Grants Program	\$7,000	N/A
2013	Type 2 Diabetes, Subclinical Cardiovascular Disease and Ectopic Fat Depots in African Men (PI: Kuipers)	University of Pittsburgh Ultrasound Research Lab R&D Grant	\$7,000	N/A
2018-2019	Circulating Autophagy Related 7 (ATG7) Protein as a Biomarker of Aging (PI: Kuipers)	Aging Institute of UPMC	\$67,255	10%
2018-2022	R01-HL143793; Epidemiology of Obesity, Diabetes, and Hypertension in African Caribbeans (PI: Miljkovic; Pitt Epidemiology)	NIH/NHLBI	\$1,789,108	5%
2019-2024	U19-AG063893; The Long Life Family Study (Center PI: Zmuda; Pitt Epidemiology)	NIH/NIA	\$68,574,028	50%
2022-2024	RF1-AG077474; Myosteatosis, Cognition, and Blood Biomarkers of Alzheimer's Disease in Persons of African Ancestry (PI: Miljkovic; Pitt Epidemiology)	NIH/NIA	\$2,160,726	3-5%
2024	2T32-HL083825; Cardiovascular Epidemiology Training Program	NIH/NHLBI	\$2,707,380	N/A
2025-	Vascular Trial Associated Registry Pilot (VSTAR-P)	Internal Pilot Funding	\$180,000	N/A
2026-2031	COmprehensive Monitoring of Pregnant women with And without cardiovascular diSease States during Physical exertion (Compass-P Study)	Corewell Health Foundation Funding	\$1,174,625	5%

### Invited Presentations Related to Your Research

March 29, 2012	"Molecular Epidemiology: Building a Bridge between Population and Basic Sciences"	Department of Epidemiology Seminar; University of Pittsburgh Graduate School of Public Health
April 4, 2012	"Genetic Epidemiology and Linkage Analysis in Cardiovascular Disease"	Department of Cardiology Special Seminar, Allegheny General Hospital
April 3, 2017	"Molecular Epidemiology of Subclinical Cardiovascular Disease."	Cardiovascular Epidemiology Conference; University of Pittsburgh

March 1, 2018	“Investigating the Molecular Epidemiology of Subclinical Cardiovascular Disease: using population-based data to learn about biology”	Department of Epidemiology Seminar; University of Pittsburgh Graduate School of Public Health
July 28, 2019	“Molecular Epidemiology of Vascular Aging: using population-based data to learn about biology”	Department of Epidemiology Special Seminar; Mayo Clinic
August 3, 2019	“Molecular Epidemiology of Cardiovascular Disease: using population-based data to learn about biology”	Department of Epidemiology, Human Genetics, and Environmental Science Special Seminar; University of Texas Health Science Center
February 20, 2020	“Harnessing Population Studies to Learn About Biology: the molecular epidemiology of CVD”	Department of Epidemiology and Community Health, Special Seminar; University of Minnesota School of Public Health
March 20, 2020	“Harnessing Population Studies to Learn About Biology: the molecular epidemiology of CVD”	Division of Epidemiology Virtual Seminar; Vanderbilt University Medical School Department of Medicine
September 21, 2021	“Heart Disease Research in Tobago: The Tobago Heart Study”	Department of Pharmacy Special Webinar; University of the West Indies: St. Augustine
April 15, 2022	“Using Unique Population Samples to Study Genetic Determinants of Cardiovascular Disease”	Department of Human Genetics Noon Seminar; University of Pittsburgh School of Public Health
April 6, 2023	“Using Unique Study Designs to Identify Molecular Determinants of Cardiovascular Disease”	Department of Epidemiology Seminar; University of Pittsburgh School of Public Health
June 22, 2023	“Public Health and Translational Research: Bridging the Gap with the Tobago Health Studies”	2023 Schools of the Health Sciences Ascending Star Award Lecture, University of Pittsburgh
July 28, 2023	“Molecular Determinants of Subclinical CVD: My Path from T32 to R01”	T32 Research Fellows Virtual Seminar; University of California San Diego
April 29, 2024	“Harnessing Clinical Studies to Learn about Biology: The molecular epidemiology of CVD”	Department of Medicine Virtual Seminar; Michigan State University College of Human Medicine
Feb 5, 2025	“Molecular Epidemiology in Cardiovascular Disease: A framework for translational research”	Department of Medicine Research Forum; Michigan State University College of Human Medicine
Mar 31, 2025	“Using Population-Based Studies to Identify Drivers of Cardiovascular Disease”	Corewell Health West Fredrik Meijer Heart and Vascular Institute Research Update
June 4, 2025	“Relationships between vascular disease, hypertension, and adiposity: insights from population-based research”	PVAT Program Project Monthly Meeting; Michigan State University (hybrid)

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### Other Research and Training Activities

2009	Participant	Presentation Skills Workshop, American Heart Association Epi Council Meeting, Palm Harbor, FL
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2011	Trainee	Next generation sequence analysis training course, University of Pittsburgh Department of Human Genetics, Pittsburgh, PA
2011	Attendee	Genomics of Common Disease 2011 Symposium, Wellcome Trust Institute, Hinxton, Cambridge, UK
2011	Attendee	NHLBI Genomics Symposium, NHLBI branch of the NIH, Bethesda, MD
2012	Attendee	Personal Genomics and Medical Genomics, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY
2015-ongoing	Member	Vascular Medicine Institute Research Conferences, University of Pittsburgh Medical School, Pittsburgh, PA
2015	Auditor	Body Fluid Homeostasis Cardiovascular Course, University of Pittsburgh Medical School Year 2 Curriculum, Pittsburgh, PA
2016	Trainee	Coronary artery calcification scoring training, Carr Laboratory, Vanderbilt University Medical School, Nashville, TN
2016	Reviewer	Selected to participate in the Early Career Reviewer Program, NIH Center for Scientific Research, Bethesda, MD
2016	Attendee	NHLBI K To R01 Workshop, NHLBI NIH, Bethesda, MD
2016	Participant	NanoString RNA Count Data Analysis workshop, University of Pittsburgh, Pittsburgh, PA
2016	Attendee	Cohorts for Heart and Aging Research in Genomic Epidemiology Investigator Meeting, Charlottesville, VA
2017	Attendee	RNA-Based Approaches in Cardiovascular Disease, Keystone Symposia, Keystone, CO
2017	Presenter	Cardiovascular Epidemiology Conference, University of Pittsburgh, Pittsburgh, PA
2017	Attendee	Visualizing the Future of Molecular Imaging, University of Pittsburgh, Pittsburgh, PA
2017	Attendee	Long Life Family Study Steering Committee In-Person Meeting, Bethesda, MD
2017	Attendee	Translational Research on Mitochondria, metabolism, Aging, and Disease Symposium (TRiMAD), Pittsburgh, PA
2017	Trainee	Moving from Genomic Discovery to Translational Research: Using the nCounter System, Pittsburgh, PA
2018-2019	Attendee	A Day in the Lifespan Conference, University of Pittsburgh CTSI, Pittsburgh, PA
2018	Attendee	ACC/AGS/NIA Diagnostic Testing in Older Adults Workshop in Washington, DC
2019	Attendee	Pedagogy workshop on the book "How Learning Works" through the University of Pittsburgh School of Public Health
2020-ongoing	Member	Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, Subclinical CVD Working Group
2021-ongoing	Member	Pittsburgh Center for Interdisciplinary Bone and Mineral Research
2022	Participant	"Anti-Racist Pedagogy Workshop" presented through the Office of Academic Career Development at the University of Pittsburgh (Virtual)
2023	Participant	"Intercultural Competency" (Virtual)
2023	Participant	"Fostering a Diverse and Inclusive Workplace" (In-person)
2023	Participant	"Baby Boomers to Millennials: Respect and Productivity in the Workplace" (In-person)
2023	Participant	"Preventing Sexual Misconduct: Understanding Your Responsibility" (Virtual)

2023	Participant	“Different Like You: Recognizing Stereotypes and Removing Barriers” (Virtual)
2023	Participant	“Microaggression: Recognizing and Challenging a Subtle Form of Bias” (Virtual)
2025	Participant	“MSU Diverse Voices” PR and Communications Workshop

## Publications

### Refereed Articles – Published or In Press

1. **Kuipers A**, Zhang Y, Cauley JA, Nestlerode CS, Chu Y, Bunker CH, Patrick AL, Wheeler VW, Hoffman AR, Orwoll ES, Zmuda JM. Association of a high mobility group gene (HMGA2) variant with bone mineral density. *Bone*. Aug 2009. 45(2):295-300.
2. Goodrich LJ, Yerges-Armstrong LM, Miljkovic I, Nestlerode CS, **Kuipers AL**, Bunker CH, Patrick AL, Wheeler VW, Zmuda JM. Molecular variation in neuropeptide Y and bone mineral density among men of African ancestry. *Calcif Tissue Int*. Dec 2009. 85(6):507-13.
3. Zhang Y, **Kuipers AL**, Yerges-Armstrong LM, Nestlerode CS, Jin Z, Wheeler VW, Patrick AL, Bunker CH, Zmuda JM. Functional and association analysis of frizzled 1 (FZD1) promoter haplotypes with femoral neck geometry. *Bone*. Apr 2010. 46(4):1131-7.
4. Miljkovic I, Yerges-Armstrong LM, Kuller LH, **Kuipers AL**, Wang X, Kammerer CM, Nestlerode CS, Bunker CH, Patrick AL, Wheeler VW, Evans RW, Zmuda JM. Association analysis of 33 lipoprotein candidate genes in multi-generational families of African ancestry. *J Lipid Res*. Jul 2010. 51(7):1823-31.
5. Zmuda JM, Yerges-Armstrong LM, Moffett SP, Klei L, Kammerer CM, Roeder K, Cauley JA, **Kuipers AL**, Ensrud KE, Nestlerode CS, Hoffman AR, Lewis CE, Lang TF, Barrett-Connor E, Ferrell RE, Orwoll ES for the Osteoporotic Fractures in Men (MrOS) Study Group. Genetic analysis of vertebral trabecular bone density and cross-sectional area in older men. *Osteoporos Int*. Apr 2011. 22(4):1079-90.
6. Miljkovic I, **Kuipers AL**, Kammerer CM, Wang X, Bunker CH, Patrick AL, Wheeler VW, Kuller LH, Evans RW, Zmuda JM. Markers of inflammation are heritable and associated with subcutaneous and ectopic skeletal muscle adiposity in African ancestry families. *Metab Syndr Relat Disord*. Aug 2011. 9(4):319-26.
7. **Kuipers AL**, Gundberg C, Kammerer CM, Dressen AS, Nestlerode CS, Patrick AL, Wheeler VW, Bunker CH, Newman AB, Zmuda JM. Genetic analysis of serum osteocalcin and bone mineral in multigenerational Afro-Caribbean families. *Osteoporos Int*. May 2012. 23(5):1521-31.
8. Hughes TM, Althouse A, Niemczyk N, Hawkins M, **Kuipers AL**, Sutton-Tyrrell K. Effects of weight loss and insulin reduction on arterial stiffness in the SAVE trial. *Cardiovasc Diabetol*. Sep 2012. 11:114.
9. **Kuipers AL**, Miljkovic I, Kammerer CM, Evans RW, Bunker CH, Patrick AL, Wheeler VW, Sutton-Tyrrell K, Zmuda JM. Evidence for a genetic link between bone and vascular measures in African ancestry families. *J Bone Miner Res*. Aug 2013. 28(8):1804-10.
10. Miljkovic I, **Kuipers AL**, Kuller LH, Sheu Y, Bunker CH, Patrick AL, Wheeler VW, Evans RW, Zmuda JM. Skeletal muscle adiposity is associated with serum lipid and lipoprotein levels in Afro-Caribbean men. *Obesity*. Sept 2013. 21(9):1900-7.
11. Li H, **AL Kuipers**, CM Kammerer, CH Bunker, LH Kuller, I Miljkovic, AL Patrick, VW Wheeler, JM Zmuda. The association between renal function biomarkers and subclinical cardiovascular measures in African Caribbean families. *Ethn Dis*. Autumn 2013. 23(4):492-8.
12. **Kuipers AL**, Kammerer CM, Miljkovic I, Woodard G, Miljkovic I, Bunker CH, Patrick AL, Wheeler VW, Newman AB, Zmuda JM. Genetic epidemiology and genome-wide linkage analysis of carotid artery ultrasound traits in multigenerational African ancestry families. *Atherosclerosis*. Nov 2013. 231(1):120-3.
13. **Kuipers AL**, Zmuda JM, Carr JJ, Terry JG, Bunker CH, Patrick AL, Wheeler VW, Miljkovic I. Association of volumetric bone mineral density with aortic calcification in African ancestry men. *Osteoporosis Int*. Mar 2014. 25(3):1063-9.

14. **Kuipers AL**, Zhang Y, Yu S, Kammerer CM, Nestlerode CS, Chu Y, Bunker CH, Patrick AL, Wheeler VW, Miljkovic I, Zmuda. Relative influence of heritability, environment and genetics on serum sclerostin. *Osteoporosis Int*. Mar 2014. 25(3):905-12.
15. **Kuipers AL**, Yu S, Kammerer CM, Nestlerode CS, Bunker CH, Patrick AL, Wheeler VW, Zhang Y, Zmuda JM. Heritability and genetics of serum dickkopf-1 levels in African ancestry families. *Calcif Tissue Int*. Feb 2015. 96(2):155-9.
16. **Kuipers AL**, Miljkovic I, Carr JJ, Terry JG, Nestlerode CS, Ge Y, Bunker CH, Patrick AL, Zmuda J. Association of Circulating Sclerostin with Vascular Calcification in Afro-Caribbean Men. *Atherosclerosis*. Mar 2015. 17(239):218-23.
17. Miljkovic I, **Kuipers AL**, Cauley JA, Prasad T, Lee CG, Ensrud KE, Cawthorn PM, Hoffman AR, Dam T, Gordon CL, Zmuda JM *for the Osteoporotic Fractures in Men Study Group*. Greater skeletal muscle fat infiltration is associated with higher all-cause and cardiovascular mortality in older men. *J Gerontol A Biol Sci Med Sci*. Sep 2015. 70(9):1133-40.
18. **Kuipers AL**, Egwuogu H, Evans RW, Patrick AL, Youk AY, Bunker CH, Zmuda JM. Renal function and bone loss in a cohort of Afro-Caribbean men. *J Bone Miner Res*. Dec 2015. 30(12):2215-20.
19. Miljkovic I, **Kuipers AL**, Cvejkus R, Bunker CH, Patrick AL, Gordon CL, Zmuda JM. Myosteatosis increases with aging and is associated with incident diabetes in African ancestry men. *Obesity*. Feb 2016. 24(2):476-82.
20. Tilves CM, Zmuda JM, **Kuipers AL**, Nestlerode CS, Evans RW, Bunker CH, Patrick AL, Miljkovic I. Association of lipopolysaccharide-binding protein with aging-related adiposity change and prediabetes among African ancestry men. *Diabetes Care*. Mar 2016. 39(3):385-91.
21. **Kuipers AL**, Miljkovic I, Evans R, Bunker CH, Patrick AL, Zmuda JM. Optimal serum cholesterol concentrations are associated with accelerated bone loss in African ancestry men. *Osteoporosis Int*. Apr 2016. 27(4):1577-84.
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56. Pavey H, Wood A, McEniery CM, AlGhatrif M, Arshi B, Brunner EJ, Chen CH, Cheng HM, Hansen TW, Ikram MK, Kavousi M, Kuh D, **Kuipers AL**, Lakatta EG, Linneberg A, Mattace-Raso F, Mitchell GF, Maldonado J, Newman AB, Pereira T, Maki-Petaja K, Shipley MJ, Shokawa T, Vasan RS, Wong A, Ben-Shlomo Y, Wilkinson IB. Association between carotid-femoral pulse wave velocity and cardiovascular disease in individuals with moderate blood pressure: a systematic review and individual participant meta-analysis. *BMJ Open* 2025 Dec 15;15(2):e101368.

## Presentations

1. **Kuipers AL**, Moffett SP, Nestlerode CS, Wheeler VW, Patrick AL, Bunker CH, Cauley JA, Ferrell RE, Zmuda JM. Genomic variation in transforming growth factor beta 1 induced transcript 1 (TGFB111) is associated with multiple measures of body composition in Afro-Caribbean men. Poster presented at the 2005 Annual Meeting of the American Society of Human Genetics. Salt Lake City, UT. October 25-29, 2005.
2. **Kuipers AL**, Moffett SP, Nestlerode CS, Wheeler VW, Patrick AL, Bunker CH, Cauley JA, Ferrell RE, Zmuda JM. Variation in the transforming growth factor beta 1 induced transcript 1 (TGFB111) gene region is associated with body size, bone density and body composition in Afro-Caribbean men. Poster presented at the International Osteoporosis Foundation's World Congress on Osteoporosis. Toronto, Ontario, Canada. June 2-6, 2006.
3. Miljkovic-Gacic I, Wang XJ, Kammerer CM, Nestlerode C, Yerges LM, **Kuipers A**, Goodrich L, Kuller LH, Bunker CH, Patrick AL, Wheeler VW, RW Evans, Zmuda JM. High-density association analysis of the CETP locus and HDL-c in families of African ancestry: The Tobago Family Health Study. Poster presented at the 2007 Annual Meeting of the American Society of Human Genetics. San Diego, CA, October 22-27, 2007.
4. **Kuipers AL**, Cauley J, Ensrud K, Gordon C, Inglis D, Wheeler VW, Patrick AL, Bunker CH, Nestlerode CS, Hoffman AR, Orwoll E, Zmuda JM. A common single nucleotide polymorphism in the high mobility group at-hook 2 (HMGA2) gene is associated with bone mass in men. Poster presented at the

- American Society of Bone and Mineral Research Annual Meeting. Montréal, Québec, Canada. September 11-16, 2008.
5. **Kuipers AL**, Miljkovic I, Woodard G, Mitchell-Barinas E, Kammerer CM, Dressen A, Bunker CH, Wheeler VW, Patrick AL, Kuller LH, Sutton-Tyrrell K, Zmuda JM. Heritability of subclinical atherosclerosis in multi-generational families of African ancestry: The Tobago Family Health Study. Presented at Oral session at the American Heart Association's Council on Cardiovascular Disease Epidemiology and Prevention Annual Meeting. Palm Harbor, FL, March 10-14, 2009.
  6. **Kuipers AL**, Nestlerode CS, Zhang Y, Okobia M, Bunker CH, Wheeler VW, Patrick A, Zmuda JM. Association of a novel non-synonymous coding variant in the Frizzled-1 gene with BMD among Afro-Caribbean men. Poster presented at the American Society of Bone and Mineral Research Annual Meeting. Denver, CO. September 11-14, 2009.
  7. **Kuipers AL**, Gundberg C, Dressen AS, Kammerer CM, Bunker CH, Edwards AR, Patrick AL, Wheeler VW, Zmuda JM. Genome wide linkage of osteocalcin to chromosome 18 in multi-generational families of African ancestry. Poster presented at the American Society of Bone and Mineral Research Annual Meeting. Toronto, Ontario, Canada, October 15-18, 2010.
  8. **Kuipers AL**, Woodard GA, Sutton-Tyrrell K, Miljkovic I, Li H, Bunker CH, Patrick A, Wheeler VW, Kammerer CM, Zmuda JM. Genetic and phenotypic correlation between bone mineral density and subclinical cardiovascular disease in multigenerational families of African ancestry. Poster presented at the American Society of Bone and Mineral Research Annual Meeting. Toronto, Ontario, Canada, October 15-18, 2010.
  9. **Kuipers AL**, Miljkovic I, Kammerer CM, Woodard G, Bunker CH, Patrick AL, Wheeler VW, Sutton-Tyrrell K, Zmuda JM. Genome-wide linkage analysis of carotid artery ultrasound phenotypes in multigenerational Afro-Caribbean families. Presented at both oral and poster sessions at the American Heart Association's Council on Cardiovascular Epidemiology and Prevention Annual Meeting. Atlanta, GA, March 23-25, 2011.
  10. **Kuipers AL**, Kammerer CM, Miljkovic I, Bunker CH, Patrick AL, Wheeler VW, Sutton-Tyrrell K, Zmuda JM. Bivariate linkage analysis identifies a genomic region with potential pleiotropic effects on bone mineral density and subclinical cardiovascular disease indices. Poster presented at the American Society for Bone and Mineral Research Annual Meeting. San Diego, CA, September 16-20, 2011.
  11. Miljkovic I, **Kuipers AL**, Sheu Y, Bunker CH, Patrick AL, Wheeler VW, Zmuda JM. Longitudinal changes in skeletal muscle adipose tissue infiltration with age in African ancestry men. Poster presented at the 29<sup>th</sup> Obesity Society Meeting. Orlando, FL, October 1-5, 2011.
  12. Patrick AL, **Kuipers AL**, Woodard G, Miljkovic I, Bunker CH, Sutton-Tyrrell K, Zmuda JM. Carotid intima medial thickness in healthy Tobago families: Possible implications for cardiovascular intervention. Presented as oral research at the Caribbean Health Research Council-57<sup>th</sup> Annual Scientific Meeting. Cayman Islands, April 19-21, 2012.
  13. Miljkovic I, Sheu Y, **Kuipers AL**, Goodpaster BH, Bunker CH, Patrick AL, Zmuda JM. A Longitudinal assessment of skeletal muscle adiposity and type 2 diabetes in African ancestry men. Poster presented at the 72<sup>nd</sup> American Diabetes Association's Scientific Sessions. Philadelphia, PA, June 8-12, 2012.
  14. Miljkovic I, **Kuipers AL**, Bunker CH, Patrick AL, Zmuda JM. Resequencing of FABP4 and its association with adiposity phenotypes in African ancestry men. Poster presented at the 30<sup>th</sup> Obesity Society Meeting. San Antonio, TX, September 20-24, 2012.
  15. **Kuipers AL**, Zmuda JM, Carr JJ, Terry GJ, Bunker CH, Patrick AL, Wheeler VW, Miljkovic I. Association of cortical volumetric bone mineral density with arterial calcification in African ancestry men. Poster presented at the American Society of Bone and Mineral Research Annual Meeting. Minneapolis, MN, October 12-15, 2012.
  16. Miljkovic I, Sheu Y, **Kuipers AL**, Goodpaster BH, Bunker CH, Patrick AL, Zmuda JM. Skeletal muscle fat infiltration accelerates with aging in African ancestry men. Poster presented at the 65<sup>th</sup> Gerontological Society of America Annual Scientific Meeting. San Diego, CA, November 14-18, 2012.
  17. **Kuipers AL**, Zmuda JM, Bunker CH, Patrick AL, Miljkovic I. Association of circulating fibroblast growth factor-23 with adiposity and lipoprotein concentrations in African ancestry men. Poster presented at the American Heart Association EPI|Lifestyle 2013 Scientific Sessions. New Orleans, LA, March 19-23, 2013, 2013.

18. **Kuipers AL**, Zmuda JM, Bunker CH, Patrick AL, Miljkovic I. Arterial calcification in Afro-Caribbean men from Tobago. Presented as oral research at the 58<sup>th</sup> Annual Scientific Meeting of the Caribbean Public Health Agency (CARPHA). Barbados, May 2-4, 2013.
19. Miljkovic I, **Kuipers AL** (presenting author), Sheu Y, Bunker CH, Patrick AL, Zmuda JM. Natural history and magnitude of changes in body fat distribution with aging in Afro-Caribbean men: Longitudinal data from the Tobago Health Study. Presented as oral research at the 58<sup>th</sup> Annual Scientific Meeting of the Caribbean Public Health Agency (CARPHA). Barbados, May 2-4, 2013.
20. **Kuipers AL**, Zhang Y, Yu S, Kammerer CM, Nestlerode CS, Chu Y, Bunker CH, Patrick AL, Wheeler VW, Miljkovic I, Zmuda JM. Genetic analysis of serum sclerostin. Poster presented at the American Society of Bone and Mineral Research Annual Meeting. Baltimore, MD, Oct 4-7, 2013.
21. Miljkovic I, **Kuipers AL**, Sheu Y, Carr JJ, Hightower RC, Terry JG, Ge Y, Patrick AL, Bunker CH, Zmuda JM. Skeletal muscle adiposity is associated with diabetes independent of visceral, liver and total body fat in African ancestry men. Poster presented at the 73<sup>rd</sup> Annual Scientific Sessions of the American Diabetes Association, Chicago, June 21-24, 2013.
22. Miljkovic I, Prasad T, Cauley J, **Kuipers A**, Lee C, Cawthon P, Orwoll E, Dam T, Bunker C, Patrick A, Zmuda J. Longitudinal assessment of skeletal muscle composition in white versus black elderly men. Poster presented at the 74<sup>th</sup> Annual Scientific Sessions of the American Diabetes Association. San Francisco, June 13-17, 2014.
23. **Kuipers AL**, Miljkovic I, Carr JJ, Terry JG, Nestlerode CS, Ge Y, Bunker CH, Patrick AL, Zmuda JM. Association of serum sclerostin with vascular calcification in African ancestry men. Poster presented at the American Heart Association EPI|Lifestyle 2015 Scientific Sessions. Baltimore, MD, March 3-6, 2015.
24. Miljkovic I, **Kuipers AL**, Cvejkus RK, Bunker CH, Patrick AL, Zmuda JM. Skeletal muscle density: a novel risk factor for hypertension in aging African ancestry men. Moderated poster presented at the American Heart Association EPI|Lifestyle 2015 Scientific Sessions. Baltimore, MD, March 3-6, 2015.
25. Miljkovic I, **Kuipers AL**, Carr JJ, Terry JG, Ge Y, Bunker CH, Patrick AL, Zmuda JM. Liver adiposity is associated with hyperinsulinemia and insulin resistance independent of total body, central, and muscle adiposity in African ancestry men. Poster presented at the 75<sup>th</sup> Annual Scientific Sessions of the American Diabetes Association. Boston, June 5-9, 2015.
26. Zhao Q, Zmuda JM, **Kuipers AL**, Bunker CH, Patrick AL, Miljkovic I. Greater myosteatosis is associated with higher all-cause mortality among men of African ancestry. Poster presented at the 75<sup>th</sup> Annual Scientific Sessions of the American Diabetes Association. Boston, June 5-9, 2015.
27. **Kuipers AL**, Miljkovic I, Carr JJ, Terry JG, Nair S, Ge Y, Cvejkus R, Bunker CH, Patrick AL, Wassel CL, Zmuda JM. Prevalence and Age-Related Trends of Subclinical Cardiovascular Disease Burden in Adult Afro-Caribbean Men from Tobago. Poster presented at the American Heart Association EPI|Lifestyle 2016 Scientific Sessions. Phoenix, AZ, March 1-4, 2016.
28. Miljkovic I, **Kuipers AL**, Carr JJ, Terry JG, Nair S, Ge Y, Cvejkus R, Tilves C, Bunker CH, Patrick AL, Zmuda JM. Association of intermuscular fat density with hyperinsulinemia and insulin resistance. Poster presented at the American Heart Association EPI|Lifestyle 2016 Scientific Sessions. Phoenix, AZ, March 1-4, 2016.
29. **Kuipers AL**. Arterial Calcification: Is the Wnt Pathway a Link between Bone and the Vasculature? Oral presentation at the AIMM-ASBMR John Haddad Young Investigator Meeting. Snowmass, CO, March 27-31, 2016.
30. **Kuipers AL**, Zmuda JM, Carr JJ, Terry JG, Nair S, Cvejkus R, Bunker CH, Patrick AL, Wassel CL, Miljkovic I. Ectopic adiposity is associated with abdominal aorto-iliac but not coronary artery calcification independent of total body adiposity in African ancestry men. Poster presented at the American Heart Association EPI|Lifestyle 2017 Scientific Sessions. Portland, OR, March 7-10, 2017.
31. Miljkovic I, **Kuipers AL**, Carr JJ, Terry JG, Nair S, Ge Y, Cvejkus R, Bunker CH, Patrick AL, Zmuda JM. Muscle and liver, but not visceral adiposity, are independently associated with type 2 diabetes in African-ancestry men. Moderated poster presented at the American Heart Association EPI|Lifestyle 2017 Scientific Sessions. Portland, OR, March 7-10, 2017.
32. Yau MS, Hsu YH, **Kuipers AL**, Price R, Nicolas A, Tajuddin S, Handelman S, Arbeeve L, Chesi A, Liu CT, Kinua F, Chou WC, Karasik D, Joehanes R, Demissie S, Cupples LA, Zemel B, Grant S, Jordan

- JM, Jackson R, Evans M, Harris T, Zmuda JM, Kiel DP.. Oral presentation at the American Society for Bone and Mineral Research 2017 Annual Meeting. Denver, CO, September 8-11, 2017.
33. **Kuipers AL**, Miljkovic I, Barinas-Mitchell EJM, Cvejkus R, Bunker CH, Wheeler VW, Zmuda JM. Association of an enhancing Wnt pathway mutation with carotid artery wall traits in African ancestry men. Poster presented at the American Heart Association EPI|Lifestyle 2018 Scientific Sessions. New Orleans, LA, March 20-23, 2018.
  34. **Kuipers AL**, Barinas-Mitchell EJM, Minster RL, Wojczynski M, Christiansen L, Kulminski A, Thyagarajan B, Newman AB. Genome-wide linkage analysis of carotid artery traits in exceptionally long-lived families. Poster presented at the American Heart Association EPI|Lifestyle 2018 Scientific Sessions. New Orleans, LA, March 20-23, 2018.
  35. Cui C, Sekikawa A, Kuller LH, Lopez O, Newman AB, **Kuipers AL**, Mackey H. Arterial stiffness is associated with increased risk of incident dementia in the older elderly: the cardiovascular health study cognition study. Poster presented at the American Heart Association EPI|Lifestyle 2018 Scientific Sessions. New Orleans, LA, March 20-23, 2018.
  36. Ali H, Zmuda JM, Cvejkus R, Kershaw EE, **Kuipers AL**, Bunker CH, Miljkovic I. Inverse associations between circulating SFRP5 and adiposity among African Caribbean men. Poster presented at the 78<sup>th</sup> American Diabetes Association Scientific Sessions. Orlando, FL, June 22-26, 2018.
  37. Ali H, Zmuda JM, Cvejkus R, Kershaw EE, **Kuipers AL**, Bunker CH, Miljkovic I. Wnt pathway inhibitor DKK1: a potential novel biomarker for ectopic skeletal muscle adiposity. Poster presented at the 78<sup>th</sup> American Diabetes Association Scientific Sessions. Orlando, FL, June 22-26, 2018.
  38. Cui C, Sekikawa A, Kuller LH, Lopez OL, Newman AB, **Kuipers AL**, Mackey RH. Arterial stiffness is associated with increased risk of incident dementia in the older elderly: the cardiovascular health study. Oral Presentation at the 2018 Alzheimer's Association International Conference. Chicago, IL, July 22-26.
  39. **Kuipers AL**, Wojczynski M, Barinas-Mitchell EJM, Minster RL, Wang L, Christiansen L, Kulminski A, Thyagarajan B, Province MA, Newman AB. Common variants do not explain significant linkage peaks of carotid artery traits in exceptionally long-lived families. Poster presented at the American Society of Human Genetics 2018 Annual Meeting. San Diego, CA, October 17, 2018.
  40. **Kuipers AL**, Minster RL, Barinas-Mitchell EJM, Christiansen K, Feitosa M, Cosentino S, Newman AB. Correlation between vascular aging and functional decline in exceptionally long-lived families. Poster presented at the American Heart Association Scientific Sessions 2018. Chicago, IL, November 11, 2018.
  41. **Kuipers AL**, Barinas-Mitchell E, Nestlerode CS, Wheeler VW, Miljkovic I, Zmuda JM. Wnt pathway gene expression is associated with greater arterial stiffness. Poster presentation at the American Heart Association Epi|Lifestyle Sessions. Houston, TX, March 6, 2019.
  42. Tilves C, **Kuipers A**, Zmuda J, Carr J, Terry J, Nair S, Sekikawa A, Bunker C, Wheeler V, Miljkovic I. Intermuscular fat density: novel risk factor for cardiometabolic risk factors in African-ancestry men. Oral presentation at the American Heart Association Epi|Lifestyle Sessions. Houston, TX, March 6, 2019.
  43. **Kuipers AL**, Cvejkus RK, Wheeler VW, Miljkovic I. Association of physical activity with blood pressure and hypertension in Afro-Caribbean men. Oral presentation at the 64<sup>th</sup> Annual Scientific Meeting of the Caribbean Public Health Agency (CARPHA). Trinidad and Tobago, June 21, 2019.
  44. Sherlala RA, Kammerer CM, **Kuipers AL**, Wojczynski MK, Ukraintseva SV, Feitosa MF, Mengel-From J, Minster RL. The relationship between serum IGF-1 and BMI by Age. Presented as a Poster Presentation at the Gerontological Society of America 2019 Annual Scientific Meeting. Austin, TX, November 13-17, 2019.
  45. **Kuipers AL**, Carr JJ, Terry JG, Nair S, Barinas-Mitchell E, Wheeler VW, Miljkovic I. Aortic areas at multiple locations are independent correlates of multiple subclinical cardiovascular disease measures. Presented as a Poster Presentation at the American Heart Association Epi|Lifestyle 2020 Scientific Sessions. Phoenix, AZ, March 3-6, 2020.
  46. Tilves C, **Kuipers A**, Zmuda J, Carr JJ, Terry JG, Nair S, Peddada S, Bunker CH, Wheeler V, Miljkovic I. Associations of adipose tissue distribution with hypertension and diabetes in African ancestry men: A novel approach using compositional data analysis. Presented as a Poster Presentation at the American Heart Association Epi|Lifestyle 2020 Scientific Sessions. Phoenix, AZ, March 3-6, 2020.

47. Tilves C, **Kuipers A**, Zmuda J, Carr JJ, Terry JG, Nair S, Thyagarajan B, Wheeler V, Miljkovic I. Myosteatosi: Differences in association with type 2 diabetes by anatomical location. Presented as a Poster Presentation at the American Heart Association Epi|Lifestyle 2020 Scientific Sessions. Phoenix, AZ, March 3-6, 2020.
48. An P, Lu Y, Thagarajan B, **Kuipers AL**, Anema JA, Miljkovic I, Daw EW, Province MA. Genetics of TG/HDL-c ratio and its change over time in subjects without diabetes: The Long Life Family Study (LLFS) and the Family Heart Study (FamHS). Presented as a (virtual) Poster Presentation at the American Diabetes Association 2020 Scientific Sessions. Chicago, IL, June 12-16, 2020.
49. **Kuipers AL**, Carr JJ, Terry JG, Nair S, Barinas-Mitchell E, Wheeler VW, Miljkovic I. Aortic Area is a Novel Predictor of Cardiovascular Disease in African Caribbean Men. Presented as an Oral Presentation at the Virtual Trinidad and Tobago National Research Conference. Virtual Conference, November 19-20, 2020.
50. **Kuipers AL**, Nestlerode CS, Wheeler VW, Miljkovic I, Zmuda JM. Gene Expression Profiling Suggests Downregulation of Wnt Pathway Signaling with Aging. Presented as a poster at The Gerontological Society of America 2020 Annual Scientific Meeting Online. Virtual Conference, November 3-6, 2020.
51. **Kuipers AL**, Boudreau R, Feitosa MF, Galvin A, Thyagarajan B, Zmuda JM. Association of Brain Natriuretic Peptide with Mortality in Exceptionally Long-Lived Families. Presented as a poster at The Gerontological Society of America 2020 Annual Scientific Meeting Online. Virtual Conference, November 3-6, 2020.
52. An P, Thygarajan B, **Kuipers AL**, Miljkovic I, Zmuda JM, Province M. Whole genome linkage scan identifies a novel locus on 3q28 for TG/HDL-C ratio change over time. Presented as a poster at The Gerontological Society of America 2020 Annual Scientific Meeting Online. Virtual Conference, November 3-6, 2020.
53. Acevedo-Fontánez AI, Cvejkus R, **Kuipers AL**, Wheeler V, Miljkovic I. Low Sleep Duration in Tobagonian Men and Women is Associated with Greater Overall and Central Obesity. Presented as an oral presentation at the 65<sup>th</sup> Annual Scientific Meeting of the Caribbean Public Health Agency (CARPHA). Virtual Conference, June 16-19, 2022.
54. **Kuipers AL**, Wheeler V, Miljkovic I. Aortic Area is a Novel Predictor of Cardiovascular Disease in African Caribbean Men. Presented as an oral presentation at the 65<sup>th</sup> Annual Scientific Meeting of the Caribbean Public Health Agency (CARPHA). Virtual Conference, June 16-19, 2021.
55. **Kuipers AL**, Cvejkus RK, Barinas-Mitchell E, Feitosa M, Murabito J, Zmuda JM. Epidemiology of Peripheral Vascular Disease in the Long Life Family Study (LLFS). Oral presentation at the GSA 2021 Annual Scientific Meeting. Virtual conference, November 10-13, 2021.
56. Pavey H, McEniery C, Wilkinson I, Wook A, Maki-Petaja K, Ben-Schlomo Y, Pereira T, Maldonado J, Brunner E, Shipley MJ, Lakatta E, Alghatrif M, Willum-Hansen T, Linneberg A, Newman A, **Kuipers A**, Kuh D, Mitchell G, Ramachandran VS, Chen CH, Cheng HM. The Additional Prognostic Value of Arterial Stiffness on Primary Cardiovascular Events in Pre and Stage-1 Hypertensives. Presented as an oral presentation at ARTERY 2021. Virtual Conference October 21-23, 2021.
57. Acevedo-Fontánez A, Cvejkus R, **Kuipers AL**, Zmuda J, Wheeler V, Rosano C\*, Miljkovic I\*. Myosteatosi is associated with worse cognition in African Caribbean women. Presented as an oral presentation and moderated poster at the American Heart Association 2022 Epi|Lifestyle Annual Conference. Chicago, IL; March 1-4, 2022.
58. Marron MM, Cvejkus RK, Acevedo-Fontánez A, **Kuipers AL**, Nair S, Carr J, Terry JG, Wheeler V, Miljkovic I. Replacing objectively measured sedentary time with light physical activity was associated with a less harmful ectopic fat distribution in African ancestry men. Presented as an oral presentation at the American Heart Association 2022 Epi|Lifestyle Annual Conference. Chicago, IL; March 2, 2022.
59. Thomas CE, Diergaarde B, **Kuipers AL**, Adibi JJ, Luu HN, Chang X, Dorajoo R, Heng CK, Khor CC, Wang R, Jin A, Koh WP, Yuan JM. Non-alcoholic fatty liver disease polygenic risk score and risk of hepatocellular carcinoma in an East Asian population. Presented as a poster presentation at the AACR 2022 Annual Meeting. New Orleans, LA; April 12, 2022.
60. **Kuipers AL**, Katz R, Gupta DK, Mallugari R, Thomas CN, Gonzalez I, Cvejkus RK, Wheeler V, Miljkovic I. Preliminary report of the first epidemiology study of cardiac structure and function in African ancestry adults in the Caribbean: The Tobago Heart Study. Presented as an oral presentation at the

- 66<sup>th</sup> Annual CARPHA Health Research Conference. Kingston, Jamaica (HYBRID); September 15-17, 2022.
61. Acevedo-Fontáñez A, Cvejkus R, **Kuipers AL**, Zmuda J, Wheeler V, Rosano C\*, Miljkovic I\*. Skeletal muscle adiposity is associated with worse cognition in African Caribbean Women. Presented as an oral presentation at the 66<sup>th</sup> Annual CARPHA Health Research Conference. Kingston, Jamaica (HYBRID); September 15-17, 2022.
  62. **Kuipers AL**, Cvejkus RK, Thyagarajan B, Patti G, Feitosa MF, Mengel-From J, Barinas-Mitchell E, Zmuda JM. Association of Plasma Lipid Metabolites with Ankle-Brachial Index in the Long Life Family Study. Presented in an oral symposium at the Gerontological Society of America 2022 Annual Conference. Indianapolis, IN; November 5, 2022.
  63. Acevedo-Fontáñez A, Cvejkus R, **Kuipers AL**, Zmuda J, Wheeler V, Rosano C\*, Miljkovic I\*. Skeletal muscle adiposity is associated with lower cognition in African Caribbean Women. Presented at a poster session at the Gerontological Society of America 2022 Annual Conference. Indianapolis, IN; November 4, 2022.
  64. Acevedo-Fontanez AI, Cvejkus RK, Hawkins M, **Kuipers A**, Marron M, Zmuda J, Barinas-Mitchell E, Wheeler V, Miljkovic I. Reallocation of sedentary time with light physical activity is associated with better sleep efficiency in African Caribbeans. Presented at a poster session at the American Heart Association 2023 Epi|Lifestyle Scientific Sessions. Boston, MA; March 2, 2023.
  65. Katz R, Cvejkus RK, Thyagarajan B, Carr JJ, Terry JG, Nair S, Wheeler V, Miljkovic I, Barinas-Mitchell E, **Kuipers AL**. Proteomic profiling of African-ancestry adults identifies potential novel biomarkers of vascular aging. Presented at a moderated poster session at the American Heart Association 2023 Epi|Lifestyle Scientific Sessions. Boston, MA; March 1, 2023.
  66. Ressler DA, Cvejkus RK, Barinas-Mitchell E, Feitosa MF, Murabito MF, Daw EW, Minster RL, Zmuda JM, **Kuipers AL**. Genetic Epidemiology of Ankle Brachial Index in the Long Life Family Study. Oral Presentation at the Gerontological Society of America 2023 Annual Scientific Meeting. Tampa, FL; November 12, 2023.
  67. Katz R, Gupta DK, Mallugari R, Thomas C, Gonzalez I, Cvejkus RK, Wheeler V, Miljkovic I, **Kuipers AL**. Correlates of Cardiac Structure and Function in African Ancestry Adults in the Caribbean: The Tobago Heart Study. Presented as poster and moderated poster session. American Heart Association 2024 EPI|Lifestyle Scientific Sessions. Chicago, IL; March 19-20, 2024.
  68. Acevedo-Fontáñez AI, Bessette L, Cvejkus RK, Carr JJ, Terry JG, Nair S, **Kuipers AL**, Wheeler V, Miljkovic I. Alcohol Consumption and Its Relation to Ectopic Adiposity in African Caribbean Men. Presented in oral and poster sessions. American Heart Association 2024 Epi|Lifestyle Scientific Sessions. Chicago, IL; March 18-19, 2024.
  69. Zhang Z, El Khoudary SR, Cvejkus RK, Rosano C, Wheeler V, **Kuipers AL**, Miljkovic I. Novel Association Between Parity and Skeletal Muscle Adiposity in Middle-Aged and Older African Caribbean Women. Presented as poster session. American Heart Association 2024 EPI|Lifestyle Scientific Sessions. Chicago, IL; March 19, 2024.
  70. **Kuipers AL**, Kline C, Cvejkus RK, Barinas-Mitchell E, Zmuda JM. Predictors of change in carotid artery ultrasound measures in the Long Life Family Study. Presented at a Poster Session. Gerontological Society of America 2024 Annual Scientific Meeting. Seattle, WA; November 16, 2024.
  71. Seshadri G, Vivek S, Wojczynski M, **Kuipers A**, Zmuda JM, Miljkovic I, Ukraintseva S, Thyagarajan B. Association between T-cell subsets and mortality: Findings from the Long Life Family Study. Presented at a Poster Session. Gerontological Society of America 2024 Annual Scientific Meeting. Seattle, WA; November 13, 2024.
  72. **Kuipers AL**, Katz R, Thomas C, Gupta DK, Mallugari R, Wheeler V, Miljkovic I. Correlates of Cardiac Structure and Function from the First Population-based Study of Echocardiography in the African Caribbean Diaspora. Oral presentation. American Heart Association | Epi/Lifestyle 2025 Scientific Sessions. New Orleans, LA; March 8, 2025.
  73. Katz R, Miljkovic I, Cvejkus R, Wheeler V, Tang WY, Sanders A, Barchowsky A, **Kuipers AL**. Association of Urinary Arsenic Concentration with Hypertension and Arterial Stiffness in Afro-Caribbean Adults. Presented as both oral and poster presentations. American Heart Association | Epi/Lifestyle 2025 Scientific Sessions. New Orleans, LA; March 7, 2025.

74. Acevedo-Fontáñez AI, Katz R, Thomas C, Gupta DK, Mallugari R, Wheeler V, Patel SR, Miljkovic I, **Kuipers AL**. Association of Sleep Duration with Cardiac Structure and Function in African Caribbeans: A preliminary report from the Tobago Heart Study. Moderated poster presentation. American Heart Association | Epi/Lifestyle 2025 Scientific Sessions. New Orleans, LA; March 6, 2025.
75. **Kuipers AL**, Thomas C, Katz R, Gupta DK, Mallugari R, Wheeler V, Miljkovic I. Sex Differences and Correlates of Cardiac Structure and Function from the First Population-based Assessment of Echocardiography in African Caribbeans. Oral presentation. 69<sup>th</sup> Annual Caribbean Public Health Agency (CARPHA) Health Research Conference. Barbados, West Indies; May 9, 2025.
76. **Kuipers AL**, Thomas C (\*presenting), Gupta D, Mallugari R, Gonzalez I, Rodriguez M, Bemby Z, Boodram A, Lambie C, Katz R, Cvejkus R, Wheeler V, Miljkovic I. Does Hypertension or Obesity Predict Left Ventricular Remodeling in Adult Tobagonians? Oral presentation. Caribbean Cardiac Society Annual Research Meeting. Trinidad, West Indies; July 24, 2025.
77. Thomas C, Gonzalez I, Gupta D, Mallugari R, Rodriguez M, Bemby Z, Boodram A, Lambie C, Katz R, Cvejkus R, Wheeler V, Miljkovic I, **Kuipers AL**. Left Ventricular Function in Adult Women with Concentric Remodeling: Insights from the Tobago Heart Study. Oral presentation. Caribbean Cardiac Society Annual Research Meeting. Trinidad, West Indies; July 25, 2025.
78. Price NF, Jahan N, Cvejkus R, Parsons PJ, Gennings C, Barchowsky A, **Kuipers AL**, Wheeler V, Zmuda J, Sanders AP, Miljkovic I. The effects of metal mixtures on blood pressure and hypertension in African Caribbean adults. Poster presentation. American Society of Nephrology Kidney Week 2025. Houston, TX; November 6, 2025.
79. Deb Nath N, Miljkovic I, Katz R, Gupta DK, Mallugari R, Cvejkus R, Wheeler V, Thomas C, **Kuipers AL**. Association of Diabetes with Cardiac Structure and Function Among African Caribbeans in Tobago: A Population Based Cohort Study. Poster presentation and award finalist. American Heart Association EPI|Lifestyle Scientific Sessions 2026. Boston, MA; March 18, 2026.
80. Yono Z, Hosner J, Deb Nath N, Katz R, Gupta DK, Mallugari RR, Cvejkus R, Wheeler V, Thomas C, Miljkovic I, **Kuipers AL**. Symptoms Associated with Early Adverse Echocardiographic Changes in a Community-based Cohort in Tobago. Oral presentation. American Heart Association EPI|Lifestyle Scientific Sessions 2026. Boston, MA; March 19, 2026.
81. Jahan N, Cvejkus RK, Price NF, Wheeler V, Parsons PJ, Mullin EJ, Robers AA, Zmuda JM, **Kuipers AL**, Sanders AP, Miljkovic I, Barchowsky A. The Association of Inorganic Arsenic Exposure with Hypertension and High Blood Pressures among African Caribbean Adults in Tobago. Poster presentation. American Heart Association EPI|Lifestyle Scientific Sessions 2026. Boston, MA; March 17, 2026.
82. Beresford R, Price NF, Barchowsky A, Sanders AP, Cvejkus RK, Carr JJ, Terry JG, Nair S, Zmuda JM, **Kuipers AL**, Wheeler V, Parsons PJ, Miljkovic I. Association between Multiple Urinary Metals and Metal Mixtures and Ectopic Adiposity in Caribbean Men: The Tobago Health Study. Poster presentation. American Heart Association EPI|Lifestyle Scientific Sessions 2026. Boston, MA; March 18, 2026.
83. Carlson LJ, Strotmeyer ES, Freeland KS, Cawthon P, Lane N, Newman AB, **Kuipers AL**, Shaaban CE, Nindi BC, Hughes J, Guerriere KU, Sekel NM, Heilmann NZ, Roe LS, Carlson JC, Cauley JA, Sekikawa A. Pulse Pressure as a Mediator of the Association Between Cognition and Bone Health in Older Women: Findings from the Study of Muscle, Mobility and Aging- Bone Ancillary Study (SOMMA Bone). Poster presentation. American Heart Association EPI|Lifestyle Scientific Sessions 2026. Boston, MA; March 19, 2026.
84. El Shami M, Ahmed M, Kerndt CC, Hollowell M, Tietema JM, Mrozek M, Pasion TP, Ocomen R, Martin J, **Kuipers AL**, Abdallah WM, Franey L, Tiu Tan JM, McNamara MW, Dahu MI, Albano AJ, Gauri AJ, Dandamudi S, Jawad W, Brunner MP, Tankut S, Chalfoun NT. Variability in Left Atrial Volume Index across Imaging Modalities. Poster Presentation. American College of Cardiology Scientific Sessions 26. New Orleans, LA; March 29, 2026.
85. Jahan N, Price NF, Cvejkus RK, Wheeler V, Parsons PJ, Mullin EJ, Roberts AA, Zmuda JM, **Kuipers AL**, Sanders AP, Miljkovic I, Barchowsky A. Age and Sex Specific Associations of Arsenic Exposure with Hypertension and Elevated Blood Pressure Measures in African-Caribbean Adults. Poster Presentation. Society of Toxicology Annual Meeting 2026. San Diego, CA; March 24, 2026.

## SERVICE

### Service to School and University (University of Pittsburgh)

2007-2011	Doctoral Student Organization	Member
2015-2019, 2022-2024	School of Public Health Dean's Day Competition	Judge
2016-2020	Department of Epidemiology Curriculum Committee	Member, Masters Subcommittee
2016-2022	Kim Sutton-Tyrrell Memorial Lectureship Planning Committee	Member
2018-2019	Department of Epidemiology Infrastructure Strategic Plan Committee	Member
2019-2025	Internal Departmental Grant Review Process	Reviewer
2020-2021	Department of Epidemiology Student Liaison Committee	Co-Chair
2021-2023	Department of Epidemiology, Preliminary Exam Committee	Chair, Applied Subcommittee
2024	Department of Epidemiology, Preliminary Exam Committee	Member, Applied Subcommittee
2021-2023	Search Committee for the Chair of the Department of Epidemiology	Member
2023-2024	Department of Epidemiology, Molecular Epidemiology Area of Emphasis (AOE)	AOE Lead

### Service to School and University (Michigan State University)

2025-2025	Grand Rapids Research Center Community Committee	Member
2025-2025	AgBioResearch Multistate/McIntire-Stennis Programmatic Funding Program	Internal Grant Reviewer
2025-2025	MSU CHM Research Advisory Committee	Member
2025-2025	MSU CHM Fall Virtual Scholarly Activity Symposium	Judge
2025-2025	Department of Medicine Advisory Committee	Vice Chair of Basic and Translational Research
2025-2025	College of Human Medicine Admissions Committee	Interviewer

### Service to Field of Scholarship

2017	AHA Strategically Focused Research Network Awards; Obesity focus	Grant Reviewer
2018, 2023	AHA Fellow's Research Day	Presentation Judge
2018	NIH Genetics of Health and Disease (GHD) Study Section	<i>Ad hoc</i> Early Career Grant Reviewer
2019, 2022	AHA Fellowships Program (Reviews in Fall)	Grant Reviewer
2019-2020	MULTIVAC scientific knowledge extraction system, Gallup (Funded by DARPA)	Panel Expert
2020	NIH Special Emphasis Panel Study Section for PAR-20-030 (February 2020)	<i>Ad hoc</i> Grant Reviewer

2021-2022	NIH Cancer, Heart, and Sleep Epidemiology A (CHSA) Study Section (June 2021, October 2021, February 2022, June 2022, disbanded end of 2022)	<i>Ad hoc</i> Grant Reviewer
2023	NIH Cardiovascular and Respiratory Disease (CRD) Study Section (March 2023)	<i>Ad hoc</i> Grant Reviewer
2023	NIH Special Emphasis Panel (EPH Member Conflict Session) Study Section (July 2023)	<i>Ad hoc</i> Grant Reviewer
2023	Gerontology Society of America 2023 Annual Meeting	Abstract Reviewer
2024	Swiss National Science Foundation, International Expert	<i>Ad hoc</i> Grant Reviewer
2024-2028 (projected)	NIH Cardiovascular and Respiratory Diseases (CRD) Study Section (start: Fall 2024)	Standing Member Grant Reviewer
2026-	Data safety monitoring board (DSMB) for A Sequential Multiple Assignment Randomized Trial of Diet Treatments in Hepatic Steatosis and Cardiometabolic Risk in Youth (SMART Diets in MASLD)	DSMB Chair

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### Manuscript and other Documentation/Publication Review

2011, 2016	Journal of Bone and Mineral Research
2012	Gene
2012, 2014, 2015, 2015, 2015, 2015, 2015, 2015, 2015, 2016, 2017, 2022	Bone
2013	Obesity
2013, 2014	PLOS Genetics
2014	Vascular Health and Risk Management
2014	Contemporary Nurse
2015, 2018, 2020, 2020, 2020	PLOS One
2015	Journal of Cardiovascular Computed Tomography
2015, 2015, 2015, 2024, 2025	American Journal of Hypertension
2015	International Journal of Women's Health
2015, 2015, 2016, 2016	Osteoporosis International
2016	Journal of Cardiovascular Translational Research
2016, 2016, 2022, 2022	Journal of Gerontology: Medical Sciences
2016, 2017, 2017, 2017	Atherosclerosis
2019, 2019	Molecular Genetics and Genomic Medicine
2020, 2020	Hypertension
2021	The Lancet: Americas
2022	Innovation in Aging
2022, 2023, 2023	Advances in Clinical and Experimental Medicine
2024, 2024	npj Cardiovascular Health
2025	European Heart Journal

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### Leadership in Scholarly and Professional Organizations and Honorary Societies

2020-2024	Long Life Family Study	Chair, Field Staff Committee
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### Non-Professional Service

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2014-2016	Epi Gives Back	Member
2015	Epi Gives Back at Cribs for Kids	Organizer
2025-	Oliver Woods Homeowners Association	Treasurer

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