

CURRICULUM VITAE

Kirsten Dorans, ScD

PERSONAL INFORMATION

ADDRESS: 1440 Canal St, New Orleans, LA 70112

CITIZENSHIP: United States

LANGUAGES: English

EDUCATION

DEGREES	YEAR	INSTITUTION
ScD	2016	Harvard T.H. Chan School of Public Health, Boston, MA
BSc	2008	McGill University, Montreal, QC, Canada

PROFESSIONAL POSITIONS

2026-Present	Associate Professor, Department of Epidemiology, Tulane University Celia Scott Weatherhead School of Public Health and Tropical Medicine, New Orleans, LA
2018-2025	Assistant Professor, Department of Epidemiology, Tulane University Celia Scott Weatherhead School of Public Health and Tropical Medicine, New Orleans, LA
2017	Research Fellow (Postdoctoral Position), Department of Epidemiology, Tulane University Celia Scott Weatherhead School of Public Health and Tropical Medicine, New Orleans, LA
2016-2019	Research Fellow (Affiliate), Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA
2016-2017	National Academies of Sciences, Engineering, and Medicine, Gulf Research Program Science Policy Fellow, New Orleans, LA
2013-2016	Research Student, Cardiovascular Epidemiology Research Unit, Beth Israel Deaconess Medical Center, Boston, MA
2012	Research Assistant, Department of Nutrition, Harvard T.H. Chan School of Public Health, Boston, MA
2009-2011	Assistant Editor, Nature Publishing Group, New York, NY
2009	News Intern, Nature Medicine, New York, NY
2008	Legislative Intern, Office of Public Affairs, American Chemical Society, Washington, DC
2008	Media & Communications Intern, US Department of Energy, Brookhaven National Laboratory, Upton, NY

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HONORS AND AWARDS

2024	Recipient of Inaugural Eisenberg Award, Tulane University Celia Scott Weatherhead School of Public Health and Tropical Medicine (\$50,000), to support the research of a young investigator.
2024	Certificate of Recognition/Proclamation from Mayor LaToya Cantrell of City of New Orleans, Louisiana; for commitment to pursuing equitable access to quality care while supporting mothers from marginalized backgrounds
2023	Tulane University Innovation Award; Recognizes a scholar/investigator who develops and explores novel ideas, approaches, and insights through interdisciplinary scholarship to address clinical, public health, or societal challenges
2022	Tulane University School of Public Health and Tropical Medicine; Recognition for Outstanding Achievement and Commitment to Excellence in Total Competitive Research Funding; Kirsten Dorans, Jiang He, Mary Schultheis, "A Cluster Randomized Trial Implementing the Diabetes Prevention Program in WIC Clinics in Louisiana"
2019	Inducted into Delta Omega Society, Eta Chapter
2016	American Heart Association Epidemiology and Prevention Early Career Travel Grant
2011-2016	NIH Training Program in the Epidemiology of Cardiovascular Disease Pre-doctoral trainee, Brigham and Women's Hospital, 2011–2016
2010	American Medical Writers Association Eric W. Martin Award for news feature, "Outpacing Cancer"
2010	American Medical Writers Association Pacific Southwest Chapter's Frances Larson Memorial Award for news feature, "Outpacing Cancer"
2006-2007	Herbert J. Brennen Scholarship – for Chemistry or Mathematics Students, McGill University
2006	Frederic J. LeMaistre Award (Scholarship), Department of Chemistry, McGill University
2006	Merck Fellowship Recipient for Summer Research in Chemistry at McGill University

RESEARCH

PUBLICATIONS

NCBI: <https://www.ncbi.nlm.nih.gov/myncbi/kirsten.dorans.1/bibliography/public/>

A. PEER REVIEWED PUBLICATIONS (PUBLISHED OR IN PRESS)

1. Dalal N, Mills KT, Yoshida Y, **Dorans KS**, Mauvais-Jarvis F, Divya A. Sex Differences in Psychosocial Burden and Healthcare Access Among U.S. Adults With Premature Atherosclerotic Cardiovascular Disease. *Am J Prev Cardiol*. 2026 (in press).
2. Li J, Duffort N, Westrick S, Heffron R, Gamble A, Hidalgo B, Mills K, **Dorans K**, Hearld KR, Hearld L, Zubkoff L, Katzmarzyk P, Mugavero M. Mapping the Landscape of Dissemination and Implementation Science Across the CTSA Consortium: A Multi-Domain Environmental Website Scan. *J Clin Transl Sci*. 2026 10(1):e97. doi: 10.1017/cts.2026.10760. eCollection 2026.
3. Harville EW, Giarratano G, Patterson M, Schultheis M, **Dorans KS**, Turner S, Harris S, Longo S, Weis K. M-O-M-S on the Bayou: Implementation of an intervention to improve mental health after disaster. *Frontiers in Environmental Health* (Accepted November 2025).
4. Kou M*, Wang X, Ma H, Heianza Y, **Dorans KS**, Bazzano LA, Qi L. Blood pressure, proteomic vascular aging, and incident cardiovascular disease. *Eur J Prev Cardiol*. 2025 Dec 5:zwaf757. doi: 10.1093/eurjpc/zwaf757.
*Student (dissertation committee)
5. Giarratano G, Patterson M; Northland B; **Dorans KS**; Longo S, Weis K, Schultheis ME, Harville EW. Planning a Perinatal Mental Health Intervention for a Post-disaster Rural Community: Caregivers' and Women's Perspectives. *Journal of Community Psychology* (Accepted).
6. Kou M*, Li X, Heianza Y, **Dorans KS**, Bazzano LA, Qi L. Epigenetic age acceleration and cardiometabolic changes in response to weight-loss dietary interventions among obese individuals: the MACRO trial. *Aging Cell*. 2025 Sept. doi: <https://doi.org/10.1111/accel.70224>. *Student (dissertation committee).
7. Howard EJ, Harville EW, Longo S, **Dorans KS**, Biggio JR. Evaluation of a remote blood pressure monitoring program during pregnancy: utilization and implementation outcomes. *Pregnancy Hypertens*. 2025 Aug 18:41:101251. doi: 10.1016/j.preghy.2025.101251.
8. Tian L*, Jaeger BC, Marshall AN, **Dorans KS**, Bell CN, Theall KP, Chen J, He J, Bundy JD. Comparison of Associations of Food Security Instruments and Mediators With Premature All-Cause and Cardiovascular Disease Death in US Adults. *Circ Cardiovas Qual Outcomes*. 2025 Jan 9:e011209.
*PhD Student advisee.
9. Xue Q, Heianza Y, Li X, Wang X, Ma H, Rood M, **Dorans KS**, Mills KT, Liu X, Bray GA, Sacks FM, Qi L. Circulating MicroRNA-19 and cardiovascular risk reduction in response to weight-loss diets. *Clin Nutr*. 2024, 43(3):892-899.
10. He J, Bundy JD, Geng S, Tian L, He H, Li X, Ferdinand KC, Anderson AH, **Dorans KS**, Vasan RS, Mills KT, Chen J. Social, Behavioral, and Metabolic Risk Factors and Racial Disparities in Cardiovascular Disease Mortality in U.S. Adults: An Observational Study. *Ann Int Med*. 2023; 176(9):1200-1208.

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11. **Dorans KS**, Bazzano LA, Qi L, He H, Appel, LJ, Samet JM, Chen J, Mills KT, Nguyen BT, Hsieh M*, O'Brien MJ, Uwaifo GI, He J. Effects of a Low-carbohydrate Dietary Intervention on Hemoglobin A1c: A Randomized Clinical Trial. *JAMA Netw Open*. 2022 5(10):e2238645. *Student.
12. **Dorans KS***, Wright JA*, Schaubel DE, Sha D, Rahman M, Feldman HI. Anxiety in Patients with Chronic Kidney Disease during the COVID-19 Pandemic: Predictors and Consequences Among Chronic Renal Insufficiency Cohort (CRIC) Study Participants. *Kidney360*. 2022, 3 (8) 1341-1349. DOI: 10.34067/KID.0000222022. *Contributed equally.
13. **Dorans KS**, Bazzano LA, Li X, Bundy JD, Tian L, He J. Lifestyle Behaviors and Cardiovascular Risk Profiles Among Parous Women by Gestational Diabetes Status, 2007–2018. *Nutr Metab Cardiovasc Dis*. 2022. 32(5):1121-1130. doi: 10.1016/j.numecd.2022.01.012. 32:1121-1130. PMID: 35210134.
14. He J, Zhu Z, Bundy JD, **Dorans KS**, Chen, J, Hamm, LL. Trends in Cardiovascular Risk Factors in US Adults by Race and Ethnicity and Socioeconomic Status. *JAMA*. 2021 326: 1286-1298. doi: 10.1001/jama.2021.15187. PMID: 34609450. PCID: PMC8493438.
15. Razavi AC, Bazzano LA, He J, Krousel-Wood M, **Dorans KS**, Razavi MA, Fernandez C, Whelton SP, Kelly TN. Discordantly normal ApoB relative to elevated LDL-C in persons with metabolic disorders: A marker of atherogenic heterogeneity. *Am J Prev Cardiol*. 2021 7:100190. doi: 10.1016/j.ajpc.2021.100190. PMID: 34611635. PCID: 34611635.
16. **Dorans KS**, Bazzano LA, Qi L, He H, Appel, LJ, Samet JM, Chen J, Mills KT, Nguyen BT, O'Brien MJ, Uwaifo GI, He J. Low-carbohydrate Dietary Pattern on Glycemic Outcomes Trial (ADEPT) among Individuals with Elevated Hemoglobin A1c: Study Protocol for a Randomized Controlled Trial. *Trials*. 2021 108. doi: 10.1186/s13063-020-05001-x. PMID: 33522954. PCID: PMC7848246.
17. **Dorans KS**, He H, Chen J, Dobre M, Go AS, Hamm LL, Jaar BG, Mehta RC, Rahman M, Ricardo AC, Rosas SE, Srivastava A, He J. Change in Ankle Brachial Index with Mortality Among Individuals with Chronic Kidney Disease: Findings from the CRIC Study. *Nephrol Dial Transplant*. 2021. 36:2224–2231. doi: <https://doi.org/10.1093/ndt/gfaa246>. PMID: 34697628. PCID: 34697628.
18. Harville EW, Bazzano L, Qi L, He J, **Dorans K**, Perng W, Kelly T. Branched-chain amino acids, history of gestational diabetes, and breastfeeding: The Bogalusa Heart Study. *Nutr Metab Cardiovasc Dis*. 2020 30: 2077–2084. doi: 10.1016/j.numecd.2020.06.015. PMID: 32819784 PCID: PMC7606618.
19. He W, Li C, Mi X, Shi M, Gu X, Bazzano LA, Razavi AC, Nierenberg JL, **Dorans KS**, He H, Kelly TN. An Untargeted Metabolomics Study of Blood Pressure: Findings From the Bogalusa Heart Study. *J Hypertens*. 2020 36:1302–1311. doi: 10.1097/HJH.0000000000002363. PMID: 32004207.
20. Murray EJ, Farland LV, Caniglia EC, **Dorans KS**, DuPre NC, Hughes KC, Kim IY, Pernar CH, Tanz LJ, Zack RM. Is this a Portrait of John Graunt? An Art History Mystery. *Am J Epidemiol*. 2020 89:1204-1207. doi: 10.1093/aje/kwz212. PMID: 31576411. PCID: PMC7670870.
21. Beck, MW, Sherwood ET, Henkel JR, **Dorans KS**, Ireland K, Varela P. Assessment of the Cumulative Effects of Restoration Activities on Water Quality in Tampa Bay, Florida. *Estuaries and Coasts*. 2019 42: 1775–1791. doi: <https://doi.org/10.1007/s12237-019-00619-w>. PMID: 31853233. PCID: PMC6919555
22. Li W, **Dorans KS**, Wilker EH, Rice MB, Ljungman PL, Schwartz JD, Coull BA, Koutrakis P, Gold DR, Keaney JF, Vasan RS, Benjamin EJ, Mittleman MA. Short-term Exposure to Ambient Air Pollution and

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- Circulating Biomarkers of Endothelial Cell Activation: The Framingham Heart Study. *Environmental Research*. 2019 171:36-43. doi: 10.1016/j.envres.2018.10.027. PMID: 30654247. PMCID: PMC6478022
23. **Dorans KS**, Mills KT, Liu Y, He J. Trends in Prevalence and Control of Hypertension According to the 2017 American College of Cardiology/American Heart Association (ACC/AHA) Guideline. *JAHA*. 2018 June 1. pii: e008888. doi: 10.1161/JAHA.118.008888. PMID: 29858369. PMCID: PMC6015372
24. Rice MB, Li W, **Dorans KS**, Wilker EH, Ljungman PL, Gold DR, Koutrakis P, O'Connor GT, Mittleman MA, Washko GR. Exposure to Traffic and Fine Particulate Matter and Clinical and Radiographic Measures of Lung Disease in the Framingham Heart Study. *Epidemiology*. 2018 29(3): 333–341. PMID: 29384790. PMCID: PMC6095201.
25. Li W, **Dorans KS**, Wilker EH, Rice MB, Kloog I, Schwartz JD, Koutrakis P, Coull BA, Meigs JB, Fox CS, Mittleman MA. Ambient Air Pollution, Adipokines, and Glucose Homeostasis: The Framingham Heart Study. *Environment International*. **111**; 14–22 (2018). doi:10.1016/j.envint.2017.11.010. PMID: 29161632. PMCID: PMC5800943.
26. Li W, **Dorans KS**, Wilker EH, Li W, Rice MB, Ljungman PL, Schwartz J, Coull BA, Koutrakis P, Gold DR, Keaney JF, Vasan RS, Benjamin E, Mittleman MA. Short-Term Exposure to Ambient Air Pollution and Biomarkers of Systemic Inflammation: The Framingham Heart Study. *Arterioscler Thromb Vasc Biol*. **37**, 1793–1800 (2017). doi: 10.1161/ATVBAHA.117.309799. PMID: 28751572. PMCID: PMC5570664.
27. Li W, **Dorans KS**, Wilker EH, Rice MB, Long MT, Schwartz J, Coull BA, Koutrakis P, Gold DR, Fox CS, Mittleman MA. Residential Proximity to Major Roadways, Fine Particulate Matter, and Hepatic Steatosis: The Framingham Heart Study. *American Journal of Epidemiology*. **186**, 857–865 (2017). doi: <https://doi.org/10.1093/aje/kwx127>. PMID: 28605427. PMCID: PMC5860476.
28. **Dorans KS**, Wilker EH, Li W, Rice MB, Ljungman PL, Schwartz J, Coull BA, Kloog I, Koutrakis P, D'Agostino Sr. RB, Massaro JM, Hoffmann U, O'Donnell CJ, Mittleman MA. Residential proximity to major roads, exposure to fine particulate matter and aortic calcium: the Framingham Heart Study, a cohort study. *BMJ Open*. **7**:e013455 (2017). doi: 10.1136/bmjopen-2016-013455. PMID: 28302634. PMCID: PMC5372069.
29. Steinhaus DA, Mostofsky E, Levitan EB, **Dorans KS**, Håkansson N, Wolk A, Mittleman MA. Chocolate intake and incidence of heart failure: findings from the Cohort of Swedish Men. *The American Heart Journal*. **183**, 18–23 (2017). doi: 10.1016/j.ahj.2016.10.002. PMID: 27979037. PMCID: PMC5172457.
30. Li W, **Dorans KS**, Wilker EH, Rice MB, Schwartz J, Coull BA, Koutrakis P, Gold DR, Fox CS, Mittleman MA. Residential Proximity to Major Roadways, Fine Particulate Matter, and Adiposity: The Framingham Heart Study. *Obesity*. **24**, 2593–2599 (2016). doi: 10.1002/oby.21630. PMID: 27804220. PMCID: PMC5125859.
31. **Dorans KS**, Massa J, Chitnis T, Ascherio A, Munger KL. Physical activity and the incidence of multiple sclerosis. *Neurology*. **87**, 1770–1776 (2016). doi: 10.1212/WNL.0000000000003260. PMID: 27683852. PMCID: PMC5089531.
32. **Dorans KS**, Wilker EH, Li W, Rice MB, Ljungman PL, Schwartz J, Coull BA, Kloog I, Koutrakis P, D'Agostino Sr. RB, Massaro JM, Hoffmann U, O'Donnell CJ, Mittleman MA. Residential proximity to major roads, exposure to fine particulate matter and coronary artery calcium: the Framingham Heart Study. *Arterioscler Thromb Vasc Biol*. **36**, 1679–1685 (2016). doi: 10.1161/ATVBAHA.116.307141. PMID: 27312220. PMCID: PMC4965287.

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33. Li W, Wilker EH, **Dorans KS**, Rice MB, Schwartz J, Coull BA, Koutrakis P, Vasan RS, Gould DR, Keaney Jr. JF, Lin H, Vasan RS, Benjamin EJ, Mittleman MA. Short-term exposure to air pollution and biomarkers of oxidative stress: the Framingham Heart Study. *Journal of the American Heart Association*. **5**. pii: e002742 (2016). doi: 10.1161/JAHA.115.002742. PMID: 27126478. PMCID: PMC4889166
34. **Dorans KS**, Mostofsky E, Levitan EB, Håkansson N, Wolk A, Mittleman MA. Alcohol and incident heart failure among middle-aged and elderly men: Cohort of Swedish Men. *Circulation: Heart Failure*. **8**:422–427 (2015). doi: 10.1161/CIRCHEARTFAILURE.114.001787. PMID: 25872788. PMCID: PMC4511919.
35. Rice MB, Ljungman PL, Wilker EH, **Dorans KS**, Gold DR, Schwartz J, Koutrakis P, Washko GR, O'Connor GT, Mittleman MA. Long-term exposure to traffic emissions and fine particulate matter and lung function decline in the Framingham Heart Study. *American Journal of Respiratory and Critical Care Medicine*. **191**:656–664 (2015). doi: 10.1164/rccm.201410-1875OC. PMID: 25590631. PMCID: PMC4384780.
36. Bohle DS, **Dorans KS**, Fotie J. *trans*-Bis(2-amino-phenyl)diazene. *Acta Crystallographica Section E*. **E63**, o889–o890 (2007), doi: 10.1107/S1600536807002413.

B. PEER REVIEWED NATIONAL REPORTS AND CHAPTERS

1. Ackermann RT, **Dorans KS**, Formagini T, O'Brien MJ. Prevention of Type 2 Diabetes in Adults. In *Diabetes in America*. Lawrence JM, Casagrande SS, Herman WH, et al., editors. Bethesda (MD): National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK); 2023-. *Published 2025*.
2. U.S. Department of Health and Human Services. Smoking Cessation. A Report of the Surgeon General. Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health, 2020. Available: <https://www.hhs.gov/sites/default/files/2020-cessation-sgr-full-report.pdf>. **Contributing author: Health Benefits of Smoking Cessation – Cardiovascular Disease**.

C. PRE-PRINTS

1. Tian L*, Geng S, Li X, Jaeger BC, **Dorans KS**, Chen J, Anderson AH, Whelton PW, Krousel-Wood M, He J, Bundy JD. Sex Differences in Social, Behavioral, and Metabolic Risk Factors for Cardiovascular Disease Mortality among US Adults. medRxiv [Preprint]. 2025 Nov 21:2025.11.20.25340714. doi: 10.1101/2025.11.20.25340714.

MEDIA APPEARANCES

TITLE OF PIECE/DATE/WHICH MEDIA OUTLET

Spring 2025: Mass General Brigham Blog Coverage of collaborations focused on improving cardiometabolic health after pregnancy: <https://mgriblog.org/2025/05/06/extending-the-reach-of-innovation-to-empower-patients-after-hypertensive-pregnancy/>

Spring 2024: NIH CEAL coverage of STRIVE study community partnership: <https://nihceal.org/news/community-centered-approach-improve-maternal-health-louisiana>

Fall 2022: Media coverage of first-author publication: 'Effects of a Low-carbohydrate Dietary Intervention on Hemoglobin A1c: A Randomized Clinical Trial', including:

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- Altmetric Attention Score of 976 as of December 10, 2025
- An estimated 155 news stories from 107 outlets (including both national and international news outlets) - <https://jamanetwork.altmetric.com/details/137702756/news>, including coverage on
 - o CBS News Boston
 - o Daily Mail
 - o Healthline
- Interviewed with:
 - o WWLTV News: <https://www.wwltv.com/article/news/local/skipping-the-sugar-could-sweeter-results-louisiana-doctors/289-5a89e55c-0960-4fa1-9c0e-1a4950c650f2>
 - o Louisiana Radio Network: <https://louisianaradionetwork.com/2022/10/27/new-study-says-low-carb-diets-alone-can-lower-blood-sugar-levels/>
 - o The Advocate: https://www.theadvocate.com/baton_rouge/news/article_119bf250-ebf9-5175-9c37-45b8212d385b.html
 - o Medscape: <https://www.medscape.com/viewarticle/983033>
 - o Cardiovascular Research Foundation

STATISTICS

- a. h-index (all and in last 5 years)
All: 19
Last 5 years: 17
- b. number of citations (all and in last 5 years)
All: 2350
Last 5 years: 1688

SELECTED SCIENCE WRITING SAMPLES (out of a total of 62)

Nature Medicine, Nature Biotechnology

1. **Dorans K.** “Fewer shots proposed to increase uptake of HPV vaccine” *Nat. Med.* **16**, 832–833 (2010), doi: 10.1038/nm0810-832b. Available (subscription): <http://www.nature.com/nm/journal/v16/n8/full/nm0810-832b.html>.
 2. **Dorans K.** “Orphan drug workshops” *Nat. Biotech.* **28**, 389 (2010), doi: 10.1038/nbt0510-389b. Available (subscription): <http://www.nature.com/nbt/journal/v28/n5/full/nbt0510-389b.html>.
 3. **Dorans K.** “Outpacing Cancer” *Nat. Med.* **15**, 718–722 (2009), doi:10.1038/nm0709-718. Available (subscription): <http://www.nature.com/nm/journal/v15/n7/full/nm0709-718.html>.
- ### *Earthzine* (online science magazine)
4. **Dorans K.** “C-MORE Researchers in Hawaii probe marine microbes, train a new cadre of scientists” (*Earthzine*, January 6, 2009). Available (open access): <https://earthzine.org/c-more-researchers-in-hawaii-probe-marine-microbes-train-a-new-cadre-of-scientists-2/>.

The Bulletin (Brookhaven National Laboratory’s weekly newspaper)

5. **Dorans K.** “Programs build mentor and faculty productivity” (August 29, 2008–Special Edition). Available (open access): <https://www.bnl.gov/newsroom/news.php?a=2824>
6. **Dorans K.** “BNL, Dowling, Southern University at New Orleans team fingerprints Pine Barrens’ microbial community” (August 8, 2008). Available (open access): <https://www.bnl.gov/newsroom/news.php?a=1836>.

PRESENTATIONS

- A. INVESTIGATOR INITIATED PRESENTATIONS (only those in which I am listed as first, presenting, or last author or a faculty advisor):
1. Feasibility and Evidence Gaps in Acupuncture for Pregnancy-Related Low Back Pain: Implications for U.S.-Based Trials/November 2026/American Public Health Association Annual Meeting and Expo/San Antonio, TX/Integrative, Complementary and Traditional Health Practices Roundtable Session.
Authors: Li C, Longo S, Li H, Liu T, **Dorans KS**.
 2. Dental Antibiotic Prescribing Trends in Louisiana (2019–2021): A Statewide Analysis for Public Health Stewardship and Policy/November 2026/American Public Health Association Annual Meeting and Expo/San Antonio, TX/Poster Presentation.
Authors: Kontor KB*, Lee G, **Dorans KS**, Mills KT.
***PhD Student Advisee.**
 3. Prevalence of Cardiometabolic Risk Factors in Postpartum WIC Participants Screened for a Lifestyle Intervention Trial/June 2026/American Diabetes Association Scientific Sessions/New Orleans, LA/Poster Presentation.
Authors: Chukwunyere C*, Dorsey K, Anglemire M, Bazzano AN, Bridgeforth C, Dobson TE, He H, Martin C, Redman L, Salles M, Schrauben S, Shi L, Schultheis ME, He J, **Dorans KS**.
***PhD Student Advisee.**
 4. Lessons Learned from a Sustainability Summit on Strategies for Implementing the Diabetes Prevention Program in WIC Clinics/March 2026/NIH Community Engagement Alliance Annual Meeting 2026/Charlotte, NC/Poster Presentation.
Authors: **Dorans KS**, Bridgeforth C, Dandridge E, Elliston D, Lewis L, Schultheis ME, Symonette Mitchell D*, Nicklas J, Villamar JA.
***Student**
 5. The Neighborhood Built Environment and Cardiometabolic Risk Factors in The Bogalusa Heart Study/March 2026/American Heart Association EPI Lifestyle Scientific Sessions/Boston, MA/Poster Presentation.
Authors: Cueto J*, Anderson C, He H, **Dorans KS**, Bazzano L, Gustat J.
***PhD Student Advisee.**
 6. Association of Neighborhood Deprivation and Carotid Intima-Media Thickness in the Bogalusa Heart Study Cohort/June 2025/Society for Epidemiologic Research/Boston, MA.
Authors: Cueto J*, Gill E, De Anda-Duran I, Bazzano L, Kimbrough A, Suglia S, Wallace M, Harville EW, **Dorans, KS. *PhD Student Advisee**
 7. Lessons Learned from a Sustainability Summit on Strategies for Implementing the Diabetes Prevention Program in WIC Clinics/April 2025/National WIC Association Meeting/Las Vegas, NV/Oral Presentation.
Authors: **Dorans KS**, Symonette Mitchell D*, Bridgeforth C, Elliston D, Lewis L, Nicklas J, Villamar JA, Schultheis ME. ***Student**
 8. Comparing in-person vs technology-assisted strategies for implementing a 12-month postpartum Diabetes Prevention Program in Louisiana WIC clinics: An effectiveness-implementation hybrid trial/ December

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2024/Arlington, VA/Conference on the Science of Dissemination and Implementation in Health/Poster Presentation.

Authors: **Dorans KS**, Alvarado F, Bazzano AN, Bridgeforth C, Cueto J*, Dandridge E, Dobson T, Dorsey K, Harville E, Hua H, Marshall A, Martin C, Mills KT, Redman L, O'Brien MJ, Salles MM, Schrauben S, Symonette Mitchell D*, Shi L, Schultheis ME, He J. ***Students**

9. Centering equity for improved engagement in implementation science/December 2024/Arlington, VA/Conference on the Science of Dissemination and Implementation in Health/Poster Presentation.
Authors: Bazzano AN, Utria V*, Skeen S*, Alvarado F, Bridgeforth C, Dandridge E, Dobson T, Martin C, Salles MM, Schultheis ME, He J, **Dorans KS. *Students and contributing equally**
10. Stakeholder Engagement, Barriers, and Facilitators for Implementing a Postpartum Lifestyle Intervention in Louisiana WIC Clinics/June 2024/Baltimore, MD/Academy Health Annual Research Meeting/Oral Presentation (Panel).
Authors: Cueto J*, Schultheis ME, Alvarado F, Bazzano AN, Bridgeforth C, Dandridge E, Dobson T, Harville EW, He H, Kumari B, Marshall A, Martin C, Mills KT, Redman L, O'Brien MJ, Salles M, Schrauben S, Shi L, He J, **Dorans KS. *PhD Student Advisee**
11. Associations of Metabolites with Glycemic Outcomes Among Bogalusa Heart Study and Atherosclerosis Risk in Communities Study Participants/March 2024/American Heart Association EPI Lifestyle Scientific Sessions/Chicago, IL/Moderated Poster Presentation.
Authors: Cueto J*, Kelly TN, He J, Li C, Nierenberg JL, Gu X, Boerwinkle E, Coresh J, Selvin E, Yu B, Bazzano LA, Rebholz C, **Dorans KS.**
***PhD Student Advisee; Selected as Best of AHA Specialty Conferences Invitation to present at Scientific Sessions 2024**
12. Implementation of a Modified Diabetes Prevention Program in WIC Clinics: A Pilot Study/June 2023/American Diabetes Association Meeting/San Diego, CA/Oral Presentation.
Authors: **Dorans KS**, Schultheis ME, Bridgeforth C, Alvarado F, Dandridge E, Dobson T, He J, Martin C, Mills KT, Salles MM, Schoonenberg B, Uwaifo GI, Bazzano AN, Harville E.
13. Strategies for Implementing a Postpartum Lifestyle Intervention in WIC Clinics: A Clinical Trial/May 2023/National WIC Association Meeting/San Diego, CA/Oral Presentation.
Authors: **Dorans KS**, Alvarado F, Bazzano AN, Bridgeforth C, Dandridge E, Dobson T, Harville E, He H, Martin C, Redman L, Shi L, Salles MM, Rout S, Schultheis ME, He J.
14. Mediation of Effects of a Low-carbohydrate Dietary Intervention on Hemoglobin A1c Through Weight: A Randomized Clinical Trial/March 2023/American Heart Association EPI Lifestyle Scientific Sessions/Boston, MA.
Authors: **Dorans KS**, Bazzano LA, Qi L, He H, Chen J, Mills KT, Nguyen BT, O'Brien MJ, Uwaifo GI, He J.
15. A Randomized Trial of Low-Carbohydrate Diet on Hemoglobin A1c among Individuals with Elevated Hemoglobin A1c/June 2022/American Diabetes Association Meeting/New Orleans, LA.
Authors: **Dorans KS**, Bazzano LA, Qi L, He H, Appel, LJ, Samet JM, Chen J, Mills KT, Nguyen BT, O'Brien MJ, Uwaifo GI, He J.
16. A Qualitative Study of Barriers and Facilitators to Implementing a Diabetes Prevention Program in the Setting of WIC Clinics in Louisiana/May 2022/National WIC Association Meeting/New Orleans, LA/Oral Presentation.

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Authors: **Dorans KS**, Kumari B*, Alvarado F, Bridgeforth C, Carter L, Dobson T, He J, Martin C, Mills KT, Schultheis ME, Harville EW, Bazzano AN. ***Student.**

17. Longitudinal Ankle Brachial Index and Risk of Chronic Kidney Disease Progression/November 2021/ASN Kidney Week 2021/Virtual (when in-person, held in US)/PO2359.
Authors: **Dorans KS**, Chen J, Li X, He H, Cohen JB, Go AS, Hama LL, Horowitz E, Jaar BG, Lash JP, Mehta RC, Rosas SE, Srivastava A, Taliercio J, He J.
18. Anxiety in Patients with Chronic Kidney Disease during the COVID-19 Pandemic: Predictors and Consequences Among Chronic Renal Insufficiency Cohort (CRIC) Study Participants/ November 2021/ASN Kidney Week 2021/Virtual (when in-person, held in US)/PO0098.
Authors: **Dorans KS**[#], Wright JA[#], Schaubel DE, Sha D, Rahman M, Feldman HI. [#]Contributed equally.
19. Comparative Effectiveness of Diabetes Prevention Program Implementation Strategies/June 2021/American Diabetes Association Meeting/Virtual (when in-person, held in US)/1097-P.
Authors: **Dorans KS**, Mills KT, Feng Y, Sethi A, Li X, He J.
20. Cardiovascular Risk Profiles Among Women by Gestational Diabetes Status, 2007–2016/June 2020/American Diabetes Association Meeting/Virtual (Originally planned for Chicago, IL)/1601-P.
Authors: **Dorans KS**, Bazzano LA, He J.
21. Untargeted Metabolomics Study of Glycemic Outcomes Among Bogalusa Heart Study Participants/March 2020/American Heart Association EPI Lifestyle Scientific Sessions/Phoenix, AZ/P190.
Authors: **Dorans KS**, He J, Li C, Nierenberg J, Gu X, Bazzano LA, Kelly TN.
22. Change in Ankle Brachial Index and Subsequent Risk of Heart Failure and Atrial Fibrillation in Patients with Chronic Kidney Disease/November 2019/American Heart Association Scientific Sessions/Philadelphia, PA/Abstract 10248.
Authors: **Dorans KS**, Chen J, Anderson AH, Mills KT, Bansal N, Go AS, Jaar BG, Kansal MM, Mehta RC, Rahman M, Rao P, Rincon-Coles H, Rosas SE, Weir M, He J.
23. The Relationship of Change in Ankle Brachial Index with Mortality Among Individuals with Chronic Kidney Disease: Findings from the CRIC Study/November 2019/ASN Kidney Week/Washington DC/TH-PO699.
Authors: **Dorans KS**, He H, Chen J, Dobre M, Go AS, Hamm LL, Jaar BG, Mehta RC, Rahman M, Ricardo AC, Rosas SE, Srivastava A, He J.
24. Trends in prevalence and control of hypertension according to the 2017 ACC/AHA guideline/June 2018/ NIH, NIGMS 7th Biennial National IDeA Symposium of Biomedical Research Excellence (NISBRE)/Washington DC.
Authors: **Dorans KS**, Mills KT, Liu Y, He J.
25. Trends in prevalence and control of hypertension according to the 2017 ACC/AHA guideline/June 2018/Society for Epidemiologic Research/Baltimore, MD.
Authors: **Dorans KS**, Mills KT, Liu Y, He J.
26. Applying quantile regression in the setting of zero-inflated or skewed data/June 2017/Society for Epidemiologic Research/Seattle, WA.
Authors: **Dorans KS**, Li W, Wilker EH, O'Donnell CJ, Schwartz J, Coull BA, Mittleman MA.

Kirsten Dorans: CV

27. Association of traffic-related air pollution and aortic calcium in the Framingham Heart Study/March 2016/American Heart Association EPI Lifestyle Scientific Sessions/Phoenix, AZ.
Authors: **Dorans KS**, Wilker EH, Li W, Rice MB, Ljungman PL, Schwartz J, Coull BA, Kloog I, Koutrakis P, D'Agostino Sr. RB, Massaro JM, Hoffmann U, O'Donnell CJ, Mittleman MA.
28. Association of traffic-related air pollution and coronary artery calcium in the Framingham Heart Study/June 2015/Society for Epidemiologic Research Meeting/Denver, CO. Oral Presentation.
Authors: **Dorans KS**, Wilker EH, Li W, Rice MB, Ljungman PL, Schwartz J, Coull BA, Buring JE, Kloog I, D'Agostino Sr. RB, Massaro JM, Hoffmann U, O'Donnell CJ, Mittleman MA.
29. Physical activity and the incidence of multiple sclerosis/May 2015/Annual Meeting of the Consortium of Multiple Sclerosis Centers/Indianapolis, IN.
Authors: **Dorans KS**, Massa J, Chitnis T, Ascherio A, Munger KL.
30. Alcohol and incident heart failure among the Cohort of Swedish Men/March 2014/American Heart Association EPI|NPAM Scientific Sessions/San Francisco, CA/P033.
Authors: **Dorans KS**, Mostofsky E, Levitan EB, Håkansson N, Wolk A, Mittleman MA.

B. INVITED PRESENTATIONS

1. Strategies for Implementing a Postpartum Lifestyle Intervention in WIC Clinics (STRIVE)/June 2026/CETAC Community Based Organizations (CBOs) Community of Practice (CBO CoP) Webinar/Virtual
2. Improving Cardiometabolic and Maternal Health in Louisiana/April 2026/Tulane Maternal and Child Health Collective General Body Meeting/New Orleans, LA
3. Strategies for Implementing a Postpartum Lifestyle Intervention in WIC Clinics (STRIVE Study)/December 2025/Tulane University Building Interdisciplinary Research Careers in Women's Health (BIRCWH) Seminar/New Orleans, LA
4. Strategies for Implementing a Postpartum Lifestyle Intervention in WIC Clinics (STRIVE Study)/April 2025/Tulane University Center for Health Outcomes, Implementation, Community-Engaged Science (CHOICES) Grand Rounds/New Orleans, LA
5. Strategies for Implementing a Postpartum Lifestyle Intervention in WIC Clinics (STRIVE Study)/April 2025/University of Arizona Department of Epidemiology & Biostatistics Seminar/Virtual
6. How Local Community-Partnered Research is Addressing Black Maternal Health Disparities (Co-Presenter)/April 2025/Tulane University Black Maternal Health Week/New Orleans, LA
7. Strategies for Implementing a Postpartum Lifestyle Intervention in WIC Clinics (STRIVE Study)/April 2025/Tulane University Department of Epidemiology/New Orleans, LA
8. The Maternal Health Community Implementation Program (MH-CIP) and Implementing a Maternal health and PRenancy Outcomes Vision for Everyone Community Implementation Program (IMPROVE-CIP)/Panel Speaker/March 2025/National Institutes of Health CEAL Annual Meeting/Birmingham, AL
9. Lessons Learned from a Sustainability Summit on Strategies for Implementing the Diabetes Prevention Program in WIC Clinics/March 2025/National Institutes of Health CETAC Maternal Health Annual Meeting/New Orleans, LA/Presenter: Kirsten Dorans, Denys Symonette Mitchell*

Kirsten Dorans: CV

*Student

10. Demystifying Dissemination and Implementation (D&I) Science (Sub-presentation Lessons Learned from an Ongoing Hybrid Trial: STRIVE Trial)/December 2024/CCTS Expeditions/Virtual/Presenters: Larry Hearld, Peter Katzmarzyk, Kirsten Dorans.
11. Strategies for Implementing a Postpartum Lifestyle Intervention in WIC Clinics (STRIVE)/September 2024/National Heart, Lung, and Blood Institute: Global Implementation Science Approaches to Improve Maternal Heart, Lung, Blood, and Sleep Health Outcomes Virtual Workshop ([link](#))/Virtual/Presenters: Kirsten Dorans, Mary Schultheis
12. Strategies for Implementing a Postpartum Lifestyle Intervention in WIC Clinics (STRIVE)/May 2023/ Workshop for Tulane Center of Excellence in Maternal Child Health/New Orleans, LA/Presenters: Kirsten Dorans, Mary Schultheis, Erin Dandridge
13. Strategies for Implementing a Postpartum Lifestyle Intervention in WIC Clinics (STRIVE)/April 2023/Louisiana WIC Meeting/Oral Presentation/Lafayette, LA
14. National Academies Gulf Research Program Gulf Scholars Program Meeting/Science-Policy Networking in the Gulf Region (Invited Panel Speaker)/March 2023/New Orleans, LA
15. Strategies for Implementing a Postpartum Lifestyle Intervention in WIC Clinics (STRIVE)/January 2023/ Presentation for National WIC Association Advisory Board Visit to Crescent City Family Services WIC Clinic/Gretna, LA
16. The Effect of a Low-carbohydrate Dietary Pattern on Hemoglobin A1c among Individuals with Elevated Hemoglobin A1c/January 2022/ Tulane University: Department of Epidemiology Seminar/New Orleans, LA
17. Maternal Health Diabetes Prevention Project: Implementation of the Diabetes Prevention Program in the Setting of WIC Clinics/October 2021/Presentation for Jefferson Parish Community Action Network (through Healthy Start)/Virtual
18. National Academies Gulf Research Program Science Policy Fellows Monthly Meeting: What Next? - Post Fellowship (Panel Speaker)/July 2020/Virtual
19. Trends in Prevalence and Control of Hypertension According to the 2017 ACC/AHA Guideline/March 2018/ Tulane University: Department of Epidemiology Seminar/New Orleans, LA
20. Ambient Air Pollution and Atherosclerosis: The Framingham Heart Study/September 2017/ Tulane University: Department of Epidemiology Seminar/New Orleans, LA
21. The Air We Breathe: Air Pollution and Cardiovascular Disease/January 2017/ Southeastern Louisiana University: Department of Chemistry and Physics Seminar/Hammond, LA
22. Traffic-related Air Pollution and Atherosclerosis in the Framingham Heart Study/February 2016/ Brigham and Women's Hospital: Division of Preventive Medicine Seminar/Brookline, MA

GRANTS AND CONTRACTS

A. ACTIVE GRANTS/CONTRACTS

Role: Co-I
Project: CTSA UM1 at the University of Alabama at Birmingham
Period of Support: 09/01/2025-04/30/2031
Percent Effort: 10%
Principle Investigator: Orlando Gutiérrez and Patrice Delafontaine
Funding Source: NIH, NCATS
Total Costs: Total Subaward Amount to Tulane: \$3,085,215
Objectives: With Drs. Larry Hearld and Jing Li from UAB and Dr. Abigail Gamble from UMMC, I serve as a co-lead of the Consultation Unit of the CCTS Dissemination & Implementation (D&I) Science Section. In this role, I support the team with planning and implementation of a system for receiving and tracking consultation requests and with evaluating key Consultation Unit metrics.

Role: Co-Investigator, Assistant Director of Administrative Core
Project: Tulane COBRE for Clinical and Translational Research in Cardiometabolic Diseases
Period of Support: 11/1/2024-06/30/2027
Funding Source: National Institute of General Medical Sciences (NIGMS, P20GM109036)
Principle Investigator: Katherine T. Mills, PhD, MSPH
Total Costs: \$11,655,431
Percent Effort: 10%
Objectives: The overall objective of this COBRE Phase 2 application is to further develop and strengthen the clinical and translational research infrastructure at Tulane University and to continuously expand and support a critical mass of investigators with expertise in clinical and translational research in cardiometabolic diseases. The specific aims of this COBRE Phase 2 application are: 1) to enhance and sustain a university-wide thematic multidisciplinary Center for clinical and translational research on cardiometabolic diseases that motivates and facilitates interdisciplinary collaboration among basic, clinical, and population scientists; 2) to develop and nurture the next generation of investigators in clinical and translational science focused on cardiometabolic diseases; 3) to achieve the aims of the innovative Research Projects proposed by our four research project leaders.

Role: Awardee
Project: Eisenberg Award
Period of Support: 08/2024–
Funding Source: Paul and Patti Eisenberg, through Tulane University Celia Scott Weatherhead School of Public Health and Tropical Medicine
Costs: \$50,000
Objectives: With the Eisenberg award, I am conducting formative work to further explore potential opportunities to study implementation of interventions for improving cardiometabolic and maternal health in the South. This leverages my ongoing work and partnerships I have built with maternal health stakeholders in Louisiana and nationally. This funding will allow me to gather preliminary information that can be used to apply for future funding, such as large-scale work testing implementation of interventions aimed at preventing and mitigating effects of hypertension in pregnancy.

Kirsten Dorans: CV

Role: PI (Contact PI Dorans; MPIs Jiang He and Mary Schultheis)
Project: A Cluster Randomized Trial Implementing the Diabetes Prevention Program in WIC Clinics in Louisiana
Period of Support: 10/2022-9/2027
Funding Source: NIH OT2HL158287, Subcontract Westat (6793-01-RC001)
Total Costs: \$9,931,262
Percent Effort: 45%
Objectives: In the Phase II Maternal Health Community Implementation Project, we are conducting a cluster randomized trial to compare an adapted implementation strategy of 12 in-person Diabetes Prevention Program (DPP) intervention sessions supplemented with technology support to a standard strategy of 24 in-person sessions over 12 months delivered by health coaches on uptake, effectiveness, and sustainability among postpartum women with obesity or a history of gestational diabetes mellitus. The proposed study will generate evidence on implementation strategies of different intensity for implementing an evidence-based intervention in WIC clinics at reducing cardiometabolic risk among women using WIC services.

Role: Co-I
Project: Southern Center for Maternal Health
Period of Support: 09/01/2023-08/31/2030
Funding Source: National Institutes of Health U54HD113159
Principle Investigators: Emily Harville, PhD (Contact PI), MPIs: Joseph Biggio, MD, Susan Perez, PhD, MPH
Total Costs: \$16,496,401
Percent Effort: 10%
Objectives: This project will provide a strong paradigm for implementing multilevel programs to prevent maternal complications and improve access to care for Black birthing people, pregnancies in the Gulf South, and those living in maternity care deserts, consistent with the IMPROVE initiative's goal of reducing preventable causes of maternal deaths and improving health for women before, during, and after delivery.

B. COMPLETED GRANTS/CONTRACTS

Role: Co-I (PI: Harville)
Project: M-O-M-S on the Bayou: Implementation of an intervention for mental health in pregnancy
Period of Support: 07/01/2022-11/30/2025 (NCE)
Funding Source: National Academies of Sciences, Engineering, and Medicine 2000013441
Principle Investigator: Emily Harville, PhD
Total Costs: \$282,891
Percent Effort: 5%
Objectives: Experiencing natural disaster during pregnancy is associated with long-term mental and physical effects on mother and child, but few interventions address this population or circumstance. We will 1) Conduct formative community-informed needs assessment interviews with pregnant and postpartum women, prenatal care providers, disaster planners, and other service providers; 2) Assess the implementation outcomes (acceptability, adaptation, adoption, feasibility, fidelity, and sustainability) of the Mentors Offering Maternal Support (M-O-M-S) intervention in a region affected by Hurricane Ida. This project will help develop an evidence-based toolkit for mitigating effects of disaster.

Kirsten Dorans: CV

Role: Project Principal Investigator/Research Project Leader
Title: Tulane COBRE for Clinical and Translational Research in Cardiometabolic Diseases
Period of Support: 1/2018–2/2023
Funding Source: National Institute of General Medical Sciences (NIGMS, 1P20GM109036-01A1)
Project: Low-Carbohydrate Dietary Pattern on Glycemic Outcomes Trial
Principle Investigator: Jiang He, MD, PhD
Percent Effort: 20-50%
Total Costs: For project on which project lead: \$1,146,589; for full grant: \$11,395,500
Objectives: The overall objective of this Center for Biomedical Research Excellence (COBRE) is to increase the quality and quantity of clinical, translational and implementation research in cardiometabolic diseases at Tulane University. Goals of the COBRE include developing and nurturing successful competitive independent investigators in clinical, translational and implementation research; motivating and facilitating multidisciplinary and interdisciplinary interaction and collaboration; and building and expanding the clinical and community-based research infrastructure at Tulane and in Louisiana. As a junior faculty investigator, I led a randomized controlled trial evaluating the effect of a low-carbohydrate dietary intervention in individuals with or at high risk of type 2 diabetes.

Role: PI (Contact PI Dorans; MPI Emily Harville)
Project: Strategies for Implementing a Diabetes Prevention Program for Low-Income Women with Recent Gestational Diabetes Mellitus
Period of Support: 8/2021-9/2022
Funding Source: NIH OT2HL158287, Subcontract Westat (6793-01-RC001)
Percent Effort: 25%
Total Costs: \$449,466
Objectives: In this planning Phase I Maternal Health Community Implementation Project, we studied community-based implementation of a Diabetes Prevention Program (DPP)-like intervention to women with recent gestational diabetes mellitus who live in the New Orleans, Louisiana region and use in Women, Infants, and Children (WIC) services.

Role: PI
Project: Low-Carbohydrate Dietary Pattern on Glycemic Outcomes Trial
Period of Support: 5/2019–6/2020
Total Costs: \$10,000
Funding Source: Tulane University Carol Lavin Bernick Faculty Grant
Objectives: There is much interest in dietary approaches to prevent and treat type 2 diabetes. Funds from supported a clinical trial investigating the effect of a behavioral intervention promoting a low-carbohydrate dietary pattern on change in a marker of blood sugar among individuals with or at high risk of type 2 diabetes. Findings may provide evidence about the role of carbohydrate restriction in people with or at high risk of type 2 diabetes.

Role: Pre-Doctoral Trainee 9/2011–7/2016
Project: Training Program in the Epidemiology of CVD
Period of Support: 7/1987–6/2020
Principle Investigators: Paul M. Ridker, MD, MPH and Julie E. Buring, ScD
Funding Source: NHLBI
Objectives: Cardiovascular disease (CVD) remains the leading cause of death and disability both in the US and world-wide. The overarching goal of this training program is to prepare the next generation of MD and PhD scientists whose careers as independent investigators will focus on improving our understanding of the causes, treatment strategies and prevention of CVD.

SERVICE

PROFESSIONAL MEMBERSHIPS AND OFFICES

2013-Present American Heart Association
2018-Present American Diabetes Association
2019-Present Delta Omega Society, Eta Chapter

UNIVERSITY COMMITTEES/ADVISORY BOARDS

UNIVERSITY SERVICE

Tulane University

2026–Present Director, Tulane University Office of Health Research
2025–2026 Co-Lead of Training Program Core, SCMHE (Southern Center for Maternal Health)
2024–Present Assistant Director, Administrative Core, Tulane COBRE
2024–Present Louisiana CEAL 5.0 Advisory Committee
2022–2023 Delta Omega Tulane Chapter Immediate Past President
2021–2022 eClinical Platform Request for Proposal Team
2021–2022 Delta Omega Tulane Chapter President
2020–2021 Delta Omega Tulane Chapter Vice President
2019–2020 Delta Omega Tulane Chapter Secretary

SCHOOL SERVICE

Tulane University School of Public Health and Tropical Medicine

2026– School of Public Health and Tropical Medicine Research Advisory Council (RAC)
2020–2021 Senior Associate Dean Search Committee Member
2019 Dean's Service and Leadership Award Committee
2019, 2021 Delta Omega Poster Contest Judge
2018–2019 Alternate Member-at-Large Grievance Committee
2018–2019 Communications Task Force

DEPARTMENTAL SERVICE

Tulane University School of Public Health and Tropical Medicine Department of Epidemiology

2024–Present Department Vice Chair
2024–Present Program Director, PhD in Clinical Investigation
2024–Present Program Director, MS in Clinical Investigation
2022 Chair, Organizing Committee for the Dr. Paul K. Whelton 75th Birthday Symposium Poster Sessions
2018–2024 Translational Sciences Research Progress Meeting

Harvard T.H. Chan School of Public Health Department of Epidemiology

2014–2016 Student Epidemiologic Methods Forum Treasurer
2014–2016 John Graunt Doctoral Student Society Co-organizer
2012, 2013 Epidemiology Student 'Buddy' Mentor

OTHER SERVICE

Journal and Other Peer Review Activities

Journals

American Journal of Epidemiology
Annals of Internal Medicine
Annals of the American Thoracic Society
BMJ Open
Circulation
Contemporary Clinical Trials Communications
Diabetes Care
Diabetologia
Hypertension
Frontiers in Cardiovascular Medicine
Implementation Science Communications
International Journal of Hygiene and Environmental Health
Journal of Diabetes and Its Complications
Obesity
Preventing Chronic Disease
npj Digital Medicine
International Journal of Cardiology Cardiovascular Risk and Prevention

Conferences

Society for Epidemiologic Research Conference

Funding Agencies Reviewer

- 2025 George M. O'Brien Kidney Resource Alliance (OKRA) Opportunity Pool Program – Reviewer. OKRA is a consortium comprised of seven National Resource Centers (NRCs) funded by the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). The primary purpose is to provide kidney researchers with specialized resources, tools, technologies, services, and expertise beyond those typically available in an individual lab or institutional core.
- 2025 Health Research Council of New Zealand - External Peer Reviewer
- 2022 National Institutes of Health Study Section; Center for Scientific Review Special Emphasis Panel ZRG1 HSS – G (50); PAR-22-132:St Implementation Research to Reduce Noncommunicable Disease Burden in Low- And Middle-Income Countries and Tribal Nations During Critical Life Stages and Key Transition Periods
- 2020 National Academies of Sciences, Engineering and Medicine Gulf Research Program Early Career Research Fellowship
- 2018 National Academies of Sciences, Engineering and Medicine Gulf Research Program Science Policy Fellowship
- 2017 National Oceanic and Atmospheric Administration Coastal Resilience Grants Program

Conference Organization/Planning

- 2023 Moderator, AHA Epi/Lifestyle Conference, William B Kannel, MD Memorial Lectureship in Preventive Cardiology and Oral Abstract Session

Cross-University Collaborations

- 2025 – Present Invited Member of the Nutrition Obesity Research Center, Pennington Biomedical Research Center

Kirsten Dorans: CV

- 2025 – Present Invited Member of the Chicago Center for Diabetes Translation Research (Partnership between the University of Chicago and Northwestern University focused on driving policies and practices to improve health relating to diabetes)
- 2024 – Present Invited Member of the University of Alabama at Birmingham Center for Clinical and Translational Science Dissemination and Implementation (D&I) Science Council (Advise on the strategic direction and ensure all units (administration, consultation, events, training, and scholarship) align with the overarching vision, mission, and goals of the CCTS Section for D&I Science)

Community Partnership Service

Working Group or Taskforce Member

- 2022 – Present March of Dimes Maternal Health Collective Impact Taskforce – New Orleans Steering Committee and Access to Care Subcommittee
- 2022 – Present New Orleans Community Health Improvement Plan (CHIP) Chronic Disease Prevention and Management Working Group and Maternal and Child Health Working Group

Collaborative or Coalition Membership

- 2021 – Present Member of Louisiana Obesity and Diabetes Collaborative
- 2021 – Present Member of New Orleans Maternal Child Health Coalition

TEACHING AND MENTORSHIP

INSTRUCTOR

- Epidemiology for Public Health (SPHL 6060, 3 credits), Spring 2019, 30 students, Course Director
- Epidemiology for Public Health (SPHL 6060, 3 credits), Spring 2020, 25 students, Course Director
- Epidemiology for Public Health (SPHL 6060, 3 credits), Fall 2020, 65 students, Course Director
- Clinical Trials, Design, Conduct and Interpretation (EPID 7170, 3 credits), Spring 2021, 22 students, Co-Course Director
- Epidemiology for Public Health (SPHL 6060, 3 credits), Summer 2021, 59 students, Course Director
- Epidemiology for Public Health (SPHL 6060, 3 credits), Spring 2022, 44 students, Course Director
- Clinical Trials, Design, Conduct and Interpretation (EPID 7170, 3 credits), Spring 2022, 18 students, Co-Course Director
- Epidemiology for Public Health (SPHL 6060, 3 credits), Summer 2022, 30 students, Course Director
- Public Health Grant Writing (SPHU 7500, 3 credits), Fall 2022, 22 students, Co-Course Director
- Clinical Trials, Design, Conduct and Interpretation (EPID 7170, 3 credits), Spring 2023, 18 students, Co-Course Director

Kirsten Dorans: CV

Epidemiology for Public Health (SPHL 6060, 3 credits), Summer 2023, 31 students, Course Director

Public Health Grant Writing (SPHU 7500, 3 credits), Fall 2023, 13 students, Co-Course Director

Design of Clinical Trials (Independent Study, 3 credits), Spring 2024, 2 students, Course Director

Clinical and Translational Research Methods (EPID 6340, 3 credits), Fall 2024, 17 students, Course Director

Clinical Trials, Design, Conduct and Interpretation (EPID 7170, 3 credits), Spring 2025, 17 students, Course Director

Clinical and Translational Research Methods (EPID 6340, 3 credits), Fall 2025, 6 students, Course Director

Clinical Trials, Design, Conduct and Interpretation (EPID 7170, 3 credits), Spring 2026, 12 students, Course Director

GUEST LECTURES/SEMINARS

Foundations of Epidemiology (SPHU 3170)

Title: "Epidemiology of Diabetes and Strategies for Diabetes Prevention" (Fall 2018, Spring 2019, Spring 2021, Fall 2021)

Social Epidemiology: Mechanisms of Disparities (EPID 6600)

Title: "Health Disparities in Diabetes" (Spring 2021)

Nutritional Epidemiology (EPID 6500)

Title: "Dietary Interventions" (Fall 2018, Fall 2019, Fall 2020, Spring 2022, Spring 2023, Spring 2024, Spring 2025, Spring 2026)

Advanced Epidemiologic Methods (EPID 8300)

Title: "Causal Inference and Study Design" (Fall 2018, Spring 2020, Spring 2021, Spring 2022)

Title: "Epidemiology Research Strategies: Observational and Interventional Studies" (Spring 2023, Spring 2026)

Cardiovascular Disease Epidemiology (EPID 6220)

Title: "Diet, Nutrition and Cardiovascular Disease" (Spring 2019)

Title: "Prevention and Treatment of Diabetes" (Spring 2024, Spring 2025, Spring 2026)

Implementation Science in Health (EPID 6350)

Title "Maternal Health Diabetes Prevention Project: Implementation of the Diabetes Prevention Program in the Setting of WIC Clinics" (Fall 2022, Fall 2023)

MCH: Life Course Perspective (SBPS 7510)

Title: "STRIVE Study: Implementation of the Diabetes Prevention Program in the Setting of WIC Clinics" (Spring 2025)

MASTERS COMMITTEES (THESES)

Ruisi Zhang, Fall 2019, Member (Reader)

Title: "The Association between CORIN Gene Variants and Blood Pressure and Stroke within African American and European Population"

Kirsten Dorans: CV

Sarah Cruthirds, Fall 2021, Member (Reader)

Title “Association Between State-level Structural Racism Indicators and Food Insecurity Among Non-Hispanic White and Black Households in the United States”

Ming-Hui Hsieh, Spring 2022, Advisor/Chair

Title “The Effect of a Low-carbohydrate Dietary Pattern on Continuous Glucose Monitor Outcomes”

Farnaaz A. Sheikh, Fall 2022, Chair

Title “Systematic Review of Diabetes Prevention Program Implementation Strategies”

Dagmawi Demessie, Spring 2025, Advisor/Chair

Title “Longitudinal Change in Ankle Brachial Index and Subsequent Risk of Heart Failure in Patients with Chronic Kidney Disease: the CRIC Study”

DOCTORAL COMMITTEES

Ling Tian, Committee Member, 2022-2024; Dissertation Chair, 2024

Title “Sex differences in risk factors for cardiovascular disease”

Qiaochu Xue, Committee Member, 2022-2023

Title “Genetically proxied, microRNAs regulated circadian rhythm and cardiometabolic risk in people living with overweight and obesity”

Jenilee Cueto, Co-Chair, 2023-Present (Dissertation Defense Planned Spring 2026)

Title: Associations of rural built environment with aging in mid-life

Minghao Kou, Committee Member, 2024-Present

Title “Multi-dimensional aging signatures and health”

Kiara Cruz, Committee Member, 2025-Present (Prospectus Defense Passed Summary 2025)

Title: Reclaiming Care: Exploring the Role of Community Birth Workers in Identifying and Supporting Survivors of Intimate Partner Violence During the Perinatal Period

Samantha O’Connell, Committee Member, 2025-Present (Prospectus Defense Passed Fall 2025)

Title: Alzheimer’s Disease and Related Dementias (ADRD) Risk Factors, Biomarkers, and Potential Interventions in Understudied Hypertension Patients with High Multimorbidity

STUDENTS ADVISED

YEAR	NUMBER ADVISED	
2018-2019	1	(Kaitlyn Hernandez – MPH student)
2019-2020	3	(Abimisola Anibaba, Bridget Dixon, Ashna Sethi – MPH students)
2020-2021	4	(Abimisola Anibaba, Bridget Dixon, Ming-Hui Hsieh, Ashna Sethi – MPH students)
2021-2022	2	(Abimisola Anibaba – MPH student, Ming-Hui Hsieh – MS student)
2022-2023	2	(Caitlyn Cuillier – MPH student, Jenilee Cueto – PhD Student)
2023-2024	5	(Caitlyn Cuillier, Shriya Dev, Ally Vastano; Jenilee Cueto– PhD Student and Ling Tian – PhD Student)
2024-2025	7	(Chenxing Chu, Caitlyn Cuillier, Shriya Dev, Komal Mehta, Ally Vastano– MPH students; Dagmawi Demessie – MSCI student; Jenilee Cueto – PhD Student)

Kirsten Dorans: CV

2025-2026	6	(Shriya Dev, Komal Mehta, Logan Smith– MPH students; Jenilee Cueto and Chibuike Chukwunyere – PhD Students)
2026-2027	5	(Amanuel Adugna, Logan Smith, Natania Greene – MPH students; Ava Mangeot – MSCI student; Chibuike Chukwunyere – PhD Student)

PROFESSIONAL DEVELOPMENT ACTIVITIES ATTENDED

August 2026-April 2027	Tulane University Intercultural Leadership Program
January-March 2026	NCFDD Faculty Success Program
September 2021	Tulane University Office of Inclusion and Equity - Equity, Diversity, & Inclusion Trainings: Microaggressions in the Workplace; Workplace Diversity, Inclusion & Sensitivity; Unconscious Bias
November 2020	Global Alliance for Chronic Diseases Implementation Science School
July 2020	Tulane University Center for Engaged Learning & Teaching Online Teaching Training
July 2018	National Institute of Minority Health and Health Disparities Health Disparities Research Institute
July 2017	National Center for Ecological Analysis and Synthesis: Open Science for Synthesis Gulf Research Program Training