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EDUCATION

1992	Ph.D., University of Minnesota-Twin Cities	Major: Epidemiology
1984	M.S., University of Minnesota-Twin Cities	Major: Human Nutrition; Minor: Physiology
1980	B.S., Colorado State University-Fort Collins	Major: Food Science and Nutrition

PROFESSIONAL EXPERIENCE

Academic Appointments

2005-present	Professor Department of Epidemiology, University of North Carolina, Chapel Hill, NC
2005-present	Adjunct Professor Department of Emergency Medicine, University of North Carolina at Chapel Hill, NC
1999-2005	Associate Professor Department of Epidemiology, University of North Carolina, Chapel Hill, NC
1996-2005	Adjunct Assistant Professor Department of Emergency Medicine, University of North Carolina at Chapel Hill, NC
1992-1999	Assistant Professor Department of Epidemiology, University of North Carolina at Chapel Hill, NC

Other Academic Positions

2014	Visiting Scholar , Cardiovascular Epidemiology Unit, Department of Public Health and Primary Care, University of Cambridge, Cambridge, England
1991	NIH Exchange Scientist , WHO-MONICA Coronary Event Register: Augsburg and GSF-Institute for Epidemiology, Munich, Germany; WHO-MONICA datacenter, Dundee, Scotland

Program Director

2019-present	Director , Master of Science in Clinical Research (MSCR) degree program, Department of Epidemiology
2013-present	Director , Institutional NRSA-NIH T-32 Cardiovascular Epidemiology Training Program
1997-2012	Co-Director , Institutional NRSA-NIH T-32 Cardiovascular Epidemiology Training Program

Teaching Positions - Lead Instructor

2016-present	Introduction to Cardiovascular Epidemiology (EPID 735)
2014-present	Epidemiology of Stroke (EPID 738B)
2012-present	Methods and Applications of Cardiovascular Disease Surveillance (EPID 738A)

1994-2019	Introduction to Epidemiologic, Summer Institute of Epidemiology, University of Ulm, Germany
1999-2011	Advanced CVD Epidemiology (EPID 737)
2001-2005	Introduction to Epidemiology Methods (EPID 710)
2000, 2001	Cardiovascular Disease Epidemiology, Summer Institute, University of Michigan

Teaching Positions – Co-Instructor

2012-2013	Special Topics in Cardiovascular Disease Research (EPID 889.2)
2011-2016	Introduction to Epidemiologic Methods (EPID 710)
2007-2015	Introduction to Cardiovascular Epidemiology (EPID 735)
1992-2000	Introduction to Epidemiologic Methods (EPID 710)

Teaching Positions- Guest Lecturer

2017-present	Molecular and Cellular Biology of Cardiovascular Diseases (PATH 767)
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HONORS and COLLEGIATE STUDENT ATHELETICS

1992	Finalist , Jeremiah Stamler Research Award for New Investigators, American Heart Association
1976	Member , Colorado State University, Varsity Football team
1976-1980	Member , Colorado State University, Varsity Track and Field team

PUBLICATIONS

Book Chapters

1. **Rosamond W.**, Couper D. (2020). Ascertainment and Classification of Outcomes. In: Piantadosi S., Meinert C. (eds) Principles and Practice of Clinical Trials. Springer, Cham. 12 pages
2. Morgenstern L, **Rosamond W**, Alberts M, Bartholomew L, Callahan A, Eckstein M, Kasner S, Luepker R, Rapp K. (2003). Increasing Public Recognition and Rapid Response to Stroke. In: Improving the Chain of Recovery from Acute Stroke in Your Community. National Institute for Neurological Disorders and Stroke. NIH. Bethesda. p. 1-9.
3. **Rosamond W.** (2001). Evaluation of the WISEWOMAN project. In: Integrating cardiovascular disease prevention into existing health services: Experience of the North Carolina WISEWOMAN program. Editors: W Rosamond, A Ammerman, J Will and C Vicadro. Center for Health Promotion and Disease Prevention, Chapel Hill, p. 75-86.
4. **Rosamond W**, Morris D, Evenson K, Schroeder E, Brice J. (2000). Dispatching emergency medical services for stroke symptoms: preliminary report. In: Unexplained Stroke Disparity Report and Recommendations from Three Southeastern States. Editors: S Huston, E Lengerich, S Pratap, E Pucket. North Carolina State Health Department Press., p. 82-85.

Published Journal Articles (n=370, citations > 70,000, h-index = 91) * indicates first author is a mentored student

1. *Wong E, **Rosamond W**, Patel MD, Waller AE. Statewide declines in myocardial infarction and stroke emergency department visits during COVID-19 restrictions in North Carolina. Am J Emerg Med. 2021 Jul 22:S0735-6757(21)00590-8. PMID: 34417069; PMCID: PMC8295045.
2. Zègre-Hemsey JK, Hogg M, Crandell J, Pelter MM, Gettes L, Chung EH, Pearson D, Tochiki P, Studnek JR, **Rosamond W**. Prehospital ECG with ST-depression and T-wave inversion are associated with new onset heart failure in

- individuals transported by ambulance for suspected acute coronary syndrome. J Electrocardiol. 2021. PMID: 34456036.
3. Wright JD, Folsom AR, Coresh J, Sharrett AR, Couper D, Wagenknecht LE, Mosley TH Jr, Ballantyne CM, Boerwinkle EA, **Rosamond WD**, Heiss G. The ARIC (Atherosclerosis Risk In Communities) Study. J Am Coll Cardiol. 2021 Jun 15;77(23):2939-2959. PMID: 34112321.
 4. Johnson AM, Cunningham CJ, Zégre-Hemsey JK, Grewe ME, DeBarmore BM, Wong E, Omofoye F, **Rosamond WD**. Out-of-Hospital Cardiac Arrest Bystander Defibrillator Search Time and Experience With and Without Directional Assistance: A Randomized Simulation Trial in a Community Setting. Simul Healthc. 2021, PMID: 34081062.
 5. Mok Y, Ballew SH, Stacey RB, Rossi J, Koton S, Kucharska-Newton A, Chang PP, Coresh J, **Rosamond W**, Matsushita K. Albuminuria and Prognosis Among Individuals with Atherosclerotic Cardiovascular Disease: The ARIC Study. J Am Coll Cardiol. 2021;78(1):87-89. PMID: 34210419
 6. Breen KM, Finnegan L, Vuckovic KM, Fink AM, **Rosamond W**, DeVon HA. Multimorbidity phenotypes in patients presenting to the emergency department with possible acute coronary syndrome. Heart Lung. 2021; 4;50(5):648-653. PMID: 34098234.
 7. Goff DC Jr, Khan SS, Lloyd-Jones D, Arnett DK, Carnethon MR, Labarthe DR, Loop MS, Luepker RV, McConnell MV, Mensah GA, Mujahid MS, O'Flaherty ME, Prabhakaran D, Roger V, **Rosamond WD**, Sidney S, Wei GS, Wright JS. Bending the Curve in Cardiovascular Disease Mortality: Bethesda + 40 and Beyond. Circulation. 2021;143(8):837-851. Epub 2021 Feb 22. PMID: 33617315; PMCID: PMC7905830.
 8. Mediano MFF, Mok Y, Coresh J, Kucharska-Newton A, Palta P, Lakshminarayan K, **Rosamond WD**, Matsushita K, Koton S. Prestroke Physical Activity and Adverse Health Outcomes After Stroke in the Atherosclerosis Risk in Communities Study. Stroke. 2021 Mar 31:PMID: 33784831.
 9. Sen S, Redd K, Trivedi T, Moss K, Alonso A, Soliman EZ, Magnani JW, Chen LY, Gottesman RF, **Rosamond W**, Beck J, Offenbacher S. Periodontal Disease, Atrial Fibrillation and Stroke. Am Heart J. 2021 Jan 24;235:36-43. PMID: 33503409.
 10. Arora S, Sivaraj K, Hendrickson M, Chang PP, Weickert T, Qamar A, Vaduganathan M, Caughey MC, Pandey A, Cavender MA, **Rosamond W**, Vavalle JP. Prevalence and prognostic significance of mitral regurgitation in acute decompensated heart failure: The ARIC Study. JACC Heart Fail. 2020 Dec 2:S2213-1779. PMID: 33309575.
 11. Caughey MC, Vaduganathan M, Arora S, Qamar A, Mentz RJ, Chang PP, Yancy CW, Russell SD, Shah SJ, **Rosamond WD**, Pandey A. Racial Differences and Temporal Obesity Trends in Heart Failure with Preserved Ejection Fraction. J Am Geriatr Soc. 2021 Jan 5. PMID: 33401338.
 12. Pastva AM, Coyle PC, Coleman SW, Radman MD, Taylor KM, Jones SB, Bushnell CD, **Rosamond WD**, Johnson AM, Duncan PW, Freburger JK. Movement matters, and so does context: Lessons learned from multisite implementation of the movement matters activity program for Stroke in the Comprehensive Post-acute Stroke Services Study. Arch Phys Med Rehabil. 2020 Oct 22. PMID: 33263286.
 13. Suzuki T, Wang W, Wilsdon A, Butler KR, Adabag S, Griswold ME, Nambi V, **Rosamond W**, Sotoodehnia N, Mosley TH. Carotid intima-media thickness and the risk of sudden cardiac death: The ARIC Study and the CHS. J Am Heart Assoc. 2020 Sep 25. PMID: 32975158.
 14. Zégre-Hemsey JK, Grewe ME, Johnson AM, Arnold E, Cunningham CJ, Bogle BM, **Rosamond WD**. Delivery of Automated External Defibrillators via Drones in Simulated Cardiac Arrest: Users' Experiences and the Human-Drone Interaction. Resuscitation. 2020 Dec;157:83-88.PMID: 33080371; PMCID: PMC7769863.

15. French SA, Lutsey PL, **Rosamond W**, MacLehose RF, Cushman M, Folsom AR. Weight change over 9 years and subsequent risk of venous thromboembolism in the ARIC cohort. *Int J Obes (Lond)*. 2020. 44(12):2465-2471. PMID: 32948842.
16. **Rosamond WD**, Johnson A, Bogle B, Arnold W, Christopher Cunningham, Picinich M, Williams V, Zegre-Hemsey J. Drone delivery of an automated external defibrillator. *N Engl J Med*. 2020 Sep 17;383(12):1186-1188. PMID: 32937053. PMCID: PMC7523534
17. Breen K, Finnegan L, Vuckovic K, Fink A, **Rosamond W**, DeVon HA. Multimorbidity in Patients with Acute Coronary Syndrome Is Associated with Greater Mortality, Higher Readmission Rates, and Increased Length of Stay: A Systematic Review. *J Cardiovasc Nurs*. 2020;10.1097. PMID: 32925234
18. Sharma K, Mok Y, Kwak L, Agarwal SK, Chang PP, Deswal A, Shah AM, Kitzman DW, Wruck LM, Loehr LR, Heiss G, Coresh J, **Rosamond WD**, Solomon SD, Matsushita K, Russell SD. Predictors of Mortality by Sex and Race in Heart Failure with Preserved Ejection Fraction: ARIC Community Surveillance Study [published online ahead of print, 2020 Sep 14]. *J Am Heart Assoc*. 2020. PMID: 32924735
19. Engeda JC, Lhachimi SK, **Rosamond WD**, Lund JL, Keyserling TC, Safford MM, Colantonio LD, Muntner P, Avery CL.. Projections of incident atherosclerotic cardiovascular disease and incident type 2 diabetes across evolving statin treatment guidelines and recommendations: A modelling study. *PLoS Med*. 2020;17(8). PMID: 32845900. PMCID: PMC7449387
20. Mok Y, Ballew SH, Stacey RB, Rossi J, Koton S, Kucharska-Newton AM, Chang PP, Coresh J, **Rosamond W**, Matsushita K. Prognostic Variation Among Very High-Risk and High-Risk Individuals with Atherosclerotic Cardiovascular Disease. *J Am Coll Cardiol*. 2020;76(3):346-348. PMID: 32674797
21. Pandey A, Vaduganathan M, Arora S, Qamar A, Mentz RJ, Shah SJ, Chang PP, Russell SD, **Rosamond WD**, Caughey MC. Temporal Trends in Prevalence and Prognostic Implications of Comorbidities Among Patients with Acute Decompensated Heart Failure: The ARIC Study Community Surveillance. *Circulation*. 2020;142(3):230-243. PMID: 32486833
22. Duncan PW, Bushnell CD, Jones SB, Psioda MA, Gesell SB, D'Agostino RB Jr, Sissine ME, Coleman SW, Johnson AM, Barton-Percival BF, Prvu-Bettger J, Calhoun AG, Cummings DM, Freburger JK, Halladay JR, Kucharska-Newton AM, Lundy-Lamm G, Lutz BJ, Mettam LH, Pastva AM, Xenakis JG, Ambrosius WT, Radman MD, Vetter B, **Rosamond WD**. Randomized Pragmatic Trial of Stroke Transitional Care: The COMPASS Study. *Circ Cardiovasc Qual Outcomes*. 2020;13(6):e006285. PMID: 32475159
23. Lutz BJ, Reimold AE, Coleman SW, Guzik AK, Russell LP, Radman MD, Johnson AM, Duncan PW, Bushnell CD, **Rosamond WD**, Gesell SB. Implementation of a Transitional Care Model for Stroke: Perspectives From Frontline Clinicians, Administrators, and COMPASS-TC Implementation Staff. *Gerontologist*. 2020; 60(6):1071-1084. PMID: 32275060
24. Virani SS, Alonso A, Benjamin EJ, Bittencourt MS, Callaway CW, Carson AP, Chamberlain AM, Chang AR, Cheng S, Delling FN, Djousse L, Elkind MSV, Ferguson JF, Fornage M, Khan SS, Kissela BM, Knutson KL, Kwan TW, Lackland DT, Lewis TT, Lichtman JH, Longenecker CT, Loop MS, Lutsey PL, Martin SS, Matsushita K, Moran AE, Mussolino ME, Perak AM, **Rosamond WD**, Roth GA, Sampson UKA, Satou GM, Schroeder EB, Shah SH, Shay CM, Spartano NL, Stokes A, Tirschwell DL, VanWagner LB, Tsao CW. Heart Disease and Stroke Statistics-2020 Update: A report from the American Heart Association. *Circulation*. 2020;141(9): e139-e596. PMID: 31992061
25. Roger VL, Sidney S, Fairchild AL, Howard VJ, Labarthe DR, Shay CM, Tiner AC, Whitsel LP, **Rosamond WD**. Recommendations for cardiovascular health and disease surveillance for 2030 and beyond: A policy statement from the American Heart Association. *Circulation*. 2020;141(9):e104-e119. PMID: 31992050

26. Poon AK, Meyer ML, Tanaka H, Selvin E, Pankow J, Zeng D, Loehr L, Knowles JW, **Rosamond W**, Heiss G.. Association of insulin resistance, from mid-life to late-life, with aortic stiffness in late-life: the Atherosclerosis Risk in Communities Study. Cardiovasc Diabetol. 2020;19(1):11. PMID: 31992297
27. Fanola CL, Norby FL, Shah AM, Chang PP, Lutsey PL, **Rosamond WD**, Cushman M, Folsom AR. Incident heart failure and long-term risk for venous thromboembolism. J Am Coll Cardiol. 2020;75(2):148-158. PMID: 31948643
28. Alexandridis AA, Dasgupta N, Ringwalt CL, **Rosamond WD**, Chelminski PR, Marshall SW. Association between opioid analgesic therapy and initiation of buprenorphine management: An analysis of prescription drug monitoring program data. PLoS One. 2020;15(1):PMID: 31923197
29. Gesell SB, Bushnell CD, Jones SB, Coleman SW, Levy SM, Xenakis JG, Lutz BJ, Bettger JP, Freburger J, Halladay JR, Johnson AM, Kucharska-Newton AM, Mettam LH, Pastva AM, Psioda MA, Radman MD, **Rosamond WD**, Sissine ME, Halls J, Duncan PW. Implementation of a billable transitional care model for stroke patients: the COMPASS study. BMC Health Serv Res. 2019;19(1):978. PMID: 31856808
30. Folsom AR, Basu S, Hong CP, Heckbert SR, Lutsey PL, **Rosamond WD**, Cushman M. The Reply. Am J Med. 2019;132(11):e808. PMID: 31676102
31. Zègre-Hemsey JK, Patel MD, Fernandez AR, Pelter MM, Brice J, **Rosamond W**. A Statewide Assessment of Prehospital Electrocardiography Approaches of Acquisition and Interpretation for ST-Elevation Myocardial Infarction Based on Emergency Medical Services Characteristics [published online ahead of print, 2019 Oct 31]. Prehosp Emerg Care. 2019;1-7. PMID: 31593496
32. Koton S, Sang Y, Schneider ALC, **Rosamond WD**, Gottesman RF, Coresh J. Trends in Stroke Incidence Rates in Older US Adults: An Update from the Atherosclerosis Risk in Communities (ARIC) Cohort Study [published online ahead of print, 2019 Sep 30]. JAMA Neurol. 2019;77(1):109-113. PMID: 31566685
33. Parikh RR, Folsom AR, Misialek JR, **Rosamond WD**, Chang PP, Tang W, Cushman M. Prospective study of plasma high molecular weight kininogen and prekallikrein and incidence of coronary heart disease, ischemic stroke and heart failure. Thromb Res. 2019; 182:89-94. PMID: 31473403
34. *Arora S, **Rosamond WD**, Caughey MC. Response by Arora et al to Letter Regarding Article, "Twenty Year Trends and Sex Differences in Young Adults Hospitalized with Acute Myocardial Infarction: The ARIC Community Surveillance Study". Circulation. 2019;140(8): e331-e332. PMID: 31424983
35. Mok Y, Sang Y, Ballew SH, Hoogeveen RC, Ballantyne CM, **Rosamond W**, Coresh J, Selvin E, Matsushita K Premorbid levels of high-sensitivity cardiac troponin T and natriuretic peptide and prognosis after incident myocardial infarction. Am Heart J. 2019;216: 62-73. PMID: 31404723
36. Muller CJ, Alonso A, Forster J, Vock DM, Zhang Y, Gottesman RF, **Rosamond W**, Longstreth WT Jr, MacLehose RF. Stroke Incidence and Survival in American Indians, Blacks, and Whites: The Strong Heart Study and Atherosclerosis Risk in Communities Study. J Am Heart Assoc. 2019;8(12): PMID: 31189396
37. *Bogle B, **Rosamond W**, Snyder K, Zegre-Hemsey J. The case for drone-assisted emergency response to cardiac arrest: An optimized statewide deployment approach. NC Med J 2019; 80(4):204-212. PMID: 31278178
38. *Arora S, Cavender MA, Chang PP, Qamar A, **Rosamond WD**, Hall ME, Rossi JS, Kaul P, Caughey MC. Outcomes of decreasing versus increasing cardiac troponin in patients admitted with non ST-segment elevation myocardial infarction: The Atherosclerosis Risk in Communities (ARIC) Study. Eur Heart J Acute Cardiovasc Care. 2019 PMID: 30958029

39. Engeda JC, Stackhouse A, White M, **Rosamond WD**, Lhachimi SK, Lund JL, Keyserling TC, Avery CL. Evidence of heterogeneity in statin-associated type 2 diabetes mellitus risk: a meta-analysis of randomized controlled trials and observational studies. Diabetes Res Clin Pract. 2019; 151:96-105. PMID: 30954511
40. Folsom AR, Basu S, Hong CP, Heckbert SR, Lutsey PL, **Rosamond WD**, Cushman M. Reasons for differences in the incidence of venous thromboembolism in black versus white Americans. Am J Med. 2019; PMID: 30953632
41. Kytömaa S, Hegde S, Claggett B, Udell JA, **Rosamond W**, Temte J, Nichol K, Wright JD, Solomon SD, Vardeny O. Association of influenza-like illness activity with hospitalization for heart failure. JAMA Cardiol. 2019; PMID: 30916717
42. Koton S, Wruck L, Quibrera PM, Gottesman RF, Agarwal SK, Jones SA, Wright JD, Shahar E, Coresh J, **Rosamond WD**. Temporal trends in validated ischemic stroke hospitalization in the USA. Int J Epidemiol. 2019; PMID: 30879069.
43. Benjamin EJ, Muntner P, Alonso A, Bittencourt MS, Callaway CW, Carson AP, Chamberlain AM, Chang AR, Cheng S, Das SR, Delling FN, Djousse L, Elkind MSV, Ferguson JF, Fornage M, Jordan LC, Khan SS, Kissela BM, Knutson KL, Kwan TW, Lackland DT, Lewis TT, Lichtman JH, Longenecker CT, Loop MS, Lutsey PL, Martin SS, Matsushita K, Moran AE, Mussolino ME, O'Flaherty M, Pandey A, Perak AM, **Rosamond WD**, Roth GA, Sampson UKA, Satou GM, Schroeder EB, Shah SH, Spartano NL, Stokes A, Tirschwell DL, Tsao CW, Turakhia MP, VanWagner LB, Wilkins JT, Wong SS, Virani SS; American Heart Association Council on Epidemiology and Prevention Statistics Committee and Stroke Statistics Subcommittee. Heart disease and stroke statistical 2019 update: A report from the American Heart Association. Circulation. 2019 Mar 5;139(10):e56-e528. PMID: 3070013
44. Androulakis XM, Sen S, Kodumuri N, Zhang T, Grego J, **Rosamond W**, Gottesman RF, Shahar E, Peterlin BL. Migraine age of onset and association with ischemic stroke in late life: 20 years follow up in ARIC. Headache. 2019;59(4):556-566. PMID: 30663778
45. Alexandridis AA, Dasgupta N, McCort AD, Ringwalt CL, **Rosamond WD**, Chelminski PR, Marshall SW. Association between implementation of project Lazarus and opioid analgesic dispensing and buprenorphine unitization in the North Carolina, 2009-2014. Inj Epidemiol. 2019;6(1). PMID: 30663005
46. Gregson J, Kaptoge S, Bolton T, Pennells L, Willeit P, Burgess S, Bell S, Sweeting M, Rimm EB, Kabrhel C, Zöller B, Assmann G, Gudnason V, Folsom AR, Arndt V, Fletcher A, Norman PE, Nordestgaard BG, Kitamura A, Mahmoodi BK, Whincup PH, Knuiman M, Salomaa V, Meisinger C, Koenig W, Kavousi M, Völzke H, Cooper JA, Ninomiya T, Casiglia E, Rodriguez B, Ben-Shlomo Y, Després JP, Simons L, Barrett-Connor E, Björkelund C, Notdurfter M, Kromhout D, Price J, Sutherland SE, Sundström J, Kauhanen J, Gallacher J, Beulens JWJ, Dankner R, Cooper C, Giampaoli S, Deen JF, Gómez de la Cámara A, Kuller LH, Rosengren A, **Rosamond W**, (50 additional authors).... Danesh J. Emerging Risk Factors Collaboration. Cardiovascular risk factors associated with venous thromboembolism. JAMA Cardiol. 2019; 4(2):163-173. PMID: 30649175
47. Bettger JP, Jones SB, Kucharska-Newton AM, Freburger JK, Coleman SW, Mettam LH, Sissine ME, Gesell SB, Bushnell CD, Duncan PW, **Rosamond WD**. Meeting Medicare requirements for transitional care: do stroke care and policy align? Neurology. 2019; 92(9):427-434. PMID: 30635495
48. Sen S, Androulakis XM, Duda V, Alonso A, Chen LY, Soliman EZ, Magnani J, Trivedi T, Merchant AT, Gottesman RF, **Rosamond WD**. Migraine with visual aura is a risk factor for incident atrial fibrillation: A cohort study. Neurology. 2018 Dec 11;91(24):e2202-e2210. PMID: 30429278
49. *Arora S, Stouffer GAR, Kucharska-Newton A, Qamar A, Vaduganathan M, Pandey A, Porterfield DS, Blankstein R, **Rosamond WD**, Bhatt D, Caughey MC. Twenty year trends and sex differences in young adults hospitalized with acute myocardial infarction: The ARIC Community Surveillance Study. Circulation. 2019;139(8):1047-1056. PMID: 30586725

50. *Arora S, Stouffer GA, Kucharska-Newton A, Vaduganathan M, Qamar A, Matsushita K, Kolte D, Reynolds HR, Bangalore S, **Rosamond WD**, Bhatt DL, Caughey MC. Fifteen-year trends in management and outcomes on non-ST segment elevation myocardial infarction among black and white patients: The ARIC Study Community Surveillance Study 2000-2014. J Am Heart Assoc. 2018 Oct 2;7(19):e010203. PMID: 30371336
51. Franceschini N, Giambartolomei C, de Vries PS, Finan C, Bis JC, Huntley RP, Lovering RC, Tajuddin SM, Winkler TW, Graff M, Kavousi M, Dale C, Smith AV, Hofer E, van Leeuwen EM, Nolte IM, Lu L, Scholz M, Sargurupremraj M, Pitkänen N, Franzén O, Joshi PK, Noordam R, Marioni RE, Hwang SJ, Musani SK, Schminke U, Palmas W, Isaacs A, Correa A, Zonderman AB, Hofman A, Teumer A, Cox AJ, Uitterlinden AG, Wong A, Smit AJ, Newman AB, Britton A, Ruusalepp A, Sennblad B, Hedblad B, Pasaniuc B, Penninx BW, Langefeld CD, Wassel CL, Tzourio C, Fava C, Baldassarre D, O'Leary DH, Teupser D, Kuh D, Tremoli E, Mannarino E, Grossi E, Boerwinkle E, Schadt EE, Ingelsson E, Veglia F, Rivadeneira F, Beutner F, Chauhan G, Heiss G, Snieder H, Campbell H, Völzke H, Markus HS, Deary IJ, Jukema JW, de Graaf J, Price J, Pott J, Hopewell JC, Liang J, Thiery J, Engmann J, Gertow K, Rice K, Taylor KD, Dhana K, Kiemeneij LALM, Lind L, Raffield LM, Launer LJ, Holdt LM, Dörr M, Dichgans M, Traylor M, Sitzer M, Kumari M, Kivimäki M, Nalls MA, Melander O, Raitakari O, Franco OH, Rueda-Ochoa OL, Roussos P, Whincup PH, Amouyel P, Giral P, Anugu P, Wong Q, Malik R, Rauramaa R, Burkhardt R, Hardy R, Schmidt R, de Mutsert R, Morris RW, Strawbridge RJ, Wannamethee SG, Hägg S, Shah S, McLachlan S, Trompet S, Seshadri S, Kurl S, Heckbert SR, Ring S, Harris TB, Lehtimäki T, Galesloot TE, Shah T, de Faire U, Plagnol V, **Rosamond WD**, (26 additional authors)...O'Donnell CJ. GWAS and colocalization analysis implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. Nat Commun. 2018; 9(1):5141.PMID: 3051015
52. Oliver-Williams C, Vladutiu CJ, Loehr LR, **Rosamond WD**, Stuebe AM. The association between parity and subsequent cardiovascular disease in women: The Atherosclerosis Risk in Communities Study. J Women's Health. 2018; (5):721-727. PMID: 30481103
53. Duncan PW, Abbott RM, Rushing S, Johnson AM, Condon CN, Lycan SL, Lutz BJ, Cummings DM, Pastva AM, D'Agostino RB Jr, Stafford JM, Amoroso RM, Jones SB, Psioda MA, Gesell SB, **Rosamond WD**, Prvu-Bettger J, Sissine ME, Boynton MD, Bushnell CD; COMPASS Investigative Team. COMPASS-CP: an electronic application to capture patient-reported outcomes to develop actionable stroke and TIA care plans. Circ Cardiovasc Qual Outcomes. 2018; 11(8): PMID: 30354371
54. Zègre-Hemsey JK, Bogle B, Cunningham CJ, Snyder K, **Rosamond W**. Delivery of automated external defibrillators (AED) by drones: Implications for emergency cardiac care. Curr Cardiovasc Risk Rep. 2018; PMID: 30443281
55. Franceschini N, Kopp JB, Barac A, Martin LW, Li Y, Qian H, Reiner AP, Pollak M, Wallace RB, **Rosamond WD**, Winkler CA. Association of APOL1 with heart failure with preserved ejection fraction in postmenopausal African American women. JAMA Cardiol. 2018; 3(8):712-720. PMID: 29971324
56. Andrews JE, Moore JB, Weinberg RB, Sissine M, Gesell S, Halladay J, **Rosamond W**, Bushnell C, Jones S, Means P, King NMP, Omoyeni D, Duncan PW. Ensuring respect for persons in COMPASS: a cluster randomized pragmatic clinical trial. J Med Ethics. 2018; PMID: 29720489
57. Caughey M, Sueta CA, Stearns SC, Shah AM, **Rosamond WD**, Chang PP. Recurrent acute decompensated heart failure admissions for patients with reduced versus preserved ejection fraction: The ARIC Study. Am J Cardiol. 2018; PMID: 29703442
58. **Rosamond W**. Geographic variation in cardiovascular disease burden: Clues and Questions. JAMA Cardiology 2018. 3(5): 366-368. PMID: 29641821
59. Bushnell CD, Duncan PW, Lycan SL, Condon CN, Pastva AM, Lutz BJ, Halladay JR, Cummings DM, Arnan MK, Jones SB, Sissine ME, Coleman SW, Johnson AM, Gesell SB, Mettam LH, Freburger JK, Barton-Percival B, Taylor KM, Prvu-

- Bettger J, Lundy-Lamm G, **Rosamond WD**. A person-centered approach to post-stroke care: The Comprehensive Post-Acute Stroke Service (COMPASS) model. J Am Geriatr Soc. 2018; 66(5):1025-1030. PMID: 29572814
60. Nadruz W Jr, Claggett B, Henglin M, Shah AM, Skali H, **Rosamond WD**, Folsom AR, Solomon SD, Cheng S. Widening racial differences in risk of coronary heart disease. Circulation. 2018 Mar 13;137(11):1195-1197. PMID: 29530895
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Published Commentaries

1. Folsom AR, Basu S, Hong C-P, Heckbert SR, Lutsey PL, **Rosamond WD**, Cushman M. The Reply [Invited]. Reasons for differences in the incidence of venous thromboembolism in black versus white Americans. Am J Med. 2019;132(11):e808. PMID: 31676102
2. **Rosamond W**. Geographic variation in cardiovascular disease burden: Clues and Questions. JAMA Cardiology 2018. 3(5): 1-2.
3. **Rosamond W** and Johnson A. Is home where the heart is? The role of neighborhood in heart failure risk. Cir Cardiovasc Qual Outcomes 2018 Jan;11(1): e004455. PMID: 29317457
4. **Rosamond W** and Johnson A. Commentary: Modern day 'flying ambulances' for coronary care: A tale of two cities. Inter J Epidemiol 2005; 34:431-432. PMID: 15802382
5. **Rosamond W**, Chambless L, Sorlie P, Bell E, Weitzman S, Smith J, Folsom A. Rosamond's response to "Are heart attacks gone with the century?" Am J Epidemiol 2004;160(12):1150-1.
6. **Rosamond W**. Invited commentary: trends in coronary heart disease mortality-location, location, location. Am J Epidemiol 2003;157(9):771-773.
7. Howard V, **Rosamond W**. Editorial comment- Identifying risk factors for perioperative outcomes after carotid endarterectomy: the story continues. Stroke 2003;34(11):2573-2575.
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9. Evenson KE, Morris DL, **Rosamond WD**, Brice JH, Huston SL, Puckett E. Addressing Healthy People 2010 Objectives for Stroke. Stroke 2001;32(7):1692.
10. **Rosamond W**, Chambless L, Folsom A. International trends in coronary heart disease. Lancet 1999; 354(9181):864-865.

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12. **Rosamond W**, Savaiano D. Sucrase Activity in Rat Small Intestine. Digestive Dis Sci 1989; 34(12):1945-1946.

INVITED SPEAKER

- Defining Cardiovascular Health-Next Steps. AHA Scientific Sessions, 2021
- 30 Years of ARIC Community Surveillance Trends, AHA Scientific Sessions, Chicago, 2018
- Implementing a Post -Acute Stroke Care Trial, AHA Heart Disease and Stroke Summit, Raleigh, NC 2018
- Keynote address, Annual Sheldon Resident Research Symposium, UNC School of Medicine, 2017
- Design and conduct of pragmatic trials. Duke Clinical Research Institute, Durham, NC, 2016
- Collaboration Opportunities in CVD Research, UNC, Division of Cardiology, Grand Rounds, 2015
- Creating and sustaining a research theme: stroke, University of Minnesota, Minneapolis, 2015
- Defining Cardiovascular Health: Approach and Research Applications. University of Cambridge, UK, 2014
- Keynote address, German Society of Epidemiology Annual Meeting, Ulm Germany, 2014
- Classification of heart failure. Women’s Health Initiative Annual meeting, Seattle, 2014
- Using Existing Health Data Collection Systems for CVD Surveillance, NIH, June 2013
- Community trends in incidence of myocardial infarction. Scientific sessions AHA, Los Angeles, 2012
- Improving stroke care: Examples from a statewide registry. Institute of Epidemiology, Helmholtz Zentrum München, University of München, Germany, 2011
- Integrating a stroke registry into EMS data sources, International Stroke Conference, Los Angeles, 2011
- Community Surveillance Research, NHLBI-Northwestern University Population Studies Workshop, 2010
- Stroke Epidemiology, Stroke Update Evidence-based Therapy Guidelines, South East Area Health Education Center, Wallace, NC, 2010
- Trends in CHD: Connecting Prevention and Care to Community Impact, 20th Anniversary of Summer Epidemiology Institute Symposium, Ulm Germany, 2009
- Stroke Center Certification, Northeast Cerebrovascular Consortium Summit, Boston, 2008
- Sudden Cardiac Death, Workshop on new challenges for MI Registries, GSF, Munich Germany, 2007
- Cardiovascular Survey Methods, Univ. Texas Health Science Center at Houston, 2007
- Neurology Grand Rounds, UNC School of Medicine, Improving Quality of Stroke Care, Chapel Hill, 2006
- Charting the Future of Stroke Symposium, “Acute Stroke Registries in the US”. Canadian Stroke Network, St. John’s, Newfoundland 2006
- Improving Stroke Care Symposium, “Stroke Registries/Quality Improvement” AHA Tri-City Region, Kingsport, TN 2006
- Cardiology Grand Rounds, UNC School of Medicine, “Impact of Troponin in Evaluating Trends in Myocardial Infarction Rate” Chapel Hill, March 2006
- World Cardiology Congress/European Society of Cardiology, “Obesity & CVD Prevention”, Barcelona, 2006
- NIH Workshop on Data Needs for CVD Events, Management and Outcomes, Bethesda 2005
- CDC Heart Disease and Stroke Conference, “Stroke Registries in the US”, Atlanta 2004
- American Stroke Association Annual meeting, “NC Stroke Registry”, San Diego 2004
- Stroke Unit Grand Opening, UNC Hospital, “Stroke in North Carolina”, Chapel Hill 2003
- Neurology Grand Rounds, UNC Hospital. “UNC Collaborative Stroke Registry”, Chapel Hill 2003
- Stroke Belt Consortium Annual Meeting, “Training EMS and 911 Dispatch”, Orlando 2003
- American Headache Society, “Epidemiologic coincidence of migraine and CVD”, Seattle 2002
- American Heart Association AMI Consensus Conference, “Current criteria: Using new biomarkers to classify AMI”, Airlie House, Virginia 2002
- National Institute of Neurological Disorders and Stroke Symposium, “Increasing public recognition and rapid response to stroke”, Bethesda 2002
- National Heart Lung and Blood Institute Interpreting Community Surveillance Studies Workshop, “Trends in CHD in the ARIC study”, Bethesda 2001

- National Heart Lung and Blood Institute, US-Japan symposium on genetic epidemiology, “The evolving epidemiology of CVD in the US”, Hawaii 2001
- European College of Cardiology, “Medical care and MI survival: US and Poland”, Amsterdam 2000
- Tri-State Stroke Summit, “Seeking Emergency Medical Care for Stroke”, Chapel Hill 1999
- International Epidemiology Association, “Trends in CVD incidence in the US”, Florence, Italy 1999

STUDENT MENTORING

Student Dissertation/Thesis Committees

Role	Student name	Degree	Dissertation/Thesis Topic	Year
Chair	Bailey DeBarmore	PhD	Electronic medical record phenotyping	2021*
Chair	Eugenia Wong	PhD	Subjective well-being and CVD Risk	2022*
Chair	Kennedy Peters	PhD	Social support and Cardiovascular Health	2023*
Member	Ethan Alt ^B	PhD	Bayesian methods for data in clinical trials	2021
Chair	Sam Schilsky	PhD	Association of steps with blood pressure	2021
Chair	Sameer Arora	MPH	Outcomes from STEMI interventions	2020
Member	Katherine Breen ^{UI}	PhD	Multimorbidity Among ACS Patients	2020
Member	Anna Poon	PhD	Arterial stiffness in older adults	2019
Member	Bo Nebolia ^L	MPH	Trends in Sudden Cardiac Death	2017
Chair	Parsas Fatemi	MPH	Reperfusion methods in acute stroke	2018
Member	Katie Holliday	PhD	Environmental determinants of physical activity	2016
Chair	Sara Jones	PhD	Alcohol intake and stroke risk and cognitive decline	2015
Member	Lindsay Jaacks ^N	PhD	Patterns of treatment of diabetes in China	2014
Chair	Mehul Patel	PhD	Emergency Medical Systems of Care for Stroke	2013
Chair	Emily O’Brien	PhD	Trends in Treatment of and Outcomes from MI	2012
Member	Wassen Fares	MSCR	Pulmonary hypertension evaluation	2011
Chair	Randi Foraker	PhD	Progression and Re-hospitalization for Heart Failure	2010
Member	Sunil Agarwal	PhD	Lung Function and Risk of Heart Failure Risk	2010
Chair	Matthew Brennan	MPH	Comparison of Treatments for Aortic Stenosis	2010

Chair	Vimal Derebail	MPH	Hemoglobin and Erythropoietin Resistance	2009
Chair	Andrew Bomback	MPH	Sugared beverages, hyperuricemia and kidney disease	2009
Member	K. Chichlowska	PhD	Long term ECG changes and Prediction of CVD	2009
Member	Cal Roberts	PhD	Socioeconomic status and heart failure survival	2008
Chair	Laura Loehr	PhD	Obesity and Population Risk of Heart Failure	2008
Chair	Emily O'Brien	MSPH	Acute Stroke Care and Hospitalizations on Off-hours	2008
Chair	Souvik Sen	MPH	Peripheral Arterial Disease in Stroke Patients	2008
Member	Jackie Wright	DrPH	Trends in Hypertension in a National Survey	2008
Chair	Louise Henderson	PhD	Alcohol and risk of stroke and heart failure	2006
Chair	Anna Newton	MPH	Metabolic syndrome its association with cancer	2005
Member	Semra Aytur	PhD	Socio-ecologic model and physical activity patterns	2005
Member	Aileen McGinn	PhD	The built environment and physical activity patterns	2005
Chair	Shanti Ganesh	MPH	Diabetes and outcomes after ankle fractures	2004
Chair	Annie McNeill	PhD	Metabolic Syndrome and risk of CVD	2004
Member	Maarit Korhonen	PhD	Antihypertensive Medication in Finland	2004
Member	Georgeta Vaidean	PhD	Spatial T wave axis deviation with incident CHD	2004
Member	Beth Weatherly	PhD	Ankle brachial blood pressure change and CVD	2003
Member	Alissa Jacobs ^N	PhD	A health behavior intervention for low income women	2003
Chair	Mark Massing	PhD	Income Inequality and national CVD mortality trends	2002
Chair	G. Khandelwal	MPH	A study of potential triggers for acute stroke	2002
Chair	Kathleen Corey	MPH	Surgical procedures and esophageal cancer	2002
Chair	Jenny Briley	MPH	Anti-hypertensive medications and national guidelines	2002
Chair	Michael O'Reilly	MPH	Trends in medication use for myocardial infarction	2002
Reader	Michele Whittier	MPH	Cardioprotective medications and kidney disease	2002
Member	Jane Manoco ^B	DrPH	Analysis of failure time data with applications to CVD	2002
Chair	Emily Schroeder	MSPH	Use of emergency medical services after acute stroke	2001

Member	Merci Carnathan	PhD	Heart rate variability and CVD incidence and mortality	2001
Member	Jama Purser	PhD	Characteristics of physical disability in aging	2001
Reader	Juhaeri Juhaeri	PhD	Weight gain and incidence of hypertension	2001
Member	Dave Vanata ^N	PhD	Healthy workers and healthy families screenings	2001
Reader	Michael Sullivan	MPH	Survival after treatment for AMI	1999
Member	Susan Lutz ^N	PhD	Improving fruit and vegetable consumption	1999
Chair	Kelly Evenson	PhD	Ischemic stroke risk and physical activity	1998
Member	Zhi-Jie Zheng	PhD	Ankle-brachial index an association with CVD risk	1996
Reader	Romulo Colindres	MSPH	Blood lipids on kidney function in clinical trials	1996
Reader	Mark Massing	MPH	Inequalities in the decline in stroke mortality rates	1996
Member	JJ Nelson	PhD	Ankle-brachial index and CVD risk	1996
Member	Christopher Nardo	PhD	Orthostatic hypertension and risk of CVD	1995
Reader	Eric Whitsel	MPH	Atypical myocardial Infarction	1995

* Expected completion ^N Nutrition Dept ^B Biostatistics Dept ^L Public Health Leadership program. ^U University of Illinois

Current Primary Student Mentoring

Bailey DeBarmore (3rd year doctoral student)
 Eugenia Wong (3rd year doctoral student)
 Kennedy Peters (2nd year doctoral student)
 Sydney Browder (1st year doctoral student)
 Carmen Mendoza (1st year doctoral student)
 Seirra Patterson (1st year doctoral student)
 Benjamin Sines (1st year MSCR student)

Current Position of Past Doctoral Advisees

Name	Year Graduated	Current Title	Location
Sam Schilsky	2021	Epidemiologist	Aetion, Inc. Boston, MA
Sara Jones	2015	Assistant Professor	Department of Epidemiology, Gillings School of Global Public Health, UNC
Mehul Petal	2013	Assistant Professor	Department of Emergency Medicine, School of Medicine, UNC
Emily O'Brien	2012	Associate Professor	Department of Population Health Science, Duke University
Randi Foraker	2010	Professor	Division of Medical Sciences, School of Medicine, Washington University in St. Louis

Laura Loehr	2008	Associate Professor	Department of Epidemiology, Gillings School of Global Public Health, UNC
Louise Henderson	2006	Professor	Department of Radiology, School of Medicine, University of North Carolina
Annie McNeill	2004	Senior Director	Global Epidemiology, AbbVie Pharmaceuticals, Inc. Chicago, IL
Mark Massing	2002	Physician Scientist	Private Consulting, Chapel Hill, NC
Kelly Evenson	1998	Professor	Department of Epidemiology, Gillings School of Global Public Health, UNC

GRANTS and CONTRACTS

Principal Investigator (PI) on Funded Grants and Contracts

Title	Role	Dates	Source	Total direct award
Comparative Effectiveness of Blood Pressure Management Post Stroke	PI	7/2021-7/2027	PCORI	\$7,000,000
UNC Cardiovascular Epidemiology T32 Training Program	PI	6/2021-5/2026	NRSA/NIH T-32	\$2,641,000 *
Atherosclerosis Risk in Communities: Coordinating Center	Co-PI	11/2021-10/2028	NIH-NHLBI	\$15,585,272 *
Regional Difference in Cardiovascular Disease Risk in NC	PI	6/2019-5/2021	Undergraduate Office-UNC	\$9,800
Adipokines and Heart Failure with Obesity	PI	4/2019-3/2024	NIH: Subcontract with Johns Hopkins	\$20,000
Cambridge /UNC Cardiovascular Epidemiology Partnership-Phase II	PI	1/2017-12/2021	Gillings Global Collaboration Fund	\$12,000
Delivery of Automated External Defibrillators (AED) via Drones	PI	1/2018-5/2019	TraCS/NC	\$50,000
WHISH-2-PREVENT HF	PI	8/2016-5/2021	NIH: Subcontract with Brown University	\$250,000
UNC Cardiovascular Epidemiology T32 Training Grant	PI	6/2017-5/2021	NRSA/NIH T-32	\$2,500,000
Heart Failure in WHI-Clinical Coordinating Center Extension II	PI	04/2016- 3/2022	NIH-NHLBI: subcontract with WHI	\$300,000

Fifth Longitudinal Investigation of Thromboembolism (LITE V)	PI	1/2017-12/2020	NIH-NHLBI: subcontract with University of MN	\$45,000
Jackson Heart Study-Coordinating Center	PI	8/2018-8/2023	Univ. Miss Med Center	\$116,000
Atherosclerosis Risk in Communities: Coordinating Center	Co-PI	11/2016-10/2021	NIH-NHLBI	\$10,000,000
Comprehensive Post-Acute Stroke Care (COMPASS)	PI	2015-2021	PCORI-sub with Wake Forest University	\$7,600,000
Cambridge /UNC Cardiovascular Epidemiology Training Partnership- pilot	PI	2015-2016	Gillings Global Collaboration Fund	\$8000
Competitive Senior Faculty Research and Scholarly Leave Fellowships	PI	2014	Kennan Foundation	\$64,000
Paul Coverdell National Acute Stroke Registry in NC-Phase III	PI	7/2012-6/2015	CDC-sub with NC Health Department	\$900,000
UNC Cardiovascular Epidemiology Training Program	PI	6/2012-5/2017	NRSA/NIH T-32	\$2,479,479
Heart Failure in WHI-Clinical Coordinating Center Extension	PI	09/1/11- 3/31/16	NIH-NHLBI: subcontract with WHI	\$423,656
Atherosclerosis Risk in Communities: Coordinating Center	Co-PI	11/2010-10/2016	NIH-NHLBI	\$16,391,138
Forth Longitudinal Investigation of Thromboembolism (LITE IV)	PI	1/2013-12/2015	NIH-NHLBI: subcontract with University of MN	\$30,000
Third Longitudinal Investigation of Thromboembolism (LITE III)	PI	1/2007-12/2012	NIH-NHLBI: subcontract with University of MN	\$145,000
Paul Coverdell National Acute Stroke Registry in NC-Phase II	PI	7/2012-6/2014	CDC-sub with NC Health Department	\$900,000
Paul Coverdell National Acute Stroke Registry in NC-Phase II	PI	7/2007-6/2012	CDC-sub with NC Health Department	\$1,500,000
Paul Coverdell National Acute Stroke Registry in NC	PI	7/2004 - 6/2007	CDC-sub with NC Health Department	\$2,640,000
Sudden Cardiac Death: Etiology and Prevention	PI	7/2003-6/2007	Subcontract with Wake Forest Univ.	\$144,000

North Carolina Rapid Response to Stroke	Co- PI	6/2001-12/2004	Duke Endowment Fund	\$431,179
Acute Stroke Care: A study of 911 tapes in 2 NC Counties	PI	5/1999-12/2000	NC State Health Department	\$15,122
Outcomes from Gastric Bypass Surgery in Severe Obesity	PI	9/2000-8/2005	NIH-NHLBI: subcontract with University of Utah	\$40,195
North Carolina Collaborative Stroke Registry Prototype	PI	7/2002 - 6/2004	CDC	\$1,048,108
Second Longitudinal Investigation of Thromboembolism (LITE II)	PI	1/2003 -12/2006	NIH-NHLBI: subcontract with University of MN	\$213,136
Longitudinal Investigation of Thromboembolism (LITE)	PI	2/1998 - 1/2001	NIH-NHLBI: subcontract with University of MN	\$62,727
CVD Interventions for Low-Income Women: A Monograph	PI	7/1999 - 6/2000	CDC	\$345,972
WISEWOMEN	PI	7/1996 - 6/2001	CDC	\$1,335,802
Delay in Accessing Stroke Healthcare II	PI	2/1997 - 8/1999	GlaxoSmithKline, Inc.	\$557,091
Delay in Accessing Stroke Healthcare I	PI	7/1996 - 6/1997	UNC Young Investigator Award	\$10,000

* Under review

Co-Investigator on Funded Grants and Contracts

	Role	Dates	Source	Total direct award
T35 Training grant in Emergency Medicine	Co-invest	5/1/17-4/30/22	NHLBI	\$206,820
Hispanic Community Health Study II (PI: J. Cai)	Co-invest	9/2013- 8/2019	NIH-NHLBI	\$15,000,000
A GIS Evaluation of Statewide EMS Stroke Routing Protocol for Stroke (PI: Asimos)	Consultant	5/2011 - 4/2013	Emerg Med Foundation	\$150,000
Development of a CVD surveillance system in the CVRN (PI: S. Sydney)	Consultant	9/2009 - 8/2011	NIH-NHLBI	\$3,463,723
Hispanic Community Health Study (PI: L. Lavange)	Co-invest	9/2006- 8/2013	NIH-NHLBI	\$22,000,000

Cardiovascular Disease Epidemiology Training Grant (PI: G. Heiss)	Co-Director	7/1975 - 5/2012	NIH-NHLBI	\$2,200,195
ARIC Cohort and Community Surveillance (PI: L. Chambless)	Co- invest	1/2006-12/2011	NIH-NHLBI	\$7,300,000
Effects of Neighborhood SES on CHD in Communities (PI: K. Rose)	Co-Invest	4/2005 - 3/2009	NIH-NHLBI	\$850,000
Risk Factors for Peripartum Cardiomyopathy (PI: P. Chang)	Co-Invest	1/2006-12/2008	AHA	\$180,000
Atherosclerosis Risk in Communities : Field Center (PI: Heiss)	Co-Invest.	9/1985 - 1/2010	NIH-NHLBI	\$30,250,000
Stroke Risk after Diagnosis of TIA (PI: Asimos)	Co-invest	6/2006-5/2008	Emerg Med Foundation	\$50,000
Atherosclerosis Risk in Communities: Coordinating Center (PI: Chambless)	Co-Invest	7/1985 - 1/2006	NIH-NHLBI	\$24,965,345
International Programs Component for the CSCC (PI: Davis)	Co-Invest	8/1995 - 8/2000	NIH-NHLBI	\$3,445,174
Jackson Heart Study Advisory Coordinating Center (PI: Carpenter)	Co-Invest	6/1999 - 5/2005	NIH-NHLBI	\$1,827,893
Testing CVD Lifestyle Intervention (PI: Ammerman)	Co-Invest.	6/2001 - 7/2004	CDC	\$366,401
Antiphospholipid Syndrome Collaborative Registry (PI: Roubey)	Co-Invest.	9/2000 - 9/2005	NIH-NHLBI	\$2,527,070

PROFESSIONAL SERVICE

Expert Committees and Boards

- Vice-Chair, Epidemiology and Prevention Council, American Heart Association 2020-present
- Chair, Observational Safety Monitoring Board, Med-South Weight Loss Study 2019-present
- Treasurer, International Society for CVD Epidemiology and Prevention (ISCEP) 2017-present
- Member, Board of Directors, (ISCEP) 2013-present
- Member, Statistics Committee, American Heart Association 2016-present
- Member, 2020 Goal Metrics Committee, American Heart Association 2018-present
- Member, Leadership Committee, American Heart Assoc.- Epidemiology Council 2014- present
- President, Triangle Board of Directors, American Heart Association 2017-2019
- Member, Life-Long Learning Committee, American Heart Association 2017-2019
- Member, Planning committee, Data Science Workshop, NIH-NHLBI 2016-2017
- Member, Mission Lifeline Stroke Subcommittee, American Heart Association 2015-2018
- Member, Executive Database Steering Committee, American Heart Association 2015-2017
- Immediate Past President, Board of Directors, Mid-Atlantic Region, AHA 2015- 2017
- Chair, Spring Program Committee, AHA Council on Epidemiology 2017-2018

- Member, Data Summit Acquisition, Analysis of Data in 2015 and Beyond, AHA 2015
- Chair, Epidemiology Mission Metrics Committee, American Heart Association 2014-2017
- Vice Chair, Spring Program Committee, AHA Council on Epidemiology 2014-2016
- President, Board of Directors, Mid-Atlantic Region, American Heart Association 2012- 2015
- Member, Workshop on using existing medical data systems in CVD research-NIH-NHLBI 2013
- Member, Board of Directors, Mid-Atlantic Region, American Heart Association 2011 - 2018
- Chair, Data Safety Monitoring Board, Heart Healthy Lenoir County project 2011 - 2016
- Member, National Emergency Medical Service Performance Measures Advisory Panel 2010
- Member, Universal Task Force for the Definition of MI, ESC, AHA, WHF 2008 - 2012
- Member, Coordinating Board, National Forum for Heart Disease/Stroke Prevention 2008 - 10
- Member, External Collaborators and Advisory Board, CVRN, NIH-NHLBI 2008 - 2012
- Member, American Heart Association, Stroke Quality and Outcomes Committee 2008 - 2012
- Member (NC Legislature appointee), NC Stroke Advisory Council 2006 - 2017
- Member, Statistics Committee, American Heart Association 2003 - 2010
- Member, Publications Committee, Registry of the Canadian Stroke Network 2005 - 2012
- Chair, Monitoring and Evaluation, National Forum for Heart Disease/Stroke Prevention 2008 - 2010
- Chair, Executive Database Steering Committee, American Heart Association 2007 - 2009
- Member, Expert Panel on Stroke Outcomes in Coverdell Registries, CDC 2008
- Member, Science Advisory Coordinating Committee (SACC), AHA 2007 - 2009
- Chair, Statistics Committee, American Heart Association 2005 - 2008
- Vice-Chair, Monitoring and Evaluation Group, CDC National Forum 2006 - 2008
- Chair, Organizing Committee, CDC Conference on Evaluation of Policy Change 2006 - 2008
- Member, Leadership Council, CVD Epidemiology and Prevention, AHA 2005 - 2007
- Chair, NHLBI Trainee Session Planning Committee 2000 - 2007
- Chair, CVD Evaluation Research Task Group, Public Health Action Plan, CDC 2004 - 2006
- Member, Executive Database Steering Committee, American Heart Association 2004 - 2007
- Chair, Epidemiology and Data Committee, Tri-State Stroke Network, CDC 2003 - 2006
- Co-Chair, Statistics Committee, American Heart Association 2002 - 2005
- Member, Expert Panel for Cardiovascular Disease and Socioeconomic Status, AHA 2004
- Member, Measurement and Indicators Working Group: Acute Care Guidelines, AHA 2003
- Co-chair, Expert Panel-Public Recognition and Rapid Response to Stroke, NINDS-NIH 2002 - 2003
- Chair, Expert Panel-CVD Prevention Research, Public Health Action Plan, CDC 2002 - 2004
- Member, Expert Committee Defining Myocardial Infarction in Epidemiology, NHLBI 2002
- Member, Expert Committee on Evaluating CVD Risk and Migraine Therapy, AHS 2002
- Member, Leadership Council, Council on CVD Epidemiology and Prevention, AHA 2001 - 2002
- Member, Expert Committee on Interpretation of CHD Surveillance Studies, NHLBI-NIH 2001
- Advisor, National Research Council, Toxicological effects of methylmercury 2000

Editorial Boards

- Section Editor, Health Policy, Current Cardiovascular Risk Reports 2014 - present
- CVD Section Editor-International Encyclopedia of Public Health, Second Edition 2015 – 2016, 2021
- Guest editor- Circulation 2009 - present
- Cardiology Clinical Alert 2004 - 2010
- CVD Section Editor-International Encyclopedia of Public Health, First Edition 2003 - 2008

Professional Societies

- American Heart Association Fellow, Council on Cardiovascular Disease Epidemiology and Prevention
- American Heart Association Stroke Council

Grant Study Sections

- NIH-NHLBI Special Emphasis Panel (ZHL1 CCT-Q C1) 2012
- NIH, NHLBI- Patient Oriented Research (K23/K24/K25) Special Emphasis Panel 2010
- NIH, NHLBI, CVD Outcomes research, ZHL1 CSR-JS1 2010
- NIH, NHLBI, T32 program, study section 2009
- NIH, NHLBI, Special Emphasis Panel, ZHL1 CCT-Z (C1) 2007
- NIH, NINDS, Special Emphasis Panel 2006 - 2007
- Food and Drug Administration, Office of Women's Health 2006
- NIH, Biostatistical Methods and Research Design (BMRD-1) 2002 - 2005
- AHA, Behavior Science and Epidemiology and Prevention (BSEP-1) 1999, 2005, 2007
- Canadian Health Research Fund 1999

Journal Reviewer

- American Journal of Epidemiology
- American Journal of Cardiology
- Annals of Epidemiology
- Archives of Internal Medicine
- Circulation
- Circulation: Cardiovascular Quality and Outcomes
- Epidemiology
- European Heart Journal
- International Journal of Epidemiology
- JAMA
- JAMA Cardiology
- Journal of the American College of Cardiology
- Journal of the American Heart Association
- Neuroepidemiology
- Prehospital Emergency Care
- Stroke

Service to UNC School of Public Health and Department of Epidemiology

- Director, Master of Science in Clinical Research (MSCR) degree program 2019-present
- Member, MPH admissions Committee 2018-present
- Member, Graduate Studies Committee 2013 - 2018
- Member, Department of Biostatistics, Coordinating Center Director search 2012
- Member, Department of Epidemiology Faculty Search Committee 2010
- Member, School of Public Health, Appointments Promotions and Tenure Committee 2008 - 2011
- Member, Department of Epidemiology Space Management Committee 2006 - 2010
- Member, Epidemiology Admissions Committee 2003 - 2013
- Member, School of Public Health Space Committee 2006 - 2008
- Member, UNC Faculty Council, School of Public Health, 2006 - 2009
- Chair, Research Space Advisory Council 2004 - 2005
- Member, Staff Excellence Award Selection Committee 2001 - 2004
- Chair, Epidemiology Admissions Committee 1999 - 2002
- Member, Chairman's Advisory Council 1998 - 1999

Conference Organizer

- Program Chair, Epidemiology and Prevention Council, American Heart Association Annual meeting, New Orleans, 2018
- Program Chair, Epidemiology and Prevention Council, American Heart Association Annual meeting, Portland, 2017
- Program Chair, Conference on *Evaluation of Policy and Environmental Change for Heart Disease and Stroke Prevention*, Centers for Disease Control and Prevention, Boulder, Colorado September 2007