

CURRICULUM VITAE

Maria Mori Brooks, PhD
University of Pittsburgh

ORCID iD: orcid.org/0000-0002-2030-7873

Business Address: Department of Epidemiology
University of Pittsburgh, GSPH
5119 Public Health
130 DeSoto Street
Pittsburgh, PA 15261

Business Phone: (412) 624-1618

Business Fax: (412) 383-5891

Email Address: mbrooks@pitt.edu

EDUCATION and TRAINING

Undergraduate

1985 Williams College
Williamstown, MA BA
Mathematics
cum laude

Graduate

1986 Harvard University
Cambridge, MA MA
Statistics

1991 University of North Carolina
Chapel Hill, NC PhD
Statistics

APPOINTMENTS and POSITIONS

Academic

2019 - Present	University of Pittsburgh Pittsburgh, PA	Professor with Tenure Epidemiology
2016 – 2019	University of Pittsburgh Pittsburgh, PA	Professor Epidemiology
2016 – Present	Epidemiology Data Center Graduate School of Public Health University of Pittsburgh Pittsburgh, PA	Co-Director
2013 – Present	Graduate School of Public Health University of Pittsburgh Pittsburgh, PA	Vice Chair for Education Department of Epidemiology
2011 – Present	University of Pittsburgh Pittsburgh, PA	Secondary Appointment Clinical and Translational Science
2009 – Present	Graduate School of Public Health University of Pittsburgh Pittsburgh, PA	Secondary Appointment Biostatistics
2008 – 2015	Graduate School of Public Health University of Pittsburgh Pittsburgh, PA	Associate Professor Epidemiology

2001 – 2008	Graduate School of Public Health University of Pittsburgh Pittsburgh, PA	Assistant Professor Epidemiology
1995 – 2001	Graduate School of Public Health University of Pittsburgh Pittsburgh, PA	Research Specialist V Epidemiology
1991 – 1995	School of Public Health University of Washington Seattle, WA	Research Assistant Professor Biostatistics

MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES

1991 – Present	Member, American Heart Association
1991 – 1996,	
2007 – Present	Member, Society for Clinical Trials
2007 – Present	Member, American Statistical Association
2009 – Present	Member, Delta Omega Honor Society in Public Health, Omicron Chapter

HONORS and AWARDS

1990	American Fellowship from the American Association of University Women Educational Foundation
2009	Inducted into Delta Omega Honor Society in Public Health, Omicron Chapter
2010	Elected Fellow of the American Heart Association (FAHA) and the Council on Epidemiology and Prevention
2013	James L. Craig Award for Teaching Excellence, Graduate School of Public Health, University of Pittsburgh
2016	Nominated for the James L. Craig Award for Teaching Excellence, Graduate School of Public Health, University of Pittsburgh
2016	Nominated for the 2017 Chancellor's Distinguished Teaching Award, Graduate School of Public Health, University of Pittsburgh

PUBLICATIONS

Peer-reviewed Publications

Underline – indicates doctoral student advised by Dr. Maria Brooks

*(asterisk) - indicates corresponding author

1. **Brooks MM**, Marron JS. Asymptotic optimality of the least-squares cross-validation bandwidth for kernel estimates of intensity functions. *Stochastic Processes and their Applications*. 1991; 38:157-165.
2. The Cardiac Arrhythmia Suppression Trial II Investigators. Effect of the antiarrhythmic agent moricizine on survival after myocardial infarction. *The New England journal of medicine*. 1992 Jul 23; 327 (4):227-33. PMID: 1377359.
3. Gorkin L, Schron EB, **Brooks MM**, Wiklund I, Kellen J, Verter J, Schoenberger JA, Pawitan Y, Morris M, Shumaker S. Psychosocial predictors of mortality in the Cardiac Arrhythmia Suppression Trial-1 (CAST-1). *The American Journal of Cardiology*. 1993 Feb 1; 71 (4):263-7. PMID: 8427165.

4. Peters RW, Zoble RG, Liebson PR, Pawitan Y, **Brooks MM**, Proschan M. Identification of a secondary peak in myocardial infarction onset 11 to 12 hours after awakening: the Cardiac Arrhythmia Suppression Trial (CAST) experience. *Journal of the American College of Cardiology*. 1993 Oct; 22 (4):998-1003. PMID: 8409074.
5. Peters RW, Mitchell LB, **Brooks MM**, Echt DS, Barker AH, Capone R, Liebson PR, Greene HL. Circadian pattern of arrhythmic death in patients receiving encainide, flecainide or moricizine in the Cardiac Arrhythmia Suppression Trial (CAST). *Journal of The American College of Cardiology*. 1994 Feb; 23 (2):283-9. PMID: 8294678.
6. Hochman JS, **Brooks MM**, Morris M, Ahmad T. Prognostic significance of left ventricular aneurysm in the Cardiac Arrhythmia Suppression Trial (CAST) population. *American heart journal*. 1994 Apr; 127:824-32. PMID: 8154420.
7. Kennedy HL, **Brooks MM**, Barker AH, Bergstrand R, Huther ML, Beanlands DS, Bigger JT, Goldstein S. Beta-blocker therapy in the Cardiac Arrhythmia Suppression Trial. CAST Investigators. *The American Journal of Cardiology*. 1994 Oct 1; 74 (7):674-80. PMID: 7942525.
8. **Brooks MM**, Gorkin L, Schron EB, Wiklund I, Campion J, Ledingham RB. Moricizine and quality of life in the Cardiac Arrhythmia Suppression Trial II (CAST II). *Controlled Clinical Trials*. 1994 Dec; 15 (6):437-49. PMID: 7851106.
9. Goldstein S, **Brooks MM**, Ledingham R, Kennedy HL, Epstein AE, Pawitan Y, Bigger JT. Association between ease of suppression of ventricular arrhythmia and survival. *Circulation*. 1995 Jan 1; 91 (1):79-83. PMID: 7805221.
10. Josephson RA, Papa LA, **Brooks MM**, Morris M, Akiyama T, Greene HL. Effect of age on postmyocardial infarction ventricular arrhythmias (Holter Registry data from CAST I and CAST II). *Cardiovascular Arrhythmia Suppression Trials. The American Journal of Cardiology*. 1995 Oct 1; 76 (10):710-3. PMID: 7572631.
11. **Brooks MM**, Hallstrom A, Peckova M. A simulation study used to design the sequential monitoring plan for a clinical trial. *Statistics in Medicine*. 1995 Oct 30; 14 (20):2227-37. PMID: 8552899.
12. Peters RW, **Brooks MM**, Todd L, Liebson PR, Wilhelmsen L. Smoking cessation and arrhythmic death: the CAST experience. *The Cardiac Arrhythmia Suppression Trial (CAST) Investigators. Journal of the American College of Cardiology*. 1995 Nov 1; 26 (5):1287-92. PMID: 7594045.
13. Schron EB, **Brooks MM**, Gorkin L, Kellen JC, Morris M, Campion J, Shumaker SA, Corum J. Relation of sociodemographic, clinical, and quality-of-life variables to adherence in the cardiac arrhythmia suppression trial. *Cardio-vascular nursing*. 1996; 32 (2):1-6. PMID: 8697488.
14. The Bypass Angioplasty Revascularization Investigation (BARI) Study Group. Comparison of Coronary Bypass Surgery with Angioplasty in Patients with Multivessel Disease. *The New England Journal of Medicine*. 1996; 335 (4):217-25. PMID: 8657237.
15. Obias-Manno D, Friedmann E, **Brooks MM**, Thomas SA, Haakenson C, Morris M, Wimbush F, Somelofski C, Goldner F. Adherence and arrhythmic mortality in the cardiac arrhythmia suppression trial (CAST). *Annals of Epidemiology*. 1996 Mar; 6 (2):93-101. PMID: 8775589.
16. Hallstrom A, **Brooks MM**, Peckova M. Logrank, play the winner, power and ethics. *Statistics in Medicine*. 1996 Oct 30; 15 (20):2135-42. PMID: 8910958.
17. Peters RW, **Brooks MM**, Zoble RG, Liebson PR, Seals AA. Chronobiology of acute myocardial infarction: cardiac arrhythmia suppression trial (CAST) experience. *The American Journal of Cardiology*. 1996 Dec 1; 78 (11):1198-201. PMID: 8960574.
18. Shumaker SA, **Brooks MM**, Schron EB, Hale C, Kellen JC, Inkster M, Wimbush FB, Wiklund I, Morris M. Gender differences in health-related quality of life among postmyocardial infarction patients: brief report. *CAST Investigators. Cardiac Arrhythmia Suppression Trials. Women's Health (Hillsdale, N.J.)*. 1997; 3 (1):53-60. PMID: 9106370.
19. The Bypass Angioplasty Revascularization Investigation (BARI) Writing Group. Five-year clinical and

functional outcome comparing bypass surgery and angioplasty in patients with multivessel coronary disease. A multicenter randomized trial. *The Journal of the American Medical Association (JAMA)*. 1997;277(9):715-21. PMID: 9042843.

20. Hlatky MA, Rogers WJ, Johnstone I, Boothroyd D, **Brooks MM**, Pitt B, Reeder G, Ryan T, Smith H, Whitlow P, Wiens R, Mark DB. Medical care costs and quality of life after randomization to coronary angioplasty or coronary bypass surgery. *Bypass Angioplasty Revascularization Investigation (BARI) Investigators. The New England Journal of Medicine*. 1997 Jan 9; 336 (2):92-9. PMID: 8988886.
21. The Bypass Angioplasty Revascularization Investigation (BARI) Writing Group. Influence of diabetes on 5-year mortality and morbidity in a randomized trial comparing CABG and PTCA in patients with multivessel disease: the Bypass Angioplasty Revascularization Investigation (BARI). *Circulation*. 1997 Sep 16; 96 (6):1761-9. PMID: 9323059.
22. Hlatky MA, Bacon C, Boothroyd D, Mahanna E, Reves JG, Newman MF, Johnstone I, Winston C, **Brooks MM**, Rosen AD, Mark DB, Pitt B, Rogers W, Ryan T, Wiens R, Blumenthal JA. Cognitive function 5 years after randomization to coronary angioplasty or coronary artery bypass graft surgery. *Circulation*. 1997 Nov 4; 96:II-11-4; discussion II-15. PMID: 9386068.
23. Weiss JP, Blaivas JG, Stember DS, **Brooks MM**. Nocturia in adults: etiology and classification. *Neurourology and Urodynamics*. 1998; 17 (5):467-72. PMID: 9776009.
24. Sutton-Tyrrell K, Rihal C, Sellers MA, Burek K, Trudel J, Roubin G, **Brooks MM**, Grogan M, Sopko G, Keller N, Jandová R. Long-term prognostic value of clinically evident noncoronary vascular disease in patients undergoing coronary revascularization in the Bypass Angioplasty Revascularization Investigation (BARI). *The American Journal of Cardiology*. 1998 Feb 15; 81 (4):375-81. PMID: 9485122.
25. Jacobs AK, Kelsey SF, **Brooks MM**, Faxon DP, Chaitman BR, Bittner V, Mock MB, Weiner BH, Dean L, Winston C, Drew L, Sopko G. Better outcome for women compared with men undergoing coronary revascularization: a report from the bypass angioplasty revascularization investigation (BARI). *Circulation*. 1998 Sep 29; 98 (13):1279-85. PMID: 9751675.
26. **Brooks MM**, Jenkins LS, Schron EB, Steinberg JS, Cross JA, Paeth DS. Quality of life at baseline: is assessment after randomization valid? The AVID Investigators. *The Antiarrhythmics Versus Implantable Defibrillators. Medical Care*. 1998 Oct; 36 (10):1515-9. PMID: 9794344.
27. Hlatky MA, Boothroyd D, Horine S, Winston C, **Brooks MM**, Rogers W, Pitt B, Reeder G, Ryan T, Smith H, Whitlow P, Wiens R, Mark DB. Employment after coronary angioplasty or coronary bypass surgery in patients employed at the time of revascularization. *Annals of Internal Medicine*. 1998 Oct 1; 129 (7):543-7. PMID: 9758574.
28. Mullany CJ, Mock MB, **Brooks MM**, Kelsey SF, Keller NM, Sutton-Tyrrell K, Detre KM, Frye RL. Effect of age in the Bypass Angioplasty Revascularization Investigation (BARI) randomized trial. *The Annals of Thoracic Surgery*. 1999 Feb; 67 (2):396-403. PMID: 10197660.
29. Detre KM, Guo P, Holubkov R, Califf RM, Sopko G, Bach R, **Brooks MM**, Bourassa MG, Shemin RJ, Rosen AD, Krone RJ, Frye RL, Feit F. Coronary revascularization in diabetic patients: a comparison of the randomized and observational components of the Aypass Angioplasty Revascularization Investigation (BARI). *Circulation*. 1999 Feb 9; 99 (5):633-40. PMID: 9950660.
30. Hlatky MA, Boothroyd DB, **Brooks MM**, Winston C, Rosen A, Rogers WJ, Reeder GS, Smith HC, Ryan TJ, Pitt B, Whitlow PL, Wiens RD, Mark DB. Clinical correlates of the initial and long-term cost of coronary bypass surgery and coronary angioplasty. *American Heart Journal*. 1999 Aug; 138:376-83. PMID: 10426855.
31. Burek KA, Sutton-Tyrrell K, **Brooks MM**, Naydeck B, Keller N, Sellers MA, Roubin G, Jandová R, Rihal CS. Prognostic importance of lower extremity arterial disease in patients undergoing coronary revascularization in the Bypass Angioplasty Revascularization Investigation (BARI). *Journal of the American College of Cardiology*. 1999 Sep; 34 (3):716-21. PMID: 10483952.
32. **Brooks MM**, Detre KM. The design, patient population and outcomes from the Bypass Angioplasty

Revascularization Investigation (BARI) randomized trial and registries. *Seminars in Interventional Cardiology*: SIIC. 1999 Dec; 4 (4):191-9. PMID: 10738352.

33. Bourassa MG, **Brooks MM**, Mark DB, Trudel J, Detre KM, Pitt B, Reeder GS, Rogers WJ, Ryan TJ, Smith HC, Whitlow PL, Wiens RD, Hlatky MA. Quality of life after coronary revascularization in the United States and Canada. *The American Journal of Cardiology*. 2000 Mar 1; 85 (5):548-53. PMID: 11078265.
34. Detre KM, Lombardero MS, **Brooks MM**, Hardison RM, Holubkov R, Sopko G, Frye RL, Chaitman BR. The effect of previous coronary-artery bypass surgery on the prognosis of patients with diabetes who have acute myocardial infarction. *Bypass Angioplasty Revascularization Investigation Investigators*. *The New England Journal of Medicine*. 2000 Apr 6; 342 (14):989-97. PMID: 10749960.
35. **Brooks MM**, Jones RH, Bach RG, Chaitman BR, Kern MJ, Orszulak TA, Follmann D, Sopko G, Blackstone EH, Califf RM. Predictors of mortality and mortality from cardiac causes in the bypass angioplasty revascularization investigation (BARI) randomized trial and registry. For the BARI Investigators. *Circulation*. 2000 Jun 13; 101 (23):2682-9. PMID: 10851204.
36. Feit F, **Brooks MM**, Sopko G, Keller NM, Rosen A, Krone R, Berger PB, Shemin R, Attubato MJ, Williams DO, Frye R, Detre KM. Long-term clinical outcome in the Bypass Angioplasty Revascularization Investigation Registry: comparison with the randomized trial. *BARI Investigators*. *Circulation*. 2000 Jun 20; 101 (24):2795-802. PMID: 10859284.
37. The BARI Investigators. Seven-year outcome in the Bypass Angioplasty Revascularization Investigation (BARI) by treatment and diabetic status. *Journal of the American College of Cardiology*. 2000; 35:1103-1402.
38. Gibbons RJ, Miller DD, Liu P, Guo P, **Brooks MM**, Schwaiger M. Similarity of ventricular function in patients alive 5 years after randomization to surgery or angioplasty in the BARI trial. *Circulation*. 2001 Feb 27; 103 (8):1076-82. PMID: 11222469.
39. Hassan SA, Hlatky MA, Boothroyd DB, Winston C, Mark DB, **Brooks MM**, Eagle KA. Outcomes of noncardiac surgery after coronary bypass surgery or coronary angioplasty in the Bypass Angioplasty Revascularization Investigation (BARI). *The American Journal of Medicine*. 2001 Mar; 110 (4):260-6. PMID: 11239843.
40. Kip KE, Alderman EL, Bourassa MG, **Brooks MM**, Schwartz L, Holmes DR Jr, Califf RM, Whitlow PL, Chaitman BR, Detre KM. Differential influence of diabetes mellitus on increased jeopardized myocardium after initial angioplasty or bypass surgery: bypass angioplasty revascularization investigation. *Circulation*. 2002 Apr 23; 105 (16):1914-20. PMID: 11997277.
41. Peters RW, Zoble RG, **Brooks MM**. Onset of acute myocardial infarction during sleep. *Clinical Cardiology*. 2002 May; 25 (5):237-41. PMID: 12018882.
42. Szczech LA, Best PJ, Crowley E, **Brooks MM**, Berger PB, Bittner V, Gersh BJ, Jones R, Califf RM, Ting HH, Whitlow PJ, Detre KM, Holmes D, Bypass Angioplasty Revascularization Investigation (BARI) Investigators. Outcomes of patients with chronic renal insufficiency in the bypass angioplasty revascularization investigation. *Circulation*. 2002 May 14; 105 (19):2253-8. PMID: 12010906.
43. Jacobs AK, Johnston JM, Haviland A, **Brooks MM**, Kelsey SF, Holmes DR Jr, Faxon DP, Williams DO, Detre KM. Improved outcomes for women undergoing contemporary percutaneous coronary intervention: a report from the National Heart, Lung, and Blood Institute Dynamic registry. *Journal of the American College of Cardiology*. 2002 May 15; 39 (10):1608-14. PMID: 12020487.
44. Srinivas VS, **Brooks MM**, Detre KM, King SB 3rd, Jacobs AK, Johnston J, Williams DO. Contemporary percutaneous coronary intervention versus balloon angioplasty for multivessel coronary artery disease: a comparison of the National Heart, Lung and Blood Institute Dynamic Registry and the Bypass Angioplasty Revascularization Investigation. *Circulation*. 2002 Sep 24; 106 (13):1627-33. PMID: 12270854.
45. Frye RL, **Brooks MM**, Nesto RW, Bypass Angioplasty Revascularization Investigation. Gap between clinical trials and clinical practice: lessons from the Bypass Angioplasty Revascularization

Investigation (BARI). *Circulation* 16 Apr 2003; 107(14): 1837-9. PMID: 12695282.

46. Foraida MI, DeVita MA, Braithwaite RS, Stuart SA, **Brooks MM**, Simmons RL. Improving the utilization of medical crisis teams (Condition C) at an urban tertiary care hospital. *Journal of Critical Care*. 2003 Jun; 18 (2):87-94. PMID: 12800118.
47. Hlatky MA, Boothroyd DB, Melsop KA, **Brooks MM**, Mark DB, Pitt B, Reeder GS, Rogers WJ, Ryan TJ, Whitlow PL, Wiens RD. Medical costs and quality of life 10 to 12 years after randomization to angioplasty or bypass surgery for multivessel coronary artery disease. *Circulation*. 2004 Oct 5; 110 (14):1960-6. PMID: 15451795.
48. Boudreaux MY, Talbott EO, Kip KE, **Brooks MM**, Witchel SF. Risk of T2DM and impaired fasting glucose among PCOS subjects: results of an 8-year follow-up. *Current Diabetes Reports*. 2006 Feb; 6 (1):77-83. PMID: 16522285.
49. Piatt GA, Orchard TJ, Emerson S, Simmons D, Songer TJ, **Brooks MM**, Korytkowski M, Siminerio LM, Ahmad U, Zgibor JC. Translating the chronic care model into the community: results from a randomized controlled trial of a multifaceted diabetes care intervention. *Diabetes Care*. 2006 Apr; 29 (4):811-7. PMID: 16567820.
50. **Brooks MM**, Frye RL, Genuth S, Detre KM, Nesto R, Sobel BE, Kelsey SF, Orchard TJ, Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Trial Investigators. Hypotheses, design, and methods for the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Trial. *The American Journal of Cardiology*. 2006 Jun 19; 97:9G-19G. PMID: 16813734.
51. Barsness GW, Gersh BJ, **Brooks MM**, Frye RL, BARI 2D Trial Investigators. Rationale for the revascularization arm of the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Trial. *The American Journal of Cardiology*. 2006 Jun 19; 97:31G-40G. PMID: 16813736.
52. Girnita DM, Webber SA, Ferrell R, Burckart GJ, **Brooks MM**, McDade KK, Chinnock R, Canter C, Addonizio L, Bernstein D, Kirklin JK, Girnita AL, Zeevi A. Disparate distribution of 16 candidate single nucleotide polymorphisms among racial and ethnic groups of pediatric heart transplant patients. *Transplantation*. 2006 Dec 27; 82 (12):1774-80. PMID: 17198275.
53. **Brooks MM**, Alderman EL, Bates E, Bourassa M, Califf R, Chaitman B, Detre K, Feit F, Gibbons R, Hardison RM, Hlatky MA, Holmes DA, Jacobs AK, Kelsey SF, Krauland M, Rogers WJ, Schaff HV, Schwartz L, Sutton-Tyrrell K, Williams DO, Whitlow PL. The Final 10 Year Follow-up Results from the BARI Randomized Trial. *The Journal of the American College of Cardiology*. 2007 Apr; 49 (15):1600 - 1606. PMID: 17433949.
54. Holmes DR Jr, Kim LJ, **Brooks MM**, Kip KE, Schaff HV, Detre KM, Frye RL, Bypass Angioplasty Revascularization Investigation (BARI) Investigators. The effect of coronary artery bypass grafting on specific causes of long-term mortality in the Bypass Angioplasty Revascularization Investigation. *The Journal of Thoracic and Cardiovascular Surgery*. 2007 Jul; 134 (1):38-46, 46.e1. PMID: 17599484.
55. Holper EM, **Brooks MM**, Kim LJ, Detre KM, Faxon DP, BARI Investigators. Effects of heart failure and diabetes mellitus on long-term mortality after coronary revascularization (from the BARI Trial). *The American Journal of Cardiology*. 2007 Jul 15; 100 (2):196-202. PMID: 17631069.
56. DeVita MA, **Brooks MM**, Zawistowski C, Rudich S, Daly B, Chaitin E. Donors after cardiac death: validation of identification criteria (DVIC) study for predictors of rapid death. *American Journal of Transplantation: official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*. 2008 Feb; 8 (2):432-41. PMID: 18190657. PMCID: N/A.
57. Bryan CJ, Songer TJ, **Brooks MM**, Thase ME, Gaynes BN, Klinkman M, Rush AJ, Trivedi MH, Fava M, Wisniewski SR. A comparison of baseline sociodemographic and clinical characteristics between major depressive disorder patients with and without diabetes: a STAR*D report. *Journal of Affective Disorders*. 2008; 108:113-20. PMID: 18037497.
58. Girnita DM, **Brooks MM**, Webber SA, Burckart GJ, Ferrell R, Zdanowicz G, DeCroo S, Smith L, Chinnock R, Canter C, Addonizio L, Bernstein D, Kirklin JK, Ranganathan S, Naftel D, Girnita AL,

Zeevi A. Genetic polymorphisms impact the risk of acute rejection in pediatric heart transplantation: a multi-institutional study. *Transplantation*. 2008 Jun 15; 85 (11):1632-9. PMID: 18551071.

59. Bypass Angioplasty Revascularization Investigation 2 Diabetes Study Group. Baseline characteristics of patients with diabetes and coronary artery disease enrolled in the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) trial. *American Heart Journal*. 2008 Sep; 156 (3):528-536, 536.e1-5. PMID: 18760137. PMCID: PMC2701266. **Corresponding author: Maria Mori Brooks, PhD.**
60. Longenberger A, Lim JY, Orchard T, **Brooks MM**, Brach J, Mertz K, Kingsley LA. Self-reported low physical function is associated with diabetes mellitus and insulin resistance in HIV-positive and HIV-negative men. *Future HIV Therapy*. 2008 Nov; 2 (6):539-549. PMID: 23805164. PMCID: PMC3690631.
61. Bryan C, Songer T, **Brooks MM**, Thase ME, Gaynes B, Klinkman M, Balasubramani GK, Rush AJ, Trivedi MH, Fava M, Wisniewski SR. Do depressed patients with diabetes experience more side effects when treated with Citalopram Than their counterparts without diabetes? a STAR*D study. *Primary Care Companion to the Journal of Clinical Psychiatry*. 2009; 11 (5):186-96. PMID: 19956455. PMCID: PMC2781029.
62. Balk JL, Chung SC, Beigi R, **Brooks M**. Brief relaxation training program for hospital employees. *Hospital Topics*. 2009; 87 (4):8-13. PMID: 19917546. PMCID: N/A.
63. Hlatky MA, Boothroyd DB, Bravata DM, Boersma E, Booth J, **Brooks MM**, Carrié D, Clayton TC, Danchin N, Flather M, Hamm CW, Hueb WA, Kähler J, Kelsey SF, King SB, Kosinski AS, Lopes N, McDonald KM, Rodriguez A, Serruys P, Sigwart U, Stables RH, Owens DK, Pocock SJ. Coronary artery bypass surgery compared with percutaneous coronary interventions for multivessel disease: a collaborative analysis of individual patient data from ten randomised trials. *Lancet*. 2009 Apr 4; 373 (9670):1190-7. PMID: 19303634. PMCID: N/A.
64. Melsop K, **Brooks MM**, Boothroyd DB, Hlatky MA. Effect of race on the clinical outcomes in the bypass angioplasty revascularization investigation trial. *Circulation. Cardiovascular Quality and Outcomes*. 2009 May; 2 (3):186-90. PMID: 20031836. PMCID: PMC2783640.
65. Schneider DJ, Hardison RM, Lopes N, Sobel BE, **Brooks MM**, Pro-Thrombosis Ancillary Study Group. Association between increased platelet P-selectin expression and obesity in patients with type 2 diabetes: a BARI 2D (Bypass Angioplasty Revascularization Investigation 2 Diabetes) substudy. *Diabetes Care*. 2009 May; 32 (5):944-9. PMID: 19228864. PMCID: PMC2671133.
66. Kim LJ, King SB 3rd, Kent K, **Brooks MM**, Kip KE, Abbott JD, Jacobs AK, Rihal C, Hueb WA, Alderman E, Sing IR, Attubato MJ, Feit F, BARI 2D (Bypass Angioplasty Revascularization Investigation Type 2 Diabetes) Study Group. Factors related to the selection of surgical versus percutaneous revascularization in diabetic patients with multivessel coronary artery disease in the BARI 2D (Bypass Angioplasty Revascularization Investigation in Type 2 Diabetes) trial. *JACC. Cardiovascular Interventions*. 2009 May; 2 (5):384-92. PMID: 19463459. PMCID: PMC3625397.
67. Frye RL, August P, **Brooks MM**, Hardison RM, Kelsey SF, MacGregor JM, Orchard TJ, Chaitman BR, Genuth SM, Goldberg SH, Hlatky MA, Jones TL, Molitch ME, Nesto RW, Sako EY, Sobel BE. The Bypass Angioplasty Revascularization Investigation (BARI) Study Group. A randomized trial of therapies for type 2 diabetes and coronary artery disease. *The New England Journal of Medicine*. 2009 Jun 11; 360 (24):2503-15. PMID: 19502645. PMCID: PMC2863990. **Corresponding author: Maria Mori Brooks, PhD.**
68. Girnita DM, Webber SA, **Brooks MM**, Ferrell R, Girnita AL, Burckart GJ, Chinnock R, Canter C, Addonizio L, Bernstein D, Kirklin JK, Naftel D, Zeevi A. Genotypic variation and phenotypic characterization of granzyme B gene polymorphisms. *Transplantation*. 2009 Jun 27; 87 (12):1801-6. PMID: 19543056. PMCID: PMC2739874.
69. Hosseini SM, Biglan MW, Larkby C, **Brooks MM**, Gorin MB, Day NL. Trait anxiety in pregnant women predicts offspring birth outcomes. *Paediatric and Perinatal Epidemiology*. 2009 Nov; 23 (6):557-66. PMID: 19840292. PMCID: N/A.

70. Kramer MK, Kriska AM, Venditti EM, Miller RG, **Brooks MM**, Burke LE, Siminerio LM, Solano FX, Orchard TJ. Translating the Diabetes Prevention Program: a comprehensive model for prevention training and program delivery. *American Journal of Preventive Medicine*. 2009 Dec; 37 (6):505-11. PMID: 19944916. PMCID: N/A.
71. Hlatky MA, Boothroyd DB, Melsop KA, Kennedy L, Rihal C, Rogers WJ, Venkitachalam L, **Brooks MM**, Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Study Group. Economic outcomes of treatment strategies for type 2 diabetes mellitus and coronary artery disease in the Bypass Angioplasty Revascularization Investigation 2 Diabetes trial. *Circulation*. 2009 Dec 22; 120 (25):2550-8. PMID: 19920002. PMCID: PMC340384
72. Piatt GA, Anderson RM, **Brooks MM**, Songer T, Siminerio LM, Korytkowski MM, Zgibor JC. 3-year follow-up of clinical and behavioral improvements following a multifaceted diabetes care intervention: results of a randomized controlled trial. *The Diabetes Educator*. 2010; 36 (2):301-9. PMID: 20200284. PMCID: N/A.
73. Bryan C, Songer T, **Brooks MM**, Rush AJ, Thase ME, Gaynes B, Balasubramani GK, Trivedi MH, Fava M, Wisniewski SR. The impact of diabetes on depression treatment outcomes. *General Hospital Psychiatry*. 2010; 32 (1):33-41. PMID: 20114126. PMCID: NIHMS136373.
74. Grogan M, Jenkins M, Sansing VV, MacGregor J, **Brooks MM**, Julien-Williams P, Amendola A, Abbott JD, BARI 2D Study Group. Health insurance status and control of diabetes and coronary artery disease risk factors on enrollment into the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) trial. *The Diabetes Educator*. 2010; 36 (5):774-83. PMID: 20584997. PMCID: N/A.
75. Rana JS, Hardison RM, Pop-Busui R, **Brooks MM**, Jones TL, Nesto RW, Bourassa MG, BARI 2D Investigators. Resting heart rate and metabolic syndrome in patients with diabetes and coronary artery disease in bypass angioplasty revascularization investigation 2 diabetes (BARI 2D) trial. *Preventive Cardiology*. 2010; 13 (3):112-6. PMCID: N/A. PMID: 20626665.
76. Hlatky MA, Chung SC, Escobedo J, Hillegass WB, Melsop K, Rogers W, **Brooks MM**, BARI 2D Study Group. The effect of obesity on quality of life in patients with diabetes and coronary artery disease. *American Heart Journal*. 2010 Feb; 159 (2):292-300. PMCID: N/A. PMID: 20152229.
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153. Everett BM, **Brooks MM**, Vlachos HE, Chaitman BR, Frye RL, Bhatt DL; BARI 2D Study Group. Sex Differences in Cardiac Troponin and the Risk of Death or Major Cardiovascular Events. *J Am Coll Cardiol*. 2016 Aug 30;68(9):978-80. PMID: 27561773. PMCID: PMC Journal – In Process.
154. Singh A, **Brooks MM**, Voorhees RE, Potter MA, Roberts MS, Luther JF, Wisniewski SR. Cost-Effective Drug Switch Options After Unsuccessful Treatment With an SSRI for Depression. *Psychiatr Serv*. 2017 Jan 1;68(1):81-87. PMID: 27524365. PMCID: PMC Journal – In Process.
155. Ritter AC, Wagner AK, Szaflarski JP, **Brooks MM**, Zafonte RD, Pugh MJ, Fabio A, Hammond FM, Dreer LE, Bushnik T, Walker WC, Brown AW, Johnson-Greene D, Shea T, Krellman JW, Rosenthal JA. Prognostic models for predicting posttraumatic seizures during acute hospitalization, and at 1 and 2 years following traumatic brain injury *Epilepsia*. 2016 Sep;57(9):1503-14. PMID: 27430564. PMCID: PMC Journal – In Process.

156. Tepper PG, ***Brooks MM**, Randolph JF Jr, Crawford SL, El Khoudary SR, Gold EB, Lasley BL, Jones B, Joffe H, Hess R, Avis NE, Harlow S, McConnell DS, Bromberger JT, Zheng H, Ruppert K, Thurston RC. Characterizing the trajectories of vasomotor symptoms across the menopausal transition. *Menopause*. 2016 Oct;23(10):1067-74. PMID: 27404029. PMCID: PMC5028150.
157. El Khoudary SR, Hutchins PM, Matthews KA, **Brooks MM**, Orchard TJ, Ronsein GE, Heinecke JW. Cholesterol Efflux Capacity and Subclasses of HDL Particles in Healthy Women Transitioning Through Menopause. *J Clin Endocrinol Metab*. 2016 Sep;101(9):3419-28. PMID: 27399353. PMCID: PMC5010578.
158. Avis NE, Colvin A, Karlamangla AS, Crawford S, Hess R, Waetjen LE, **Brooks M**, Tepper PG, Greendale GA. Change in sexual functioning over the menopausal transition: results from the Study of Women's Health Across the Nation. *Menopause*. 2017 Apr;24(4):379-390. PMID: 27801705. PMCID: PMC5365345
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160. Strotmeyer S Jr, Coben JH, Fabio A, Songer T, **Brooks M**. Epidemiology of Muay Thai fight-related injuries. *Inj Epidemiol*. 2016 Dec;3(1):30. PMID: 27917452. PMCID: PMC5149460.
161. Matthews KA, El Khoudary SR, **Brooks MM**, Derby CA, Harlow SD, Barinas-Mitchell EJ, Thurston RC. Lipid Changes Around the Final Menstrual Period Predict Carotid Subclinical Disease in Postmenopausal Women. *Stroke*. 2017 Jan;48(1):70-76. PMID: 27909203. PMCID: PMC5183479.
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165. VoPham T, Bertrand KA, Hart JE, Laden F, **Brooks MM**, Yuan JM, Talbott EO, Ruddell D, Chang CH, Weissfeld JL. Pesticide exposure and liver cancer: a review. *Cancer Causes Control*. 2017 Mar; 28(3):177-190. PMID:28194594. PMCID: PMC5336347
166. Damluji AA, Cohen ER, Moscucci M, Myerburg RJ, Cohen MG, **Brooks MM**, Rich MW, Forman DE. Insulin provision therapy and mortality in older adults with diabetes mellitus and stable ischemic heart disease: Insights from BARI-2D trial. *Int J Cardiol*. 2017 Aug 15;241:35-40. PMID:28314486. PMCID: N/A
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172. Ward WT, Friel NA, Kenkre TS, **Brooks MM**, Londino JA, Roach JW. SRS-22r Scores in Nonoperated Adolescent Idiopathic Scoliosis Patients With Curves Greater Than Forty Degrees. *Spine (Phila Pa 1976).* 2017 Aug 15;42(16):1233-1240. PMID: 28796720. PMCID: N/A
173. Cortés YI, Catov JM, **Brooks M**, Harlow SD, Isasi CR, Jackson EA, Matthews KA, Thurston RC, Barinas-Mitchell E. History of Adverse Pregnancy Outcomes, Blood Pressure, and Subclinical Vascular Measures in Late Midlife: SWAN (Study of Women's Health Across the Nation). *J Am Heart Assoc.* 2017 Dec 29;7(1). pii: e007138. doi: 10.1161/JAHA.117.007138. PMID: 29288157. PMCID: PMC5778964
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175. Chaitman BR, **Mori Brooks M**, Fox K, Lüscher TF. ORBITA revisited: what it really means and what it does not? *Eur Heart J.* 2018 Mar 14;39(11):963-965. PMID: 29324991. PMC Journal – In Process.
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177. Hernandez I, Brooks MM, Zhang Y, He M, Exposure-Response Association Between Concurrent Opioid and Benzodiazepine Use and Risk of Opioid-Related Overdose in Medicare Part D Beneficiaries. *JAMA Netw Open.* 2018 Jun 1;1(2):e180919. PMID: 30646080. PMCID: PMC6324417.
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179. Pallisgaard JL, **Brooks MM**, Chaitman B, Boothroyd DB, Perez M, Hlatky MA; BARI 2D Study Group. Thiazolidinediones and Risk of Atrial Fibrillation among Patients with Diabetes and Coronary Disease. *Am J Med.* 2018 Jul;131(7):805-812. PMID: 29581079. PMC Journal – In Process.
180. Duan C, Talbott E, **Brooks M**, Park SK, Broadwin R, Matthews K, Barinas-Mitchell E. Five-year exposure to PM_{2.5} and ozone and subclinical atherosclerosis in late midlife women: The Study of Women's Health Across the Nation. *Int J Hyg Environ Health.* 2019 Mar;222(2):168-176. PMID: 30236459. PMCID: PMC6408975.
181. Rezende PC, Everett BM, **Brooks MM**, Vlachos H, Orchard TJ, Frye RL, Bhatt DL, Hlatky MA. Hypoglycemia and Elevated Troponin in Patients With Diabetes and Coronary Artery Disease. *J Am Coll Cardiol.* 2018 Oct 9;72(15):1778-1786. PMID: 30286920. PMCID: PMC Journal – In Process.
182. Orkis LT, Peterson ER, **Brooks MM**, Mertz KJ, Harrison LH, Stout JE, Greene SK. Simulation of Legionnaires' disease prospective spatiotemporal cluster detection, Allegheny County, Pennsylvania, USA. *Epidemiol Infect.* 2018 Oct 18;1-9. PMID: 30334502. PMCID: PMC Journal – In

Process.

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185. Farkouh ME, Mandeep S, Sidhu, **Brooks MM**, Vlachos H, Boden WE, Frye RL, Hartigan P, Siami FS, Bittner VA, Chaitman BR, Mancini GBJ, Fuster V. Impact of Chronic Kidney Disease on Outcomes of Myocardial Revascularization in Patients With Diabetes. *J Am Coll Cardiol*. 2019 Feb 5;73(4):400-411. PMID: 30704571. PMCID: PMC Journal – In Process.
186. Duan C, Talbott E, Broadwin R, **Brooks M**, Matthews K, Barinas-Mitchell E. Residential Exposure to PM_{2.5} and Ozone and Progression of Subclinical Atherosclerosis Among Women Transitioning Through Menopause: The Study of Women's Health Across the Nation. *J Womens Health (Larchmt)*. 2019 Feb 7. doi: 10.1089/jwh.2018.7182. PMID: 30730252. PMCID: PMC Journal – In Process.
187. Johnson CR, Brown K, Hyman SL, **Brooks MM**, Aponte C, Levato L, Schmidt B, Evans V, Huo Z, Bendixen R, Eng H, Sax T, Smith T. Parent Training for Feeding Problems in Children With Autism Spectrum Disorder: Initial Randomized Trial. *J Pediatr Psychol*. 2019 Mar 1;44(2):164-175. PMID: 30101320. PMCID: PMC6365095.
188. Modugno F, Goughnour SL, Wallack D, Edwards RP, Odunsi K, Kelley JL, Moysich K, Ness RB, **Brooks MM**. Breastfeeding factors and risk of epithelial ovarian cancer. *Gynecol Oncol*. 2019 Apr;153(1):116-122. PMID: 30686553. PMCID: PMC Journal – In Process.

Books, Book Chapters, Monographs

1. Detre KM, Brooks RC, **Brooks MM**. Comparison of angioplasty and coronary bypass surgery in diabetics: seven-year outcome of the BARI trial. In: Braunwald E, editor. *Harrison's Advances in Cardiology*. New York: McGraw-Hill, 2002. 266-271.

Other Publications

1. Detre KM, Brooks RC, **Brooks MM**. Comparison of angioplasty and coronary bypass surgery in diabetics: seven-year outcome of the BARI trial. *Harrison's Online*, 2000.
2. Srinivas VS, **Brooks MM**, Detre KM, Johnston J, King SB 3rd, Jacobs AK, Williams DO. A decade of improvement in the clinical outcomes of percutaneous coronary intervention for multivessel coronary artery disease. *Circulation* 09 Apr 2003; 107(13): e88. PMID: 12682034.
3. Piatt GA, Zgibor JC, **Brooks MM**. Translating the Chronic Care Model into the Community: Results From a Randomized Controlled Trial of a Multifaceted Diabetes Care Intervention: Response to Belalcazar and Swank. [Letter]*Diabetes Care* 2006; 29 (12):2762.
4. **Brooks MM**. Association between body mass index and acute traumatic workplace injury in hourly manufacturing employees. *American Journal of Epidemiology*. 2008; 167:123.
5. **Brooks MM**, Chaitman BR, Molitch ME. "Therapies for Type 2 Diabetes and Coronary Artery Disease: The Authors reply." *New England Journal of Medicine*. 2009; 361:1407-10.
6. Carson JL, **Brooks MM**, Abbott JD, Kelsey SF, Triulzi DJ, Menegus MA, Marroquin OC, Rao SV, Smitherman T, Vagaonescu T, Wimmer NJ, Williams DO. Response to Dr Sandar et al. *American Heart Journal*. 2013;166(4):e27-e8.
7. Bach RG, **Brooks MM**, Lombardero M, Genuth S, Donner TW, Garber A, Kennedy L, Monrad ES,

Pop-Busui R, Kelsey SF, Frye RL. Response to letter regarding article, "Rosiglitazone and Outcomes for Patients With Diabetes Mellitus and Coronary Artery Disease in the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Trial". *Circulation*. 2014;129(16):e460-1. PMID: 24753557.

8. Everett BM, **Brooks MM**, Bhatt DL. Troponin in Stable Ischemic Heart Disease and Diabetes. *N Engl J Med*. 2015 Nov 12;373(20):1978-9. PMID: 26559577.

INVITED PRESENTATIONS

1. Wakim P, **Brooks MM**, Neely JG, Friedman LM. Is a null result a failure? Can anything good come out of null results? Presented at the 30th Annual Meeting of the Society for Clinical Trials, 2009 May 3-6, Atlanta, Georgia.
2. **Brooks MM**. Revascularization of Patients with Diabetes Mellitus: Building on BARI-2D. Presented at the Transcatheter Cardiovascular Therapeutics (TCT) Conference, 2010 Sep 23, Washington DC.
3. **Brooks MM**. Rosiglitazone use and cardiovascular outcomes in patients with Type 2 diabetes and coronary artery disease in the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Trial. Presented at the Food and Drug Administration (FDA), Center for Drug Evaluation and Research: Joint Meeting of the Endocrinologic and Metabolic Drugs Advisory Committee and Drug Safety and Risk Management Advisory Committee, 2010 Jul 13, Gaithersburg, Maryland.
4. **Brooks MM**. Cardiovascular Disease & Insulin Resistance: Insights from the BARI 2D Trial. Invited Session. Presented at the 8th Annual World Congress Insulin Resistance (WCIR) Diabetes and Cardiovascular Disease, 2010 Nov 6, Los Angeles, California.
5. **Brooks MM**. What we have learned from the BARI 2D trial: The impact of insulin sensitizing compared with insulin providing drugs. Presented at the 9th Annual World Congress Insulin Resistance (WCIR) Diabetes and Cardiovascular Disease, 2011 Nov 5, Los Angeles, California.
6. **Brooks MM**. Clinical Trials – Brooks MM. The BARI 2D Trial Experience. Presented at the Cardiovascular Outcomes Research Workshop / Retreat, University of Pittsburgh, 2016 Jan 6, Pittsburgh, PA.
7. **Brooks MM**. The Quest to Identify Patient Groups who Benefit from a given Treatment Strategy: the BARI 2D Experience. Presented at the Johns Hopkins School of Public Health, Center for Clinical Trials and Evidence Synthesis, 2018 Feb 1, Baltimore, MD
8. **Brooks MM**. Different Tools for Different Purposes: The Role of Well-designed Cohort Studies and Clinical Trials. Presented at the Women in Data Science Pittsburgh at Carnegie Mellon University, Statistics & Data Science, 2018 March 9, Pittsburgh, PA

OTHER SELECTED PRESENTATIONS

1. **Brooks MM**. Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Baseline Results and Future Plans. Presented at the Cardiology Grand Rounds, University of Pittsburgh, 2008 Sep 9.
2. **Brooks MM**. Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Baseline Results and Future Plans. Presented at the Endocrinology Grand Rounds, Case Western Reserve University; 2008 Nov 19.
3. **Brooks MM**, Nesto R, Sako E, Frye R, Orchard TJ, Kelsey SF. The results from the Bypass Angioplasty Revascularization Investigation 2 Diabetes clinical trial. Presented at the 8th International Congress on Coronary Artery Disease, 2009 Oct 14, Prague, Czech Republic.
4. **Brooks MM**, Escobedo J, Chung SC, Hillegeass W, Massaro E, Melsop K, Helmy T, McBane R, Hyde P, Hlatky MA. Quality of life results in the Bypass Angioplasty Revascularization Investigation 2 Diabetes Trial. Presented at the American Heart Association, 2009 Nov 17, Orlando, Florida.
5. Bach R, Lombardero **Brooks MM**, Genuth SM, Donner TW, Garber AJ, Jones TLZ, Kennedy L, Monrad ES, Pop-Busui R, Kelsey SF, Frye RL. Rosiglitazone and Outcomes for Patients With Diabetes and Coronary Artery Disease in the BARI 2D Trial. Presented at the 70th American Diabetes

Association Scientific Sessions, 2010, Orlando, Florida.

6. Nesto RW, **Brooks MM**, Hardison RM, Sako E, Feit F, Davidson C, Chaitman BR, Gersh BJ, Garber AM, King SB, Frye RL. Angiographic Criteria Determine Effectiveness of CABG among Patients with Diabetes and Stable Ischemic Heart Disease: Results from Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Trial. Presented at the Scientific Sessions of the American Heart Association, 2010 Nov 13-17, Chicago, IL.
7. **Brooks MM**, Nesto RW, Hardison RM, Frye RL, Chaitman BR. BARI 2D Study Group. Angiographic Criteria Determine Effectiveness of CABG Among Patients With Diabetes and Stable Ischemic Heart Disease: Results From BARI 2D. Presented at the 9th International Congress on Coronary Artery Disease, 2011 Oct 26, Prague, Venice, Italy.
8. **Brooks MM**, Smith AJ. From Controversy to Consensus in Cardiovascular Care: An Interactive forum for General Practitioners and Cardiologists. Session: COURAGE and BARI 2D: Putting PCI in the Proper Context. Presented at the University of Pittsburgh Medical Center, University of Pittsburgh; 2011 May 20-22, Nemacon Woodlands, Farmington, PA.
9. **Brooks MM**. Diagnosing Causality: Reviewing a Manuscript from a Statistical Point of View. Presented at the Infectious Disease Journal Club, 2012 Dec 4, Scaife Hall, University of Pittsburgh Medical Center.
10. **Brooks MM**. All I Need is a Quick Sample Size. Presented at: Design, Biostatistics and Epidemiology Workshop: All I Need is a Quick Sample Size. 2012 Mar 13, University of Pittsburgh, Clinical Translational Science Institute.
11. **Brooks MM**. Cardiovascular Care, Quality, & Outcomes in the New Era of Health Care: An Interactive Forum for General Practitioners & Cardiologists. Presented at the University of Pittsburgh Medical Center, University of Pittsburgh, 2012 Jun 23-24, Nemacon Woodlands, Farmington, PA.
12. **Brooks MM**, Singh M, Hardison RM, Chaitman BR. Predictors of Mortality, Myocardial Infarction and Stroke among Patients with Diabetes and Stable Ischemic Heart Disease: Results from BARI 2D. Presented at the 10th International Congress on Coronary Artery Disease (ICCAD), 2013 Oct 14, Florence, Italy.
13. **Brooks MM**. Study Design Issues for Infectious Disease Clinical Research. Presented at the Infectious Disease Journal Club, 2013 Nov 5, Scaife Hall, University of Pittsburgh Medical Center.
14. **Brooks MM**, Chaitman BR, Singh M, Vlachos H, Steiner G, Krishnaswami A, Orchard TJ, Feit F, Rihal C, Marroquin O. Predictors of Cardiovascular and Non-Cardiovascular Death: From the Clinic to the Lab. Presented at the American Heart Association, 2014 Nov 19, Chicago, IL
15. Mancini GBJ, Farkouh ME, Chaitman BR, Boden WE, Frye RL, Hartigan PM, Vlachos H, Siami FS, Sidhu MS, Bittner VA, Fuster V, **Brooks MM**. Comparative Assessment of Medical Therapy, PCI, or CABG on Clinical Outcomes in Diabetic Patients with Stable CAD According to Coronary Angiography and Left Ventricular Function: Patient-level Pooled-Analysis of the BARI 2D, COURAGE and FREEDOM Trials. Presented at the American Heart Association, 2015 Nov 9, Orlando, FL

RESEARCH

Current research support

Funding Agency: NIH/NIA
Grant Number: U01AG012553-20
Title of Grant: Study of Women's Health Across the Nation (SWAN) Coordinating Center
Principal Investigator: Maria Mori Brooks, Ph.D.
Role on Grant: PI (sole)
Years Inclusive: 09/15/2014 - 06/30/2019
Total Direct Costs: \$1,456,810

Funding Agency: NIH/NHLBI
Grant Number: U01 HL132853
Title of Grant: Myocardial Ischemia and Transfusion (MINT) Data Coordinating Center
Principal Investigator: Maria Mori Brooks, Ph.D.
Role on Grant: PI (sole)
Years inclusive: 09/01/2016-05/31/2021
Total Direct Costs: \$384,394

Funding Agency: NIH/NIMH
Grant Number: R01 MH112416
Title of Grant: Impact of Representative Payee Services on ART Adherence
Principal Investigator: Mary E. Hawk, Dr.PH
Role on Grant: Co-Investigator
Years inclusive: 05/05/2017-03/31/2022
Total Direct Costs: \$117,948

Funding Agency: NIH/NHLBI
Grant Number: U01 HL128954
Title of Grant: Network Management Core (NEMO) for the Pulmonary Trials Cooperative
Principal Investigator: Stephen R. Wisniewski, Ph.D.
Role on Grant: Co-Investigator
Years Inclusive: 08/01/2015-07/31/2020
Total Direct Costs: \$4,640,911

Funding Agency: NIH/NHLBI
Grant Number: R01 HL127107
Title of Grant: Neuro-vascular Determinants of Cognition in Adults with Sickle Cell Disease
Principal Investigator: Enrico Novelli, M.D.
Role on Grant: Co-Investigator
Years Inclusive: 04/15/2016 - 03/31/2021
Total Direct Costs: \$470,232

Funding Agency: NIH/NHLBI
Grant Number: R21 HL140011
Title of Grant: Effects of Hormone Therapy on Heart Fat and Atherosclerosis Progression in Early Postmenopausal Women from the KEEPS Trial
Principal Investigator: Samar R. El Khoudary, Ph.D.
Role on Grant: Co-Investigator
Years Inclusive: 09/15/2017 - 08/31/2019
Total Direct Costs: \$75,000.00

Funding Agency: NIH

Grant Number: R01 AG058690
Title of Grant: Compositional and Functional Alterations of HDL Over Ovarian Aging
Principal Investigator: Samar R. El Khoudary, Ph.D.
Role on Grant: Co-Investigator
Years Inclusive: 07/15/2018-08/31/2023
Total Direct Costs: 463,707

Funding Agency: NIH/NHLBI (Pending)
Grant Number: HL143217-01A1
Title of Grant: Sickle Cell Disease and Cardiovascular Risk - Red cell Exchange Trial (SCD-CARRE Trial)
Principal Investigator: Maria Mori Brooks, Ph.D.
Role on Grant: PI (sole)
Years Inclusive: 04/01/2019-03/31/2026
Total Direct Costs: \$642,564

Funding Agency: NIH/NIA (Pending)
Grant Number: AG063720
Title of Grant: The Study of Women's Health Across the Nation (SWAN): The Impact of Midlife and the Menopause Transition on Health and Functioning in Early Old Age
Principal Investigator: Maria M. Brooks, Ph.D.
Role on Grant: PI (sole)
Years Inclusive: 07/01/2019-06/30/2023
Total Direct Costs: \$9,667,822

Funding Agency: NIH/NINR (Pending)
Grant Number: 1 R56 NR017933-01A1
Title of Grant: Healthy Beyond Pregnancy: Leveraging Behavior Economics to Improve Postpartum Care
Principal Investigator: Katherine Himes, M.D.
Role on Grant: Co-investigator
Years Inclusive: 07/01/2019-06/30/2020
Total Direct Costs: \$21,830

Past research support

Funding Agency: Gilead
Grant Number: IN-US-259-1453
Grant Title: Diabetes and Coronary Artery Disease Trials Collaboration
Principal Investigator: Maria Mori Brooks, Ph.D.
Role on Grant: PI (sole)
Years Inclusive: 08/21/2014 - 08/20/2017
Total Direct Costs: \$73,670

Funding Agency: NIH/NHLBI / Rutgers University Robert Wood Johnson Medical School
Grant Number: R34 HL125804
Title of Grant: Does Plasma Reduce Bleeding in Patients Undergoing Invasive Procedures
Principal Investigator: Jeffrey Carson, M.D.
Role on Grant: Co-Investigator / PI Pitt Subaward
Years Inclusive: 07/01/2015 – 06/30/2017
Total Direct Costs: \$14,656

Funding Agency: NIH/NIMH / University of Florida
Grant Number: R34 MH100253-01A1 / UF10724
Title of Grant: Treatment of Feeding Problems in Children with Autism

Principal Investigator: Cynthia R. Johnson, Ph.D.
Role on Grant: Co-Investigator / PI Pitt Subaward
Years Inclusive: 2/3/2014 - 1/31/2018
Total Direct Costs: \$59,142

Funding Agency: NIH/NIA / Massachusetts General Hospital
Grant Number: U01 AG012531-22
Title of Grant: Study of Women's Health Across the Nation AMH
Principal Investigator: Joel Finkelstein, Ph.D.
Role on Grant: Co-Investigator / PI Pitt Subaward
Years Inclusive: 07/15/2015 – 06/30/2016
Total Direct Costs: 29,596

Funding Agency: NIH/NHLBI
Grant Number: 1R21HL121495-01
Title of Grant: Treatment and Risk Factor Determinants of Cardiovascular Outcomes in BARI 2D
Principal Investigator: Maria Mori Brooks, Ph.D.
Role on Grant: PI (sole)
Years Inclusive: 9/19/2013 - 7/31/2015
Total Direct Costs: \$71,400

Funding Agency: NIH/NHLBI
Title of Grant: Biostatistics with a focus on cardiovascular health and minority populations (T-15)
Principal Investigator: Roslyn Stone, Ph.D.
Role on Grant: Co-Investigator
Years Inclusive: 2009 – 2015
Total Direct Costs: \$743,020

Funding Agency: Roche / Brigham & Women's Hospital
Title of Grant: BARI 2D Cardiac Troponin
Principal Investigator: Brendan Everett, M.D.
Role on Grant: Co-Investigator / PI Pitt Subaward
Years Inclusive: 8/30/2013 - 8/29/2014; 11/1/2015-4/30/2016
Total Direct Costs: \$30,114

Funding Agency: FirstMark Inc. and division of GenWay Biotech
Title of Grant: Biomarkers and Risk of Myocardial Infarction and Death
Principal Investigator: Maria M. Brooks, Ph.D.
Role on Grant: PI (sole)
Years Inclusive: 11/15/2013 - 12/31/2014
Total Direct Costs: \$31,633

Funding Agency: NIH/NIA
Grant Number: U01 AG012553-17
Title of Grant: Study of Women's Health Across the Nation (SWAN)
Principal Investigator: Kim Sutton-Tyrrell Ph.D. and Maria Mori Brooks Ph.D.
Role on Grant: PI (sole)
Years Inclusive: 6/1/2009 - 4/30/2014
Total Direct Costs: \$1,266,943

Funding Agency: DOH Commonwealth of Pennsylvania
Grant Number: 4100047864
Title of Grant: Prevention and Control of Antibiotic- Resistant Bacterial Infections.
Principal Investigator: Lee H. Harrison, M.D.
Role on Grant: Co-Investigator

Years Inclusive: 6/2009 - 5/2013
Total Direct Costs: \$24,514

Funding Agency: Sanofi Aventis
Title of Grant: Pharmacologic Progression Strategies in Type 2 Diabetes
Principal Investigator: Mary Korytkowski, M.D.
Role on Grant: Co-Investigator
Years Inclusive: 10/2011 - 4/2013
Total Direct Costs: \$80,706

Funding Agency: NIH
Grant Number: UL1 RR024153-07
Title of Grant: Clinical and Translational Science Institute DBE Core
Principal Investigator: Steven E. Reis, M.D.
Role on Grant: Co-Investigator
Years Inclusive: 9/1/2011 - 6/30/2012
Total Direct Costs: \$181,618

Funding Agency: NHLBI / UMDNJ
Grant Number: RC2 HL101458-02
Title of Grant: Transfusion Trigger Trial in Coronary Artery Disease: A Pilot Study
Principal Investigator: Jeff Carson, M.D.
Role on Grant: Co-Investigator
Years Inclusive: 9/30/2009 - 8/31/2011
Total Direct Costs: \$125,956

Funding Agency: NHLBI / Mayo Clinic
Grant Number: 1R01 HL087214-02
Title of Grant: Adipokines and Cardiovascular Disease in Diabetes
Principal Investigator: Virend K. Somers, M.D., Ph.D.
Role on Grant: Co-Investigator / PI Pitt Subaward
Years Inclusive: 2009 – 2011
Total Direct Costs: \$17,173

Funding Agency: NIH/NHLBI
Grant Number: 1 U01 HL61744-10
Title of Grant: Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D)
Principal Investigator: Sheryl F. Kelsey, Ph.D.
Role on Grant: Co-Investigator
Years Inclusive: 2000 – 2010
Total Direct Costs: \$767,355

Funding Agency: NIH/NHLBI
Title of Grant: Optimizing Outcome after Pediatric Heart Transplantation: Specialized Centers of Clinically Oriented Research (SCCOR) -- Biostatistics and Data Management Core
Principal Investigator: Steven Weber, Ph.D. or M.D.
Role on Grant: Co-Investigator
Years Inclusive: 2004 – 2009
Total Direct Costs: \$175,277

Funding Agency: HRSA
Grant Number: 1 R38 T01243-01
Title of Grant: Validation of Criteria Identifying Candidates for Organ Donation
Principal Investigator: Michael DeVita, M.D.
Role on Grant: Co-Investigator

Years Inclusive: 2003 – 2006
Total Direct Costs: \$10,103

Funding Agency: NIH/NHLBI / University of Vermont
Grant Number: R01 HL71306
Title of Grant: Inflammation, Procoagulation, and Plaque Vulnerability.
Principal Investigator: Burton Sobel, M.D.
Role on Grant: Co-Investigator / PI Pitt Subaward
Years Inclusive: 2002 – 2006
Total Direct Costs: \$6,940

Funding Agency: NIH/NHLBI
Grant Number: 5 U01 HL3810-15
Title of Grant: Bypass Angioplasty Revascularization Investigation (BARI)
Principal Investigator: Katherine M. Detre, M.D.
Role on Grant: Co-Investigator
Years Inclusive: 1995 – 2005

TEACHING

Undergraduate Courses

Year(s)	Course Number & Title	Role
2010 - 2015	Biostatistics 1200, Introduction to Biostatistical Reasoning	Lecturer
2010 – 2015	Biostatistics 1201, Seminar in Biostatistical Collaboration	Primary Instructor

Graduate Courses

Year(s)	Course Number & Title	Role
1992	Biostatistics 533, Theory of Linear Regression Analysis (University of Washington)	Primary Instructor
1996, 1998	Statistics 1130, Probability and Statistics for Management	Primary instructor
1996 - Present	Epidemiology 2181, Design of Clinical Trials	Lecturer
2001 - 2005	Clinical Research 2022, Special Topics: Logistic Regression	Primary instructor
2001 - 2003, 2005	Epidemiology 2182, Design of Clinical Trials 2 - Contemporary Issues	Primary instructor
2003	Clinical Research 2024, Special Topics: Nonparametric Statistics	Lecturer
2004	Epidemiology 2183, Reading Analyzing and Interpreting the Public Health and Medical Literature	Lecturer
2005, 2008, 2010, 2018	Epidemiology 2250, Seminar In Epidemiology	Lecturer
2006, 2015	Public Health 2011, Essentials of Public Health	Supervised Epi student projects
2008	Epidemiology 2152, Workshop in Cardiovascular Epidemiology	Lecturer
2007 - 2012	Epidemiology 2180, Epidemiological Methods 1	Primary instructor

2013 – Present	Epidemiology 2920, Writing in Epidemiology: Manuscripts and Grants	Lecturer
2014 – 2015	Epidemiology 2180, Epidemiological Methods 1	Lecturer
2012 - 2017	Epidemiology 2187, Epidemiological Methods 2	Primary Instructor
2018	Epidemiology 2187, Epidemiological Methods 2	Lecturer
2010 - Present	Epidemiology 2215, Teaching Practicum	Primary Instructor
2019 - Present	Epidemiology 2180, Epidemiological Methods 1	Primary Instructor

MENTORING AND ADVISING

Master's Students

Year(s)	Student's Name & Degree/Discipline	Advisor's Role
2009	Lulu Zhang MPH, Epidemiology Multicenter clinical trials: leading the way in coordinated care	Major Advisor
2013	Danielle N. Wallack MPH, Epidemiology Effects of Breastfeeding Patterns on the Risk of Epithelial Ovarian Cancer: A Case Control Study	Major Advisor
2014	Paul C. Brendel MPH, Epidemiology Guideline Adherence in Cystic Fibrosis: A Center-Based Analysis	Major Advisor
2014 - 2015	Michael Sharbaugh MPH, Epidemiology Quantifying the Impact of the Measles Vaccine by Estimating the Number of Measles Cases Prevented for each State From 1964 to 2010	Major Advisor
2016 - present	Zhadyra Bizhanova MPH, Epidemiology In progress	Major Advisor
Year(s)	Student's Name & Degree/Discipline	Advisor's Role
2002 – 2003	Margaret Hsieh MS, Biostatistics Assessing the performance of a tree-based clinical decision rule to identify a low-risk patient subgroup	Member - Masters Committee
2003	Yuan Kong MS, Biostatistics Analysis of electronic event monitored adherence data in clinical trials	Member - Masters Committee
2005	Shang-Lin Yang MS, Biostatistics	Member - Masters Committee

Normal approximation studies for the paired two sample problem with missing data

2007	Xinyu Tang MS, Biostatistics A new test statistic for comparing medians with incomplete paired data	Member - Masters Committee
2007 – 2008	Veronica Sansing MS, Epidemiology The relationship between self-efficacy and clinical risk factors in the BARI 2D study	Member - Masters Committee
2007 – 2008	Donald Schleicher MS, Epidemiology Infection rate in a traumatic brain injury cohort treated with intravascular cooling catheters	Member - Masters Committee
2008 – 2009	Jo-Anne Salangsang MS, Epidemiology Patient associated risk factors for acquisition methicillin resistant staphylococcus aureus (MRSA) in a tertiary hospital setting	Member - Masters Committee
2008 – 2009	Pawinee Doung- Ngern MPH, Epidemiology Pneumonia in Thailand 2003-2007	Member - Masters Committee
2009	Theresa Fanelli MPH, Epidemiology Hormone therapy, estrogen metabolism, and risk of breast cancer in the WHI hormone therapy trial	Member - Masters Committee
2010	Adam Santanasto MPH, Epidemiology Impact of weight loss on strength, muscle mass and muscle fat infiltration in overweight older adults: a randomized clinical trial	Member - Masters Committee
2010	Shaowu Tang MS, Biostatistics Inferences on median failure time for censored survival data	Member - Masters Committee
2010 – 2011	Jennifer N. Cooper MS, Biostatistics Mechanisms Driving the Effect of Weight Loss on Arterial Stiffness	Member - Masters Committee
2011	Samba Suheil Younan MPH, Epidemiology Role of Periodontal Disease Associated Inflammatory Response in Progression of Cardiovascular Disease and Diabetes	Member - Masters Committee

2011	Eun-Jin Kim MS, Biostatistics Estimating Survival Distribution for Right-Censored Data with Delayed Ascertainment	Member - Masters Committee
2013	Jeffrey D. Borreback MS, Biostatistics Comparisons Between the Kaplan-Meier Complement and the Cumulative Incidence for Survival Prediction Under Competing Events	Member - Masters Committee
2014	Arlete Mahumane MPH, Epidemiology Seroprevalence of Hepatitis C and B in Southern Africa	Member – Masters Committee
2015	Ruiqi Huang MS, Biostatistics Investigate and Implement Gene Signature Development using Microarray Data – A Case Study on Early Stage Non-Small Cell Lung Cancer	Member – Masters Committee
2015 - 2016	Felicia Bixler MS, Epidemiology Evaluation of an Integrated Risk Reduction Intervention's Effects on Substance Use Spectrum Measures in Patients with Bipolar I Disorder	Member – Masters Committee
2016	Linxi Liu MS, Epidemiology Assessment of Intermediate (Process) Outcomes in The BARI 2D Clinical Trial	Member – Masters Committee
2018	Jonathan Haposan MPH, Epidemiology	Internship Preceptor
2018 - 2018	Xinxin Sun MS, Biostatistics Re-parameterization of the dose-toxicity model of the time-to-event continual reassessment method to accommodate patient heterogeneity.	Member – Masters Committee
2018 - 2019	Lanting Yang MPH, Epidemiology Real-World direct Comparison of the Effectiveness and Safety of Apixaban, Dabigatran, Rivaroxaban, and Warfarin in Medicare Beneficiaries with Atrial Fibrillation: A Subgroup Analyses by a History of Ischemic Stroke or transient Ischemic Attack	Research Mentor – Masters Committee
2019	Siting Chen MPH, Epidemiology Predictors of Weight Loss Following an Intentional Weight Loss Intervention and Long-Term Weight Maintenance in Overweight and Obese Young Adults	Member – Masters Committee

Doctoral Students

Year(s)	Student's Name & Degree/Discipline	Advisor's Role
2001 - 2006	Lauren J. Kim Min PhD, Epidemiology Evaluation of treatments for coronary artery disease utilizing contemporary statistical methods	Major Advisor
2006 - 2010	Sheng-Chia Chung PhD, Epidemiology Health related quality of life in clinical studies for chronic disease - design and analytical considerations	Major Advisor
2009 - 2010	Veronica Sansing PhD, Epidemiology The role of self-efficacy in patients with comorbid type 2 diabetes and coronary artery disease in the Bypass Angioplasty Revascularization 2 Diabetes (BARI 2D) Trial	Major Advisor
2010 - 2013	Andrew Althouse PhD, Epidemiology Risk of Peripheral Arterial Disease in Patients with Type 2 Diabetes Mellitus	Major Advisor
2013 - 2015	Ashima Singh PhD, Epidemiology Cost-effectiveness Analysis Approaches to Compare Clinical Strategies	Major Advisor
2014 - 2018	Andrea Stewart PhD, Epidemiology Stress and Cardiovascular Disease Risk in Mid-Life Women: How Important are Social Roles?	Major Advisor
2016 - Present	Franya Hutchins PhD, Epidemiology In progress	Major Advisor
2017 - Present	Noel Britton PhD, Epidemiology In progress	Major Advisor
2018 - Present	Zhadyra Bizhanova PhD, Epidemiology In progress	Major Advisor
Year(s)	Student's Name & Degree/Discipline	Advisor's Role
2000 – 2001	Amelia Haviland PhD, Statistics Summer student, Epidemiology Data Center	Mentor
2003 - 2005	Monique Boudreaux	Member - Doctoral

	PhD, Epidemiology The genetics of insulin resistance: Analysis of the peroxisome proliferator-activated receptor pathway	Committee
2003 – 2006	Charlene Bryan PhD, Epidemiology The association of diabetes mellitus with response to depression treatment	Member - Doctoral Committee
2003 – 2014	Stephen Strotmeyer PhD, Epidemiology Epidemiology of Muay Thai Fight-Related Injuries	Member - Doctoral Committee
2004 – 2006	Gretchen Piatt PhD, Epidemiology Implementing the chronic care model to improve diabetes care in the community: translating theory to practice	Member - Doctoral Committee
2004 – 2006	Mary Krauland PhD, Epidemiology GSR, Epidemiology Data Center	Mentor
2005 - 2006	Shahla Hosseini PhD, Epidemiology Maternal anxiety during pregnancy: Its relations to birth outcome and to depressive symptoms during late childhood/ adolescence of offspring	Member - Doctoral Committee
2005 - 2007	Kaye Kramer DrPH, Epidemiology Diabetes prevention and cardiovascular risk reduction in primary care practice	Member - Doctoral Committee
2006 - 2008	Sanjaya Dhakal PhD, Epidemiology Fat partitioning and subclinical cardiovascular disease in a cohort of women transitioning through menopause	Member - Doctoral Committee
2007 - 2009	Genevieve Woodard PhD, Epidemiology Evaluating novel risk factor associations for subclinical cardiovascular disease	Member - Doctoral Committee
2007 - 2010	Sushama Acharya PhD, Epidemiology Relationships between diet, weight loss, insulin resistance with adiponectin levels among overweight / obese adults	Member - Doctoral Committee
2008 - 2009	Mehret Birru PhD, Epidemiology The association of ethnicity and socioeconomic status with subclinical cardiovascular disease	Member - Doctoral Committee

2008 - 2009	Allison Longenberger PhD, Epidemiology Measures of physical function as risk factors for diabetes mellitus and insulin resistance among HIV-uninfected and HIV-infected men in the Multicenter AIDS Cohort Study	Member - Doctoral Committee
2009 - 2011	Michelle Meyer PhD, Epidemiology Markers for subclinical atherosclerosis in women with polycystic ovary syndrome and controls	Member - Doctoral Committee
2010 - 2011	Rachel Bailey PhD, Epidemiology Modeling the epidemiologic and economic impacts of nosocomial infection prevention strategies	Member - Doctoral Committee
2010 - 2014	Yongjua Laosiritaworn PhD, Epidemiology Computational Modeling to Address the Burden of Influenza and Strategies of Control Measures in Thailand	Member - Doctoral Committee
2011 - 2012	Jennifer N. Cooper PhD, Epidemiology Elevated Circulating Aldosterone and Platelet Activity in Overweight/Obese Young Adults: Roles in Vascular Remodeling and Cardiometabolic Health	Member - Doctoral Committee
2012 - 2013	Erica Joy Ambeba PhD - Epidemiology Associations Between Weight Loss and Regain, Cytokine Concentration, and Insulin Resistance Among Overweight/Obese Adults	Member - Doctoral Committee
2012 - 2014	Diane Cheek Incomplete	Major Advisor
2012 – 2014	Jill Diesel PhD, Epidemiology Gestational Weight Gain and the Association with Offspring Growth and Obesity	Member - Doctoral Committee
2013 - 2014	Megan Olson Hunt PhD, Biostatistics A Permutation-Based Correction For Pearson's Chi-Square Test on Data with an Imputed Complex Outcome / A Modified EM Algorithm for Contingency Table Analysis with Missing Data	Member - Doctoral Committee
2013 – 2014	Leslie Ann Meyn PhD, Epidemiology Longitudinal Evaluation of Self-Reported Antibiotic Use and its Association with Vaginal and Rectal Colonization by Lactobacillus and Vulvovaginal Candidiasis in	Member - Doctoral Committee

Non-Pregnant Women

2013 – 2019	Ann Wiringa PhD, Epidemiology Microbial Etiology of Endometritis: Implications for Screening, Treatment and Post-Pelvic Inflammatory Disease Sequelae	Member - Doctoral Committee
2013 – 2014	Trang Vopham PhD, Epidemiology Using GIS to Link Seer-Medicare and California Pesticide Data: A Population-Based Case-Control Study of Pesticide Exposure and Hepatocellular Carcinoma Risk	Member - Doctoral Committee
2013 – 2015	Mustapha, Mustapha Munir PhD, Epidemiology Global Emergence And Persistence Of Hypervirulent Capsular Group W Sequence Type (St)-11 <i>Neisseria Meningitidis</i>	Member - Doctoral Committee
2014 – 2014	Samia Lopa PhD, Biostatistics Inference on Quantile Residual Life for Length Biased Survival Data	Member - Doctoral Committee
2014 – 2014	Abhishek Vishnu PhD, Epidemiology Biomarkers and Risk Factors of Atherosclerosis Among Middle-Aged Men in an International Population-Based Study	Member - Doctoral Committee
2014 - 2015	Sarah Pugh PhD, Epidemiology Maternal Obesity, Gestational Weight Gain, and Child Cognition, Behavior, and Academic Achievement	Member - Doctoral Committee
2014 - 2016	Anne Connelly Ritter DrPH, Epidemiology The Epidemiology of Post-traumatic Seizures following Moderate to Severe Traumatic Brain Injury	Member - Doctoral Committee
2014 - 2016	Carrie Lynn Hanley PhD, Epidemiology Cardiovascular fat, adipokines, inflammatory markers, and CAC progression in midlife women: The SWAN Cardiovascular Fat Study	Member – Doctoral Committee
2015 - 2016	Inmaculada Hernandez PhD, Health Policy & Management Evaluating the Safety and Effectiveness of Non-Vitamin K Antagonist Oral Anticoagulants in the Medicare Population	Member – Doctoral Committee
2015 - 2017	Hsinghua (Sylvia) Lin	Member – Doctoral

	PhD, Epidemiology Childhood Maltreatment as a Social Determinant of Midlife Health-related Quality of Life in Women: Do Psychosocial Factors Explain this Association?	Committee
2015 - 2017	Lauren Torso Orkis PhD, Epidemiology The Epidemiology of Sporadic, Community-Acquired Legionnaires' Disease	Member – Doctoral Committee
2015 - 2017	Natalie Suder PhD, Epidemiology Inflammation and Characteristics of Atherosclerotic Plaque	Member – Doctoral Committee
2015 – 2018	Dana Jorgenson PhD, Epidemiology Racial Differences in Brain Health at Midlife and the Potential Mediating Role of Cardiorespiratory Fitness and Cardiometabolic Risk	Member – Doctoral Committee
2016 - 2018	Raj Gopden Kumar PhD, Epidemiology Acute Inflammation and Infection: The Effects on Recovery Following Moderate to Severe Traumatic Brain Injury	Member – Doctoral Committee
2017 - 2018	Ya-Hui Yu PhD, Epidemiology Incident Prepregnancy Obesity And Perinatal Mortality: An Application Of Nonparametric Doubly Robust Methods	Member – Doctoral Committee
2016 - 2019	Michelle Mellers PhD, Epidemiology The Effect of Large-Scale Economic Development on Violence and Collective Efficacy: A Natural Experiment	Member – Doctoral Committee
2016 - Present	Kyle Freese PhD, Epidemiology	Member – Doctoral Committee
2017 - 2018	Christian Rodrigo Garcia Calavaro PhD, Epidemiology A Wavelets And Multilevel Analysis To Determine Spatial Dependencies Of Seasonal Influenza, Weather And Pollution Association Across Chile 2010-2016	Member – Doctoral Committee
2017 - 2019	Jingchuan Guo PhD, Epidemiology Blood Pressure and Cardiovascular Disease in Type 1 Diabetes: an Exploration of Prediction and Control	Member, Doctoral Committee
2018 - Present	Baiyang Sun PhD, Epidemiology In progress	Member – Doctoral Committee

2018 - Present	Saad Samargandy PhD, Epidemiology Alterations in Cardiometabolic and Vascular Function Measures during the Menopause Transition	Member – Doctoral Committee
2018 - Present	Sarah Minion PhD, Epidemiology	Member – Doctoral Committee

Postdoc or Fellow

Year(s)	Student's Name & Degree/Discipline
2010 – 2011	Terri Stillwell, MD, MPH Fellow, Pediatric Infectious Disease UPMC Member Scholarly Oversight Committee
2011 - 2013	Brian Feingold, MD, MS, FAPP Assistant Professor of Pediatric Cardiology CTSA K12 Award Mentor
2013 – 2014	Maya Jung Lambiase, PhD Postdoctoral Fellow, Department of Psychiatry, Mentor
2016 - 2016	Vidya Venugopal, PhD Postdoctoral Fellow, Department of Epidemiology, Mentor
2016 - 2018	Yamnia Cortes, PhD Postdoctoral Fellow, Department of Epidemiology, Mentor

SERVICE

Service to Internal Organizations

Department Committees

1991 – 1995	Admissions Committee, Member, Department of Biostatistics, University of Washington
2001 – 2007	Epidemiology Doctoral Preliminary Exam Committee, Grader, Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh
2003	Admissions Review Committee, Member, Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh,
2004 – 2018	Biostatistics PhD Qualifying Exam Committee, Member; Public Health Exam Subcommittee, Chair; Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh
2018 – Present	Biostatistics PhD Qualifying Exam Committee, Member; Applied Exam Subcommittee, Member; Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh
2006 – Present	Executive Committee, Epidemiology Data Center, Member, Co-Director (2016-Present), Graduate School of Public Health, University of Pittsburgh
2007 – Present	Curriculum Committee, Member (Chair 2007-09), Department of Epidemiology, University of Pittsburgh
2011, 2015-16	Faculty Search Committee, Member, Department of Infectious Diseases

and Microbiology, Graduate School of Public Health, University of Pittsburgh

2011	Faculty Search Committee, Member, Department of Behavioral and Community Health Sciences in the Graduate School of Public Health, University of Pittsburgh
2011 – 2012	Faculty Search Committee, Member, Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh
2012 – 2016	Faculty Search Committee, Member, Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh
2013 – Present	Vice Chair for Education, Department of Epidemiology, University of Pittsburgh
2015	Faculty Issues Working Group, Member, Department of Epidemiology, University of Pittsburgh
April 2017	Planning Committee Member, Cardiovascular Epidemiology Conference hosted by the Department of Medicine / Department of Epidemiology, University of Pittsburgh
April 2018	Strategic Planning Committee, Chair of Education Subcommittee, Department of Epidemiology, University of Pittsburgh
2018 - Present	Department Executive Committee, Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh

School/University Committees

2004 – 2005 2014 – 2017	Juror for Dean's Day, University of Pittsburgh, Graduate School of Public Health
2010 – 2012	Member, FAPTC Education Track Subcommittee Graduate School of Public Health, University of Pittsburgh
2010 – 2016	Faculty Appointments, Promotions and Tenure (FAPTC) Committee; Member, Appointed Chair 2015-Present; Graduate School of Public Health, University of Pittsburgh
2011 – 2014	Faculty Senate Executive Committee (FSEC), Member, President FSEC (2012-2013), Graduate School of Public Health, University of Pittsburgh
2011 – 2014 2015 – 2016	Graduate School of Public Health Council, Voting Council Member, University of Pittsburgh
2016 – 2017	Department Chair Search Committee, Member, Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh
2011 – 2018	Institutional Data and Safety Monitoring Board (IDSMB), Member, University of Pittsburgh

Service to External Organizations

Public Policy and Programs

8/1994	Scientific Reviewer, Special Emphasis Panel, National Heart, Lung, and Blood Institute
1/1995	Scientific Reviewer, Special Emphasis Panel, National Heart, Lung, and Blood Institute
3/2002	Scientific Reviewer, National Institutes of Health, Clinical Cardiovascular Sciences (CCVS) Study Section

7/2002	Scientific Reviewer, Special Emphasis Panel, National Institutes of Health, Clinical Cardiovascular Sciences (CCVS) Study Section
2003 – 2005	Data and Safety Monitoring Board, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), Comparison of Two Therapies for Upper Esophageal Sphincter Dysphagia (R01)
7/2003	Scientific Reviewer, National Institutes of Health, Clinical Cardiovascular Sciences (CCVS) Study Section
3/2004	Scientific Reviewer, Special Emphasis Panel, National Institutes of Health
2005 – 2012	Data and Safety Monitoring Board, National Heart, Lung, and Blood Institute (NHLBI), Claudication: Exercise vs. Endoluminal Revascularization (CLEVER)
8/2005	Scientific Reviewer, Special Emphasis Panel, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
10/2006	Scientific Reviewer, Special Emphasis Panel, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
7/2007	Scientific Reviewer, Special Emphasis Panel, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), R01 Grant Application
2008 – 2013	Data and Safety Monitoring Board, National Institutes of Mental Health (NIMH), Early Steps Study - Intensive Treatment for Toddlers with Autism Spectrum Disorders (ASD)
2009 – 2012	Data and Safety Monitoring Board, Harvard School of Public Health, International Clinical Trial - Omega-3 Fatty Acids for Prevention of Post-Operative Atrial Fibrillation (OPERA)
2010 – 2012	Data and Safety Monitoring Board, National Institute of Child Health and Human Development (NICHD), Pediatric Emergency Care Applied Research Network (PECARN), Intravenous Magnesium for Sick Cell Vasooocclusive Crisis (MAGiC)
2011 – Present	Observational Study Monitoring Board (OSMB), Chair, National Heart Lung and Blood Institute (NHLBI), Bench to Bassinet, Pediatric Cardiac Genomics Consortium (PCGC)
12/8-9/2011	Scientific Reviewer, Merit Review Panel, Veterans Health Administration
10/16-17/2012	Scientific Reviewer, National Institutes of Health, Cardiovascular and Sleep Epidemiology (CASE) Study Section
4/4/2013	Scientific Reviewer, Special Emphasis Panel, National Institute of Diabetes and Digestive and Kidney Disease, R01 Ancillary Studies
6/2013 - Present	Data and Safety Monitoring Board, Member, National Institutes of Health, Intervention Effects of Intensity and Delivery Style for Toddlers with Autism Spectrum Disorders (ASD)
7/2013 - Present	Data and Safety Monitoring Board, Member, National Heart Lung and Blood Institute (NHLBI) for the Age of Blood in the Pediatric Intensive Care Unit (ABC-PICU)
3/25-26/2014	Scientific Reviewer, Special Emphasis Panel, National Institutes of Health, National Heart, Lung, and Blood Institute, R21 applications
1/6/2015	Scientific Reviewer, Special Emphasis Panel, National Institutes of Health, National Institute of Allergy and Infectious Diseases, U44 applications
3/25/2015	Scientific Reviewer, Special Emphasis Panel, National Institutes of Health,

	National Institute of Diabetes and Digestive and Kidney Diseases
10/19-20/2015	Scientific Reviewer, National Institutes of Health, Cancer, Heart, and Sleep
6/16-17/2016	Epidemiology B (CHSB) Study Section
12/2016 - Present	Data and Safety Monitoring Board, Member, National Institutes of Health, National Institutes of Aging, Stellate Ganglion Injection for Vasomotor Symptoms
04/2018	Scientific Reviewer, National Institutes of Health, National Heart, Lung and Blood Institute, Hispanic Community Health Study – Study of Latinos: Coordinating Center.
2017 - 2021	Member of National Institutes of Health, Cancer, Heart, and Sleep Epidemiology B (CHSB) Study Section

Manuscript Reviewer

2002 – Present	Consistent reviewer for the following Journals: American Journal of Cardiology, American Journal of Epidemiology, Journal of the American College of Cardiology, American Heart Journal, and Circulation.
2008 – 2016	Dedicated Statistical Reviewer for Circulation

Other Professional Activities

2006 – 2008	Develop High School AP Statistics Outreach Program, American Statistical Association Biometric Section: Developing the next generation of biostatisticians
2006 - 2017	Present biostatistics work to high school AP statistics students, Indiana Area High School (annual presentation)
5/2010	Present biostatistics career opportunities to high school students, Fox Chapel Area High School Career Day
4/13/2014	"How'd You Get There?" Public Health Careers program held at Williams College, Williamstown, MA, co-sponsored by the Public Health Concentration and The Career Center
6/16/2015	Western Pennsylvania Summer STEMM Academy at Fox Chapel Area High School Medical Matters day
2015 - 2017	Panelist, Graduate School of Public Health, Health Sciences Career Exploration Institute at the University of Pittsburgh Public Health Days