

Revised 1/17/2025

**CURRICULUM VITAE
WEN-CHIH HANK WU, M.D., M.P.H.**

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Education:

B.S., M.D. University of Costa Rica School of Medicine
San Jose, Costa Rica, 1989-1995
Full-tuition Honor Scholarship 1990-1995
Honor Graduation 1995

M.P.H. Brown University, June 2010, Providence, RI

M.A. Brown University, July 2010 (*ad eundem gradum*)
Providence, RI

Postgraduate Training:

1996-1997 Internship, Primary Care Internal Medicine
University of Connecticut School of Medicine
Farmington, CT

1997-1999 Residency, Primary Care Internal Medicine
University of Connecticut School of Medicine
Farmington, CT

1999-2002 Fellowship, Cardiovascular Diseases
Brown University Medical School
Providence, RI

2008 Level 2 Training, Cardiac Computed Tomography
Angiography; The Christ Hospital, Cincinnati, Ohio

Postgraduate Honors and Awards

1999 Medical Resident of the Year
University of Connecticut School of Medicine

2001-2003 Dean's Teaching Excellence Awards

Brown Medical School

2002 – 2005

Teacher of the Year Award
Cardiology Fellowship, Brown Medical School

2010

Beckwith Family Award for Outstanding Teaching
Dept. of Medicine, Alpert Medical School, Brown Univ.

2019

MPH Thesis Mentor Award, Brown University School of
Public Health

Professional Licensure and Board Certification

1999-2011

Connecticut Medical License

1999- current

ABIM- Internal Medicine

2001- current

Rhode Island medical license

2002- current

ABIM - Cardiology

Academic Appointments

2002 - 2010

Assistant Professor of Medicine (Cardiology)
Brown University Alpert Medical School

2010 – 2018

Associate Professor of Medicine (Research scholar),
Brown University Alpert Medical School

2012 - 2018

Associate Professor of Epidemiology,
Brown University School of Public Health

2018 - current

Professor of Medicine (Research scholar),
Brown University Alpert Medical School;
Professor of Epidemiology,
Brown University School of Public Health

Hospital Appointments

1995-1996

General Practitioner
Orotina / San Mateo Division,
Ministry of Health of Costa Rica

July, 2002- current

Staff Cardiologist
Providence VA Medical Center

July, 2002- October 2022

Site Director, General Cardiology Fellowship, Brown
University, Providence VA Medical Center

July 2004 – June 2010

Medical Director, Cardiovascular Risk Reduction Clinic,
Providence VA Medical Center

July 2008 – June 2014	Medical Director, Heart Failure Clinic, Providence VA Medical Center
August 2008 – July 2021	Program Director, Fellowship Program in Preventive Cardiology at Brown University
March 2013 – October 2022	Chief of Cardiology, Providence VA Medical Center
October 2014 - current	Director of the Lifespan Cardiovascular Wellness and Prevention Center at Miriam, Newport, and Rhode Island Hospitals
October 2014 – current	Medical Director, Center for Cardiac Fitness, Miriam Hospital
October 2020 - current	Chief of Medicine, Providence VA Medical Center
July 2022 – current	Program co-director, Chief Resident of Quality & Safety; Providence VA Medical Center, Brown University

Other Appointments (Research, Board of Directors)

2007- current	Faculty, NHLBI R25HL088992-01, Short-Term Training Program to Increase Diversity in Health-Related Research
2008- 2014	Faculty, NHLBI T32HL094300-01, Brown CardioPulmonary Research Training Program
2009- current	Faculty, T35HL094308-01, Alpert Medical School Summer Research Program (AMSSRP) in Molecular Pathobiology and Health Services/Outcomes research in cardiopulmonary diseases
05/01/09 – current	Faculty mentor, GR5270427 2T32 AG023482-14 (PI: Mor/Trivedi) Title: Aging Health & Health Services Research Training.
2010- current	Executive Director Board, Ocean State Research Institute VA medical Center, Providence, RI
2012- current	Core investigator, Providence VAMC Center of Innovation (COIN) for Long Term Support and Services
2015- current	Faculty trainer, Brown Cardiovascular Behavioral Medicine T32 (Directors: Rena Wing/Carly Goldstein)

2016- current	Faculty trainer, Brown Respiratory Research Training Program (BR RTP), NIH T32HL134625
2018 – current	Executive Director Board, American Association for Cardiovascular and Pulmonary Rehabilitation (AACVPR)
2022 – current	President elect, American Association for Cardiovascular and Pulmonary Rehabilitation (AACVPR)

Editorial Positions

2008-2013	Section Editor, <i>Ferri's Clinical Advisor</i> , Ferri, FF [ed], Elsevier, St. Louis.
April 2014 – September 2022	Academic Editor, PLoS One
April 2015 – current	Editorial Board: Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring (DADM) - a journal of the Alzheimer's Association
2021 – Current	Editorial Board: Journal of Cardiovascular and Pulmonary Rehabilitation (JCRP)

Ad Hoc Reviewer for *JAMA*

Ad Hoc Reviewer for *Chest*

Ad Hoc Reviewer for *American Journal of Medicine*

Ad Hoc Reviewer for *Cardiovascular Reviews and Reports*

Ad Hoc Reviewer for *Journal of the American Society of Echocardiography*

Ad Hoc Reviewer for *American Journal of Cardiology*

Ad Hoc Reviewer for *International Journal of Impotence Research*

Ad Hoc Reviewer for *Journal of Sexual Medicine*

Ad Hoc Reviewer for *Diabetes Care*

Study Section/Review Group

2008 Ad Hoc Reviewer for VA Cooperative Studies Program

2009 - 2010 NIH Special Emphasis Panel/Scientific Review Group 2009/10 ZRG1 HDM-P(58) R

2010 – 2016: VA HSR&D Scientific Merit Review HSR1 Group

2010 – 2013 VA VISN 1 Career Development Award Program (V1CDA)

2011 – 2014 VA QUERI Rapid Response Projects review board

2012 Special Emphasis Panel/Scientific Review Group HQ2 R (CREATE review board)

2013 – 2017: VA Quality Enhancement Research Initiative (QUERI) Service Directed Project (SDP) Proposal Review Section

2015 – 2017: VA Health Services Research - Service Directed Research in Gulf War illness Proposal Review section

2016 – 2022: Scientific Review Member, Brown University Clinical Translation Research (CTR) Pilot Project Program

2017 NIH Special Emphasis Panel/Scientific Review Group for Cardiac and Pulmonary Rehabilitation

2017 – 2022: VA ORD Million Veterans Program (MVP) Scientific Merit Review Group

2019 – current: VA HSR&D Scientific Merit Review HSR5, HSR6, HSR7, HSR8 Groups

Hospital Committees

2003- current

Member, IRB Committee

2005-2010

Chair, Radiation Safety Committee

2010-2015

Member, Radiation Safety Committee

2012-present

Member, Education Leadership Committee

6/2023 – present

Member, Field Advisory Committee for Chiefs of Medicine, Department of Veterans Affairs

5/2024 – present

Member, Field Advisory Committee for Cardiopulmonary Rehabilitation, Department of Veterans Affairs

10/2020 – present

Member, Executive Committee of the Medical Staff (ECMS), Providence VA Healthcare System

University Committees

2004 - 2007

Member, Medical Faculty Executive Committee, Brown Univ.

2021 - current

Member, Dept. of Medicine's Promotions Committee, Alpert Medical School, Brown Univ.

Membership in Societies

1996 - 1999	Member, American College of Physicians
1999- current	Member, American College of Cardiology
1999- current	Member, American Heart Association
2005- current	Fellow, American College of Cardiology
2007- 2010	Member, Minority Members Committee, American Heart Association
2008- current	Fellow, American Heart Association
2015- current	Member, American Association of Cardiovascular and Pulmonary Rehabilitation
2015 – current:	American Association of Cardiovascular and Pulmonary Rehabilitation (AACVPR) Research Review committee member
2019- current	Fellow, American Association of Cardiovascular and Pulmonary Rehabilitation
7/1/2020 – 6/30/2022	AHA Exercise, Cardiac Rehabilitation, and Secondary Prevention Committee of the Council on Clinical Cardiology
1/2021 – 3/2023	Member, National Quality Forum, Cardiovascular committee, as AHA representative

Original Peer Reviewed Publications

1. **Wu WC**, Rathore SS, Wang Y, Radford MJ, Krumholz HM. Effectiveness of blood transfusion in elderly patients with acute myocardial infarction. *N Eng J Med* 2001; 345(17): 1230-6.
2. Shahi C, Rathore SS, Wang Y, Thakur R, **Wu WC**, Lewis JM, Petrillo MK, Radford MJ, Krumholz HM. Quality of care among elderly patients hospitalized with unstable Angina. *Am Heart J* 2001;142(2):263-70.
3. **Wu WC**, Tilkemeier PL. Significance of right ventricular visualization on stress sestamibi in a patient with dyspnea after atrial-septal-defect repair. *J Nucl Cardiol* 2002;9(2):236-7.
4. Sebastian CC, **Wu WC**, Shafer M, Choudhary G, Patel PM. Pneumopericardium and pneumothorax after permanent pacemaker implantation. *PACE* 2005; 28:1–3.
5. **Wu WC**, Sharma SC, Choudhary G, Coulter L, Coccio E, Eaton CB. Flow Mediated Vasodilation Predicts the Presence and Extent of Coronary Disease Assessed by Stress Thallium Imaging. *J Nucl Cardiol* 2005; 12(5):538-44.

6. Taveira TH, **Wu WC**, Martin OJ, Schleinitz MD, Friedmann P, Sharma SC. Pharmacist-led cardiac risk reduction model. *Prev Cardiol* 2006; 9(4):202-8.
7. Martin OJ, **Wu WC**, Taveira TH, Eaton CB, Sharma SC. Multidisciplinary Group Behavioral and Pharmacologic Intervention for Cardiac Risk Reduction in Diabetes-a Pilot Study. *Diabetes Educator* 2007; 33(1):118-27.
8. **Wu WC**, Schiffner TL, Henderson WG, Eaton CB, Poses RM, Uttley G, Sharma SC, Vezeridis M, Khuri SF, Friedmann PD. Levels of Preoperative Hematocrit Predict Postoperative Cardiovascular and Fatal Outcomes in Elderly Patients Undergoing Major Non-Cardiac Surgery. *J.A.M.A.* 2007; 297(22): 2481-8.
9. Pirraglia PA, Taveira TH, Cohen LB, **Wu WC**. The moderating effect of depression diagnosis on the effectiveness of a multi-factorial cardiovascular risk reduction clinic. *Preventing Chronic Disease* 2008; 5(4): A127 pp1-7
10. Khatana SAM, Taveira TH, Miner M, Eaton CB, **Wu WC**. Does Cardiovascular Risk Reduction Alleviate Erectile Dysfunction in Men with Type 2 Diabetes Mellitus? *Int J Impot Res.* 2008; 20(5): 501-6.
11. Taveira TH, Pirraglia PA, Cohen LB, **Wu WC**. Efficacy of a Pharmacist-led Cardiovascular Risk Reduction Clinic for Diabetic Patients with and without Mental Health Conditions. *Prev Cardiol* 2008; 11(4):195-200. PMID: 19476571.
12. Khatana SA, Taveira TH, Choudhary G, Eaton CB, **Wu WC**. Change in Hemoglobin A1C and C-Reactive Protein Levels in Patients with Diabetes Mellitus. *J Cardiometab Syndr* 2009;4:1-5.
13. Pirraglia PA, Taveira TH, Cohen LB, Dooley A, **Wu WC**. Maintenance of Cardiovascular Risk Goals in Veterans with Diabetes after Discharge from a Cardiovascular Risk Reduction Clinic. *Prev Cardiol* 2009;12(1):3-8.
14. Taveira TH, Friedmann PD, Cohen LB, Dooley AG, Khatana SAM, Pirraglia PA, **Wu WC**. Pharmacist-led Group Medical Appointment Model in Type 2 Diabetes. *Diabetes Educator* 2009; Dec 4 [Epub ahead of print], doi:10.1177/0145721709352383.
15. Choudhary G, Shin V, Punjani S, Ritter N, Sharma SC, **Wu WC**. The Role of Calcium Score and CT Angiography in the medical management of patients with normal myocardial perfusion imaging. *J Nuc Cardiol* 2009; Nov 21[Epub ahead of print]. doi:10.1007/s12350-009-9158-x.
16. Chen CK, Tseng VL, **Wu WC**, Greenberg PB. A Survey of the Current Role of Manual Extracapsular Cataract Extraction. *Journal of Cataract and Refractive Surgery* 2010; 36(4):692-3.
17. **Wu WC**, Smith TS, Henderson WG, Eaton CB, Poses RM, Uttley G, Mor V, Sharma SC, Vezeridis M, Khuri SF, Friedmann PD. Operative Blood Loss, Blood Transfusion and 30-day Mortality in Older Patients after Major Noncardiac Surgery. *Annals of Surgery* 2010 252(1):11-7.

18. Chen CK, Tseng VL, **Wu WC**, Scott IU, Greenberg PB. A Survey on the Use of General Anesthesia for Cataract Surgery. *Graefes Arch Clin Exp Ophthalmol*. 2010;248(7):1051-2.
19. Jankowich MD, Taveira TH, **Wu WC**. Decreased lung function is associated with increased arterial stiffness as measured by peripheral pulse pressure: data from NHANES III. *Am J Hypertension* 2010 23(6):614-9.
20. Cohen LB, Taveira TH, **Wu WC**, Pirraglia PA. Maintenance of risk factor control in patients with diabetes after discharge from a cardiovascular risk reduction clinic in patients with and without mental health conditions. *Annals of Pharmacotherapy* 2010; [Epub ahead of print], DOI 10.1345/aph.1P034.
21. Greenberg PB, Tseng VL, **Wu WC**, Liu J, Jiang L, Chen CK, Scott IU, Friedmann PD. Prevalence and Predictors of Ocular Complications Associated with Cataract Surgery in United States Veterans. *Ophthalmology* 2010 Oct 28. [Epub ahead of print].
22. Greenberg PB, Liu J, **Wu WC**, Jiang L, Tseng VL, Scott IU, Friedmann PD. Predictors of Mortality Within 90 Days of Cataract Surgery. *Ophthalmology* 2010 117(10):1894-9.
23. Khatana SAM, Taveira TH, Dooley AG, **Wu WC**. The Association between C-Reactive Protein Levels and Insulin Therapy in Obese vs. Non-Obese Veterans with Type 2 Diabetes Mellitus. *J Clin Hypertens* 2010;12(6):462-8.
24. Chen CK, Tseng VL, **Wu WC**, Scott IU, Greenberg PB. A Survey of the Management of Antithrombotic Therapy in Cataract Surgery Patients. *J Cataract Refract Surg*. 2010;36(7):1239-40.
25. Choudhary G, Atalay MK, Ritter N, Shin V, Grand D, Pearson C, Kirchner RM, **Wu WC**. Interobserver Reliability In The Assessment Of Coronary Stenoses By Multi-Detector Computed Tomography. *J Comput Assist Tomogr* 2011;35: 126-134.
26. Tseng VL, Greenberg PB, **Wu WC**, Jiang L, Li E, Kang JM, Scott IU, Friedmann PD. Cataract Surgery Complications in Nonagenarians. *Ophthalmology*. 2011 Mar 7. [Epub ahead of print]
27. Punjani S, **Wu WC**, Cohen S, Sharma SC, Choudhary G. Echocardiographic indices of diastolic function relate to functional capacity and quality of life in ambulatory men with atrial fibrillation. *Journal of the American Society of Echocardiography* 2011;24(5): 533-540.
28. Greenberg PB, Tseng VL, Jiang L, **Wu WC**. Cataract Surgery in the very ill. *J Cataract Refract Surg* 2011, 37(5):970-1.
29. **Wu WC**, Waring ME, Lessard D, Yarzebski J, Gore J, Goldberg RJ. 6-Month Mortality and Cardiac Catheterization in Non-ST Elevation Myocardial Infarction Patients with Anemia. *Coronary Artery Disease* 2011, 22:317–323.
30. Khatana SAM, Kane J, Taveira TH, Bauer MS, **Wu WC**. Monitoring and Prevalence Rates of Metabolic Syndrome in Veterans with Major Mental Illness. *PLOS One* 2011, 6(4): e19298. PMID: 21541294

31. Jankowich M, Choudhary G, Taveira TH, **Wu WC**. Age-, Race-, and Gender-Specific Prevalence of Diabetes among Smokers. *Diabetes Research and Clinical Practice* 2011, doi:10.1016/j.diabres.2011;93(3):e101-e105. doi:10.1016/j.diabres.2011.05.029.
32. Taveira TH, Dooley AG, Cohen LB, Khatana SAM, **Wu WC**. Pharmacist-led Group Medical Appointments for the Management of Type 2 Diabetes with Co-Morbid Depression in Older Adults. *Annals of Pharmacotherapy* 2011; DOI: 10.1345/aph.1Q212 (Epub ahead of print).
33. Cohen LB, Taveira TH, Khatana SAM, Dooley AG, Pirraglia PA, **Wu WC**. Pharmacist-led Shared Medical Appointments for Multiple Cardiovascular Risk Reduction in Patients with Type 2 Diabetes. *Diabetes Educator* 2011; 37(6): 785-95. [DOI 10.1177/0145721711423980](https://doi.org/10.1177/0145721711423980)
34. Malandrino N, **Wu WC**, Taveira TH, Whitlatch H, Smith RJ. Association between Red Blood Cell Distribution Width and Macrovascular and Microvascular Complications in Diabetes. *Diabetologia* 2011; 55(1):226-35.
35. **Wu WC**, Trivedi A, Friedmann PD, Henderson WG, Smith TS, Poses RM, Uttley G, Vezeridis M, Eaton CB, Mor V. Association between Hospital Intraoperative Blood Transfusion Practices for Surgical Blood Loss and Hospital Surgical Mortality Rates. *Ann Surg.* 2012 255(4):708-14.
36. Pirraglia PA, Rowland E, **Wu WC**, Taveira TH, Cohen LB, Friedmann PD, O'Toole TP. The benefits of a primary care clinic co-located and integrated in the mental health setting for veterans with serious mental illness. *Preventing Chronic Disease* 2012;9:E51. PMID: 22300871.
37. Li E, Greenberg PB, Tseng V, Caffrey AR, **Wu WC**, Friedmann PD, LaPlante KL. In vitro coagulation effects of ophthalmic doses of bevacizumab. *Journal of Ocular Pharmacology* 2012, Feb 3. [Epub ahead of print].
38. Kapoor M, Schleinitz MD, Gemignani A, **Wu WC**. Outcomes of Patients with Chronic Heart Failure and Iron Deficiency Treated with Intravenous Iron: A Meta-analysis. *Cardiovasc Hematol Disord Drug Targets.* 2012 Sep 27. [Epub ahead of print]
39. Patel N, Taveira TH, Choudhary C, **Wu WC**. C-peptide Levels Predict Cardiovascular Mortality In Nondiabetic Adults. *J Am Heart Assoc.* 2012;1:e003152
40. Cohen S, Gaddam S, Gemignani A, **Wu WC**, Sharma S, Choudhary G. Right Ventricular Function Relates To Functional Capacity In Men With Atrial Fibrillation And Preserved Left Ventricular Ejection Fraction. *Echocardiography* 2013;0:1-9. PMID: 23311348.
41. Kim J, Gaddam S, **Wu WC**, Behera V, Sharma S, Choudhary G. Stratified Reporting of High Sensitivity Troponin I Assay is Associated with Suboptimal Management of Patients with Acute Coronary Syndrome and Intermediate Troponin Elevation. *Journal of Clinical Laboratory Analysis* 2013 Sep;27(5):402-6. doi: 10.1002/jcla.21618. PubMed PMID: 24038227.
42. Sathya B, Davis R, Taveira T, Whitlatch H, **Wu WC**. Intensity of Peri-operative Glycemic Control and Postoperative Outcomes in Patients with Diabetes: A Meta-analysis. *Diabetes Research and Clinical Practice* 102 (2013), pp. 8-15. DOI information: 10.1016/j.diabres.2013.05.003

43. Chatterjee S, Kim J, Dahhan A, Choudhary G, Sharma S, **Wu WC**. Use of High-Sensitivity Troponin Assays Predicts Mortality in Patients with Normal Conventional Troponin Assays on Admission - Insights from a Meta-Analysis. *Clinical Cardiology* 2013. doi: 10.1002/clc.22196. [Epub ahead of print] PubMed PMID:24037966.
44. Khatana SAM, Jiang L, **Wu WC**. A comprehensive analysis of multidisciplinary management of dyslipidemia in a large health care system. *Journal of Evaluation in Clinical Practice* 2013. doi:10.1111/jep.12082. [Epub ahead of print] PubMed PMID: 24118549.
45. Sardar P; Chatterjee S; **Wu WC**; Lichstein E; Ghosh J; Aikat S; Mukherjee D. New Oral Anticoagulants are not Superior to Warfarin in Secondary Prevention of Stroke or Transient Ischemic Attacks, but Lower Risk of Intracranial Bleeding: Insights From a Meta- Analysis and Indirect Treatment Comparisons. *PLoS ONE* 2013; 8(10): e77694. doi:10.1371/journal.pone.0077694.
46. Taveira TH; **Wu WC**; Tschibelu E; Borsook D; Simonson D; Yamamoto R; Langleben DD; Swift R; Elman I. Naltrexone decreases body fat mass in olanzapine-treated schizophrenic or schizoaffective patients: a randomized double-blind placebo-controlled study. *Journal of Psychopharmacology* 2013. Nov 11. PMID: 24218048
47. Choudhary G, Jankowich M, **Wu WC**. Prevalence And Clinical Characteristics Associated With Pulmonary Hypertension In African-Americans. *PLoS One*. 2013;8(12):e84264. doi: 10.1371/journal.pone.0084264. PMID: 24358351.
48. Kirsh S, **Wu WC**, Edelman D, Aron DC. Research versus Quality Improvement: Distinct or a Distinction without a Difference? *The Joint Commission Journal on Quality and Patient Safety* 2014; 40(8): 365-75.
49. Taveira TH, **Wu WC**. Interventions to maintain cardiac risk control after discharge from a cardiovascular risk reduction clinic: A randomized controlled trial. *Diabetes Res Clin Pract* (2014), <http://dx.doi.org/10.1016/j.diabres.2014.05.013> PMID: 24969964
51. Choudhary G, Jankowich M, **Wu WC**. Elevated Pulmonary Artery Systolic Pressure Predicts Heart Failure Admissions in African Americans: Jackson Heart Study. *Circ Heart Fail*. 2014 Jun 5. pii: CIRCHEARTFAILURE.114.001366. [Epub ahead of print]. PMID: 24902739
52. **Wu WC**, Jiang L, Friedmann PD, Trivedi A. Association Between Process Quality Measures for Heart Failure and Mortality Among U.S. Veterans. *Am Heart J* 2014; 168(5): 713–720.e3.
53. Greenberg PB, Chen AJ, **Wu WC**. Sudden vision loss and cardiovascular risk factors in African Americans: the Jackson Heart Study. *Ophthalmic Epidemiol*. 2015; 22(2):116-22. doi: 10.3109/09286586.2015.1012273. PubMed PMID: 25777311.
54. Jones LG, Sin M-K, Hage FG, Kheirbek RE, Morgan CJ, Zile MR, **Wu WC**, Deedwania P, Fonarow GC, Aronow WS, Prabhu SD, Fletcher RD, Ahmed A, Allman RM. Characteristics and Outcomes of Patients with Advanced Chronic Systolic Heart Failure Receiving Care at the Veterans Affairs vs. Other Hospitals: Insights from the BEST Trial. *Circ Heart Fail*. 2015; DOI: 10.1161/CIRCHEARTFAILURE.114.001300.

55. Chan KH, Chacko SA, Song Y, Cho M, Eaton CB, **Wu WC**, Liu S. Genetic variations in magnesium-related ion channels may affect diabetes risk among African American and Hispanic American women. *J Nutr.* 2015;145(3):418-424. doi:10.3945/jn.114.203489. PMID: 25733456; PMCID: PMC4336527
56. Steiner J, **Wu WC**, Jankowich M, Maron BA, Sharma S, Choudhary G. Echocardiographic Predictors of Mortality in Patients with Pulmonary Hypertension and Cardiopulmonary Comorbidities. *PLoS ONE* 03/2015; 10(3):e0119277. DOI:10.1371/journal.pone.0119277
57. Lin X, Zhang X, Guo J, Roberts CK, McKenzie S, **Wu WC**, Liu S, Song Y. Effects of Exercise Training on Cardiorespiratory Fitness and Biomarkers of Cardio-metabolic Health: A Systematic Review and Meta-analysis of Randomized Controlled Trials. *J Am Heart Assoc.* 2015 (4:e002014 doi: 10.1161/JAHA.115.002014)
58. Salmoirago-Blotcher E, Wayne P, Bock BC, Dunsiger S, **Wu WC**, Stabile L, Yeh G. Design and methods of the Gentle Cardiac Rehabilitation Study - A behavioral study of tai chi exercise for patients not attending cardiac rehabilitation. *Contemporary Clinical Trials* 06/2015; DOI:10.1016/j.cct.2015.06.020
59. Chen A, Trivedi AN, Jiang L, Vezeridis M, Henderson WG, **Wu WC**. Hospital Blood Transfusion Patterns During Major Noncardiac Surgery and Surgical Mortality. *Medicine* 2015; 94(32):e1342. doi: 10.1097/MD.0000000000001342. PMID 26266384.
60. Kingsley SL, Eliot M, Whitsel E, Wang Y, Coull B, Hou L, Margolis HG, Margolis KL, Mu L, **Wu WC**, Johnson KC, Allison MA, Manson JE, Eaton CB, Wellenius G. Residential proximity to major roadways and incident hypertension in post-menopausal women. *Environmental Research* 2015; 142:522–528.
61. Santos CY, Lim YY, **Wu WC**, Polynice S, Maruff P, Snyder PJ. Resting-State Cardiac Workload is Related to Both Increased Neocortical Aggregation of β -Amyloid Protein and Relative Impairments in Spatial Working Memory in Pre-Clinical Alzheimer's Disease. *J Alzheimers Dis.* 2015;50(1):127-31. doi: 10.3233/JAD-150576.
62. Fernandez A, Chatterjee S, Cramer B, Jayaraman R, **Wu WC**. Age-Related Macular Degeneration and Incident Stroke: A Systematic Review and Meta-analysis. *PLoS One.* 2015; 10(11):e0142968. doi: 10.1371/journal.pone.0142968.
63. Charlton GT, Slomka T, **Wu WC**, Choudhary G. Right Ventricular Function is Associated with Left Ventricular Stroke Volume in Patients with Severe Aortic Stenosis and Preserved Ejection Fraction. *Echocardiography* 12/2015; DOI:10.1111/echo.13160
64. Jankowich M, Elston B, Evans SK, **Wu WC**, Choudhary G. Relationship of Iron Deficiency and Serum Ferritin Levels with Pulmonary Hypertension: The Jackson Heart Study. *PLoS One.* 2016;11(12):e0167987. PubMed PMID: 27973582.
65. Tokuda L, Lorenzo L, Theriault A, Taveira TH, Marquis L, Head H, Edelman D, Kirsh SR, Aron DC, Wu WC. The utilization of video-conference shared medical appointments in rural diabetes care. *Int J Med Inform.* 2016;93:34-41. PMID: 27435945.
66. Lacy ME, Wellenius GA, Carnethon MR, Loucks EB, Carson AP, Luo X, Kiefe CI, Gjelsvik A, Gunderson EP, Eaton CB, **Wu WC**. Racial differences in the performance of existing risk

prediction models for incident type 2 diabetes: The CARDIA study. *Diabetes Care*. 2016; 39(2):285-91. doi: 10.2337/dc15-0509.

67. Joseph JJ, Echouffo-Tcheugui JB, Kalyani RR, Yeh HC, Bertoni AG, Effoe VS, Casanova R, Sims M, Correa A, **Wu WC**, Wand GS, Golden SH. Aldosterone, Renin and Diabetes Mellitus in African Americans: The Jackson Heart Study. *The Journal of clinical endocrinology and metabolism*. 2016; :jc20161002. PMID: 26908112
68. Dev S, Lacy ME, Masoudi FA, **Wu WC**. Temporal Trends and Hospital Variation in Mineralocorticoid Receptor Antagonist Use in Veterans Discharged With Heart Failure. *Journal of the American Heart Association*. 2015; 4(12). PMID: 26702082
69. Taveira TH, Ouellette D, Gulum A, Choudhary G, Eaton CB, **Wu WC**. Relation of magnesium intake with cardiac function and heart failure hospitalizations in Black adults: the Jackson Heart Study. *Circulation Heart Failure* 2016 Apr;9(4): e002698. PubMed PMID: 27056880.
70. Jankowich MD, **Wu WC**, Choudhary G. Association of Elevated Plasma Endothelin-1 Levels With Pulmonary Hypertension, Mortality, and Heart Failure in African American Individuals: The Jackson Heart Study. *JAMA Cardiol*. 2016;1(4):461-9. PMID: 27438323.
71. Sanam K, Bhatia V, Bajaj NS, Gaba S, Morgan CJ, Fonarow GC, Butler J, Deedwania P, Prabhu SD, **Wu WC**, White M, Love TE, Aronow WS, Fletcher RD, Allman RM, Ahmed A. Renin-Angiotensin System Inhibition and Lower 30-day All-cause Readmission in Medicare Beneficiaries with Heart Failure. *American Journal of Medicine* 2016; 129: 1067-1073.
72. Greenberg PB, Chen AJ, **Wu WC**. Sudden Vision Loss and Mortality: The Jackson Heart Study. *Ophthalmic Epidemiol*. 2016; 23(5):285-91. doi: 10.1080/09286586.2016.1215476. Epub 2016 Aug 23. PMID: 27552478.
73. Weaver AM, Wellenius GA, **Wu WC**, Hickson DA, Kamalesh M, Wang Y. Residential Proximity to Major Roadways Is Not Associated with Cardiac Function in African Americans: Results from the Jackson Heart Study. *Int J Environ Res Public Health*. 2016;13(6). pii: E581. doi: 10.3390/ijerph13060581. PubMed PMID: 27304962.
74. Arundel C, Lam PH, Khosla R, Blackman MR, Fonarow GC, Morgan C, Zeng Q, Fletcher RD, Butler J, **Wu WC**, Deedwania P, Love TE, White M, Aronow WS, Anker SD, Allman RM, Ahmed A. Association of 30-Day All-Cause Readmission with Long-Term Outcomes in Hospitalized Older Medicare Beneficiaries with Heart Failure. *Am J Med*. 2016 pii: S0002-9343(16)30675-1. doi: 10.1016/j.amjmed.2016.06.018. PubMed PMID: 27401949.
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10. **Wu WC**, Martin OJ, Taveira TH, Schleinitz MD, Mor V, Sharma SC. Durability of guideline adherence in coronary disease and diabetic patients after discharge from a cardiovascular risk reduction clinic. *Circulation* 2004; 109(20):e285, P41.
11. Patel PM, **Wu WC**, Cheng J, Martin OJ, Taveira TH, Sharma SC. Pattern of care of outpatients with coronary artery disease in a VA hospital. *Circulation* 2004;109(20):e231, P184.
12. Misra B, Gopalakrishnan G, Martin O, **Wu WC**, Taveira T, Anderson M, Sharma SC. Cardiovascular risk reduction programs for patients with diabetes. *Circulation* 2005;111(14): e209, P80.
13. **Wu WC**, Schiffner TL, Henderson WG, Eaton CB, Poses RM, Uttley G, Sharma SC, Vezeridis M, Khuri SF, Friedmann PD. Levels of Preoperative Hematocrit Predict Postoperative Cardiovascular and Fatal Outcomes in Elderly Patients Undergoing Major Non-Cardiac Surgery. VA HSR&D 2007 National Meeting Abstract. Washington, D.C., Feb 2007.
14. Pirraglia PA, Taveira TH, Cohen LB, **Wu W**. Depression diagnosis impact on the effectiveness of a multidisciplinary diabetes and cardiovascular risk reduction clinic. *Journal of General Internal Medicine*, 22(Supplement 1):17, 2007.
15. Taveira TH, Pirraglia PA, Cohen LB, **Wu WC**. Pharmacist-led Cardiac Risk Reduction Clinic Reduces Framingham Risk Score in Patients with Diabetes and Mental Illness. American Psychosomatic Society 65th Annual Scientific Meeting. Budapest, Hungary March 10, 2007. *Psychosomatic Medicine* 2007;69 (Supplement 1:1585) A-81.
16. Taveira TH, Cohen LB, Pirraglia PA, Friedmann PD, **Wu WC**. Pharmacist-led Group Medical Visits for Cardiovascular Risk Reduction in Diabetes. VA National HSRD 2008. National Meeting Abstract, Baltimore, MD, Feb 2008.
17. Khatana S, Taveira TH, Choudhary G, Eaton CB, **Wu WC**. Change In Hemoglobin A1c And C-reactive Protein Levels In Patients With Diabetes Mellitus American Heart Association 48th Cardiovascular Disease Epidemiology and Prevention and Nutrition, Physical Activity and Metabolism Conference. Colorado Springs, Colorado, March 11 –15, 2008.
18. Taveira TH, Cohen LB, Pirraglia PA, Friedmann PD, **Wu WC**. Pharmacist-led Group Medical Visits for Cardiovascular Risk Reduction in Diabetes. American Heart Association 48th Cardiovascular Disease Epidemiology and Prevention and Nutrition, Physical Activity and Metabolism Conference. Colorado Springs, Colorado, March 11 –15, 2008.
19. Cohen LB, Taveira TH, **Wu WC**, Pirraglia P. The Impact of Mental Health Conditions on Maintenance of Risk Factor Control in Diabetic Patients After Discharge from a Cardiovascular Risk Reduction Clinic. Academy Health 25th Annual Research Meeting. Marriott Wardman Park, Washington, DC. June 8-10, 2008.
20. **Wu WC**, Smith TS, Henderson WG, Eaton CB, Poses RM, Uttley G, Sharma SC, Vezeridis M, Khuri SF, Friedmann PD. Preoperative Hematocrit Is Not Predictive of CNS Events

in Elderly Patients After Major Non-Cardiac Surgery. VA National QUERI Meeting 2008, Phoenix, AZ.

21. **Wu WC**, Lessard D, Goldberg RJ. Underuse of, and Mortality Associated With, Cardiac Catheterization in Patients with Acute Myocardial Infarction According to Anemia Status. VA National HSR&D meeting. Baltimore Marriott Waterfront, Baltimore, MD. Feb 10-12, 2009.

22. Prachanronarong K, Khatana SAM, Taveira TH, Cohen LB, Dooley AG, Pirraglia PA, Friedmann PD, **Wu WC**. Pharmacist-led Group Medical Visits for Multiple Cardiovascular Risk Reduction in Patients with Type 2 Diabetes. VA National HSR&D meeting. Baltimore Marriott Waterfront, Baltimore, MD. Feb 10-12, 2009.

23. **Wu WC**, Jiang L, Pirraglia P, O'Toole T, Friedmann P. Multidisciplinary Service Utilization and Cholesterol Guideline Implementation for Patients with Coronary Disease or Diabetes. AHA American Heart Association 49th Cardiovascular Disease Epidemiology and Prevention and Nutrition, Physical Activity and Metabolism Conference. *Circulation* 2009; 119: e353, P322.

24. Taveira TH, Cohen LB, Dooley AG, Pirraglia PA, Friedmann PD, **Wu WC**. Pharmacist-Led Group Medical Visits for Diabetes in Patients with Comorbid Depression. AHA Joint Conference - Cardiovascular Disease Epidemiology and Prevention and Nutrition, Physical Activity, and Metabolism. *Circulation* 2009; 119: e359.

25. **Wu WC**, Parker D, Taveira TH, Choudhary G, Eaton C. Prevalence of Diabetes Among Adult Smokers: Need for Early Screening? AHA National Meeting 2009; Orlando, FLA.

26. **Wu WC**, Lessard D, Yarzebski J, Gore J, Goldberg RJ. Anemia and Invasive Management Utilization in Acute Non-ST Elevation Myocardial Infarction. AHA National Meeting 2009; Orlando, FLA.

27. Chen CK; Tseng VL; **Wu WC**; Greenberg PB. Current Role of Manual Extracapsular Cataract Extraction in Veterans Health Administration. American Society of Cataract and Refractive Surgery (ASCRS) 2010; Boston, MA.

28. Tseng VL; Greenberg PB; **Wu WC**; Jiang L; Scott IU; Friedmann PD. Cataract Surgery Complications in Nonagenarians. Joint Meeting of the American Academy of Ophthalmology and the Middle East Africa Council of Ophthalmology, October 16-19 2010; Chicago, IL.

29. Trivedi AN, Jiang L, Friedmann PD, **Wu WC**. Adherence to Quality Measures and Mortality among Veterans with Congestive Heart Failure. 2011 VA National HSRD meeting, Washington DC, February 2011.

30. Taveira TH, Dooley AG, Cohen LB, Khatana SAM, **Wu WC**. Effectiveness of Different Strategies in Maintaining Target Goals of Cardiovascular Risk Factors in Patients Discharged from a Cardiovascular Risk Reduction Clinic. AHA CVD Epidemiology and Prevention Scientific sessions 2011, March 14-16, San Diego, CA.

31. Khatana SAM, Kane, J, Taveira TH, Bauer MS, **Wu WC**. Monitoring and prevalence rates of metabolic syndrome in veterans with major mental illness. AHA CVD Epidemiology and Prevention Scientific sessions 2011, March 14-16, San Diego, CA.

32. Patel N, Taveira TH, Choudhary C, **Wu WC**. C-peptide Levels Predict Cardiovascular And Diabetes Related Mortality In Nondiabetic Adults, American Heart Association Scientific Sessions 2011, Orlando, FLA; November 15th, 2011.

33. Gemignani A, Kapoor M, Cohen S, Sharma SC, Choudhary G, **Wu WC**. Preoperative Renin-Angiotensin System Inhibitor Use is Associated with Worse Clinical Outcomes Following Cardiovascular Surgery: Results of a Meta-Analysis. American Heart Association Scientific Sessions 2011, Orlando, FLA; November 15th, 2011.

34. Jankowich M, Choudhary G, Klinger J, **Wu WC**. Relationship Between Lung Function And Albuminuria: Data From The Third National Health And Nutrition Examination Survey (NHANES III). 2012 ATS International Conference in San Francisco, California.

35. Grebla RC; Wellenius GA; Eaton CB; Gatsonis C, **Wu WC**. Beta-Blocker Monotherapy is Inferior to Treatment with Angiotensin-Converting-Enzyme Inhibitor/Angiotensin-Receptor Blocker or Combined Therapy after Hospital Discharge among Patients with Acute Decompensated Heart Failure with Reduced Ejection Fraction. *Circ Cardiovasc Qual Outcomes*. 2012; 5: A99.

36. Lacy ME, Wellenius G, Eaton CB, Loucks EB, Correa A, Gjelsvik A, **Wu WC**. Examining the Gender-specific Effect of Adding Hemoglobin A1c to Existing Diabetes Risk Prediction Models: the Jackson Heart Study. American Diabetes Association 74th Scientific Sessions. San Francisco, CA: June 13-17, 2014.

37. Dev S, Lacy ME, Masoudi F, **Wu WC**. Patient Characteristics Associated with Appropriate Use of Aldosterone Antagonists in a National Cohort of Veterans Hospitalized with Heart Failure. *Circ Cardiovasc Qual Outcomes*. 2014;7:A158

Stopped recording after 2014 due to high volume.

Invited Presentations

Local

1. Outpatient Management of Chronic Stable Angina. RI Chapter of American College of Cardiology's Symposium: "Second Annual Cardiology for the Primary Care Provider", September 24, 2003; Warwick, RI
2. "BNP and the management of CHF." Medical Grand Rounds, Roger Williams Hospital, Boston University School of Medicine. March, 2005; Providence, RI.
3. "NOVEL RISK FACTORS OF CARDIOVASCULAR DISEASE", *Cardiovascular Disease and Cancer Behavioral Medicine Seminar Series*. The Miriam Hospital and Brown University. October 9, 2007; Providence, RI.
4. "Preoperative Risk Stratification for non-cardiac surgery", Cardiology Grand Rounds. Rhode Island Hospital and Lifespan. November 2nd, 2007.
5. "Pathophysiology of Cardiovascular Diseases", RI Dept. of Health Cardiovascular disease educator certification course; October 7th, 2009, Warwick Sheraton Hotel, RI.

6. "Anemia and Transfusions in the ICU", Pulmonary Research Seminar, October 19th, 2009, Rhode Island Hospital.
7. "Anemia and Transfusions in the ICU", at 2009 Update in Critical Care "Where are we now, and where are we going?" by Rhode Island Hospital, Providence, RI.
8. "*Group Medical Visits in Diabetes*", Center for Primary Care and Prevention Grand Rounds, March 15th, 2011; Memorial Hospital of Rhode Island.
9. "*Group Medical Visits in Diabetes*", Medical Grand Rounds - General Internal Medicine Update, March 22, 2011; Rhode Island Hospital.
10. "*Obesity, Insulin Resistance, Diabetes and Cardiovascular Disease*", Alpert Medical School of Brown University. Adult and Pediatric Endocrine Grand Rounds, October 17, 2012; Rhode Island Hospital.
11. Obesity, Insulin Resistance, Diabetes and Cardiovascular Disease, Alpert Medical School of Brown University. Cardiology Grand Rounds, May 9th, 2014; Rhode Island Hospital.
12. Magnesium Intake or Supplementation and Heart failure, Center for Primary Care and Prevention, Brown University. Grand Rounds, September 10th, 2014; Memorial Hospital of Rhode Island.
13. Cardiac Rehabilitation, Weight Control and Diabetes Research Center, Miriam hospital, September 29th, 2015, CARDIOVASCULAR BEHAVIORAL MEDICINE lecture series.
14. Reducing hospitalization and improving outcomes in heart failure. Alpert Medical School of Brown University. Cardiology Grand Rounds, October 30th, 2015; Rhode Island Hospital.
15. Epidemiological and Health Services Research to Improve Heart Failure Outcomes. Keynote speakers. May 20th, 2016 Research week presentation, Dept. of Veterans Affairs, Providence, RI.
16. "Cardiac Rehabilitation, a Treatment for Cardiovascular Disease", MEDICINE GRAND ROUNDS, September 15th, 2020; Rhode Island Hospital.

Regional

1. "Radiation Exposure in Cardiac Imaging", at INVESTIGATION, INSTITUTIONAL COMMITTEES & INNOVATION Conference of the Massachusetts Medical Society, Waltham, MA. September 25, 2008
2. "Dyslipidemia in the Elderly, is it too late to help?", at 2009 Senior Symposium by the Connecticut Chapter of the American Society of Consultant Pharmacists, Ledyard, CT.
3. "Outpatient management of CHF exacerbation", Primary Care Retreat, September 29th, 2010, White's of Westport, Westport, MA.
4. "Interobserver Reliability in the Assessment of Coronary Stenoses by Multi-Detector Computed Tomography" West Roxbury VA Medical Center, October 22, 2010.

5. Obesity, Insulin Resistance, Diabetes and Cardiovascular Disease. 44th Annual Samuel D. Plotkin Cardiovascular Symposium - April 28th, 2015, The Heart & Vascular Program at Baystate Medical Center, Springfield, MA.
6. "Exercise Training with Left Ventricular Assist Devices; Case Study Presentations Illustrating Theory with Practice", Massachusetts chapter of American Association of Cardiovascular and Pulmonary Rehabilitation, May 19th, 2016– Framingham, MA. **Wu WC** & Harsha Ganga.
7. "Epidemiological and Health Services Research to Improve Heart Failure Outcomes", Cardiology Grand Rounds, Medical University of South Carolina, Charleston, SC; October 5th, 2017.
8. "Association of Sickle Cell Trait With Hemoglobin A1c in African Americans" Molecular and Cellular Biology and Pathobiology Seminar, Medical University of South Carolina, Charleston, SC; October 5th, 2017.
9. "System redesign to Improve outcomes in heart failure", Cardiology Grand rounds, West Roxbury VAMC, West Roxbury, MA; February 12, 2019.
10. "System redesign to Improve outcomes in heart failure", Cardiology Grand rounds, West Haven VAMC, West Haven, CT; May 24, 2019.
11. "System redesign to Improve outcomes in heart failure", Visiting Professorship, University of Cincinnati, Cincinnati, OH; May 31, 2019.
12. "Cardiac Rehabilitation, a Treatment for Cardiovascular Disease", Cardiology Grand rounds, West Roxbury VAMC, West Roxbury, MA; January 12th, 2021.
13. "American Association of Cardiovascular and Pulmonary Rehabilitation Update", Massachusetts Association of Cardiovascular and Pulmonary Rehabilitation symposium; October 19, 2023; Hampton Inn; Natick, MA.
14. "Cardiac Rehabilitation in Women with Heart Disease," Minnesota Association of Cardiovascular and Pulmonary Rehabilitation Annual Conference; April 12th, 2024; Plymouth, MN (Remote presentation).
15. "Obesity and Cardiovascular Disease, Case Study of Asian Americans", Keynote speaker, ASIAN AMERICAN HEALTHEQUITY SYMPOSIUM, May 28th, 2024, George Washington University, Washington, DC

National Meetings/Programs

1. **Wu WC**, Kirsh S, Edelman D. Workshop in "Inter-professional Diabetes Care: Research and Operational Issues of Group Appointments", 2008 VA HSR&D QUERI National Meeting, December 10-12, 2008; Phoenix, AZ.
2. "Anemia and Acute Myocardial Infarction", Quality Scholars Conference. Louis Stokes Cleveland Dept. of Veterans Affairs Medical Center. May 21st, 2009.

3. "Pharmacist-Led Group Medical Appointments for Cardiac Risk Reduction in Diabetes", Medicine / Primary Care Noon Conference. Louis Stokes Cleveland Dept. of Veterans Affairs Medical Center. May 21st, 2009.
4. "NOVEL RISK FACTORS OF CARDIOVASCULAR DISEASE", *Medicine Grand Rounds*, Honolulu VA Medical Center, February 24, 2010; Honolulu, HI.
5. **Wu WC**, Pascuzzi K, Taveira TH. "The Art & Science of Shared Medical Appointments: Lessons Learned", VA Employee Education System, May 31, 2011; National webcast.
6. "Practical Approach to Group Visits or SMAs", VISN 7 (VHA) Shared Medical Appointments (SMA) Mini-Collaborative, October 25-26, 2011 in Duluth, GA.
8. "Status of SMA Implementation", VISN 7 (VHA) Shared Medical Appointments (SMA) Mini-Collaborative, April 24-25, 2012 in Duluth, GA.
9. **Wu WC**. "Adherence to Quality Measures and Mortality among Veterans with Congestive Heart Failure" CHF QUERI; March 14th, 2012; National webcast.
10. **Wu, WC**. "Group Medical Visits: System Redesign Practice to Enhance Patient Centered-Care" Specialty and Surgical Collaborative learning session; VA Employee Education System, September 21, 2012, National webcast
11. **Wu WC**. "Implementation of Transition of Care Model in CHF to Reduce Rehospitalization Rates" CHF QUERI; November 28th, 2012; National webcast.
16. **Wu WC**. "Group Visits" Specialty and Surgical Collaborative Practice Day (Learning Session #3), VA Employee Education System, January 9, 2014; VA National webcast
17. **Wu WC**. "In-person Outpatient Care Delays, Virtual Clinic Visits and Associated Mortality among Veterans with Heart Failure During the COVID-19 Pandemic" 2023 Dept. of Veterans Affairs HSR&D/QUERI National Meeting; February 10, 2023, Baltimore, MD.

International Meetings/Programs

1. "Blood Transfusion Use in AML." Society of Critical Care Medicine 33rd Critical Care Congress: "Transfusion Medicine Today – Blood Banking", February 23, 2004; Orlando, FL.
2. "C-peptide Levels Predict Cardiovascular And Diabetes Related Mortality In Nondiabetic Adults", American Heart Association Scientific Sessions 2011, Orlando, FL; November 15th, 2011.
3. "Reducing hospitalization and improving outcomes in heart failure"; Visiting Professorship, Dept. of Emergency Medicine; National Taiwan University Hospital, August 18th, 2014.
4. "Relationship between Dietary Magnesium Intake and Heart Failure Hospitalizations in African American Adults: The Jackson Heart Study", American Heart Association Scientific Sessions, November 16, 2014; Chicago, IL.
5. "Clinical Efficacy of Phase 3 Maintenance Programs in Cardiac Rehabilitation" at Cardiac Rapid Fire

Roundtables- 30th American Association of Cardiovascular and Pulmonary Rehabilitation Scientific Meeting; Marriott Wardman Park, Washington, DC; September 11th, 2015.

6. Wu WC & Harsha Ganga. “Exercise Training with Left Ventricular Assist Devices”; 31st American Association of Cardiovascular and Pulmonary Rehabilitation Scientific Meeting; September 9, 2016, Hilton New Orleans Riverside, New Orleans, Louisiana.

7. System Redesign to Reduce Re-Hospitalizations in Heart Failure. Federación Argentina De Cardiología (FAC) XXXVI National Congress of Cardiology; June 1st, 2018; Mendoza, Argentina.

8. “Cardiac Rehabilitation in Women with Heart Disease.” Federación Argentina De Cardiología (FAC) XXXVI National Congress of Cardiology; June 1st, 2018; Mendoza, Argentina.

9. Wu WC & Hafiz Imran. “Cardiac Rehabilitation after Spontaneous Coronary Artery Dissection”; 33rd Association of Cardiovascular and Pulmonary Rehabilitation Scientific Meeting; September 13, 2018; Kentucky International Convention Center; Louisville, KY.

10. “Diabetes Management in Cardiac Rehabilitation 2018: Beyond Glycemic Control”; 33rd Association of Cardiovascular and Pulmonary Rehabilitation Scientific Meeting; September 13, 2018; Kentucky International Convention Center; Louisville, KY.

11. “Transfusión sanguínea en pacientes con infarto agudo de miocardio, el comienzo de una carrera de investigación.” Academia Nacional de Medicina de Costa Rica conferencia en línea: Orgullo Nacional en el extranjero; August 11, 2022 (Zoom conference, San Jose Costa Rica).

12. “The Burden and Health Care of Obesity Among Asian American Populations”; 38th Association of Cardiovascular and Pulmonary Rehabilitation Scientific Meeting; September 13, 2023; Baird Convention Center; Milwaukee, WI.

Grants

2003-2005	Scios, Inc.	“The use of nesiritide for treatment of acute decompensated congestive heart failure complicated by acute renal insufficiency” Role: PI \$20,000 Direct costs (no grant number)
2003- 2005	Merck, Inc.	“Effectiveness of different strategies in maintaining target of cardiovascular risk factors in patients discharged from cardiovascular risk reduction clinic” (no grant number) Role: PI \$35,000 Direct costs
2004-2006	CVT-5131	“A Phase III, Randomized, Double-Blind Study of Intravenous CVT-3146 vs. Adenoscan® in Patients Undergoing Stress Myocardial Perfusion Imaging”: (no grant number) Role: site PI \$20,000 Direct
2005	RI Foundation	Multidisciplinary Behavioral and Pharmacological Intervention for Cardiac Risk Reduction in Diabetes. (no grant number)

2005-2007	VA HSR&D	<p>Role: PI \$9,952 Direct costs</p> <p>IIR- 04-313 "Variability in Surgical Blood transfusion Practices and Cardiovascular Outcome";</p> <p>Role: PI \$ 171,850 Direct costs</p>
2006-2007	Am Coll. Clin. Pharm.	<p>"Pharmacist-led Group Intervention for Diabetes and Psychiatric Illness":</p> <p>Role: <u>Mentor</u>, Co-I; (Taveira: trainee PI)</p> <p>\$20,000 (no grant number)</p>
2006-2008	Am Soc. Hosp. Pharm.	<p>"Pharmacist-led Telehealth Disease Management in Patients with Diabetes and Depression": (no grant number)</p> <p>Role: <u>Mentor</u>, Co-I; Cohen, PI trainee), \$25,000</p>
2006-2008	Auxilium, Inc.	<p>"Effect of Testosterone on flow-mediated vasodilation, small artery elasticity index, insulin resistance, and erectile dysfunction in men with hypogonadism" (no grant number)</p> <p>Role: Co-investigator (PI = Miner), \$20,000</p>
2006-2008	Daugherty Foundation	<p>"Multi-Targeted Cardiac Risk Intervention in Type 2 Diabetes", (no grant number)</p> <p>Role: PI: \$50,000 Direct costs</p>
2007-2009	VA HSRD	<p>VISN-1 Patient Safety Center of Inquiry, "Clinical Trial of a Home Safety Intervention for Alzheimer's Disease" (NRH 05-056 PI: Horvath), "PROVIDENCE VAMC CHF Clinic" substudy,</p> <p>Role: co-I: \$45,000 Direct costs</p>
2008-2012	VA HSR&D	<p>IAB – 06-269 "Group Intervention for DM Guideline Implementation",</p> <p>Role: PI: \$ 900,000 Direct costs</p>
2009-2011	VA HSR&D	<p>Supplement to IAB-06-269: Implementation of Honolulu VAMC in group intervention for DM and feasibility of video-conferencing diabetes group intervention in American Samoa,</p> <p>Role: PI: \$169,990.</p>
2010-2011	VA QUERI - HSR&D	<p>RRP 09-172 "Variations in Quality of Care and Outcomes for Veterans with Heart Failure",</p> <p>Role: PI: \$100,000 direct</p>
2010-2013	Dept. Med, Brown Univ.	<p>Chairman's developmental research grant program "Role of systemic vascular dysfunction in exercise tolerance rehabilitation in COPD" (Jankowich, PI, mentee): \$50,000.</p>

		Role: Co-I, <u>Mentor</u> .
2011	VA HSR&D	Supplement to IAB-06-269: Assessment of Patient Satisfaction in Group Intervention for DM, Role: PI: \$41,500
2011-2012	VA QUERI - HSR&D	RRP 10-229 "Medical Center Implementation of PCMH in Acute CHF to Reduce Rehospitalization Rates", Role: PI: \$100,000 direct
2012-2014	AHA Founder Affiliate	12CRP9840018 "Behavioral activation therapy for both depression and diabetes vs. diabetes alone delivered via group visits. Role: co-PI, <u>mentor</u> (Taveira, PI mentee); \$75,000
2012-2013	RI Foundation	#20113648 "Effect of cardiovascular risk reduction on systemic vascular function in diabetics with COPD." Role: co-I, <u>mentor</u> (Jankowich, PI mentee); \$13,790.
2012-2013	VA CHF QUERI	Heart Failure Shared-Medical-Appointment to provide early (<7 days) post-heart failure discharge follow-up. Role: PI; \$24,800.
2013-2014	VA Diabetes QUERI	RRP 12-452 "Video-Conference Shared Medical Appointments to Improve Rural Diabetes Care." Role: PI, \$100,000
2013-2014	VA CHF QUERI	Pre-Implementation Study of Spironolactone Appropriateness and Safety Monitoring. Role: Multi-PI (Dev, contact PI); \$100,000.
2013 – 2016	VA HSR&D	IIR 12-346 "Patient-experienced Integrated Care for Veterans with Multiple Chronic Conditions" Role: Co-I (PI: Meterko, M) \$1,048,073
2014 – 2016	R34 AT 007569	Development of A Tai-Chi Program To Overcome Barriers To Cardiac Rehabilitation (\$705,857 direct) Role: Co-I (PI: Salmoirago-Blotcher)
7/2015 – 6/2017	1 NIH F31 DK105791-01A1	The effect of sickle cell trait status on diabetes prediction in African Americans Role: <u>Sponsor</u> (Mentee: Mary E. Lacy, PhD Candidate) \$ 82,000
2015-2016	NIH 5R01CA155381-04	Quit for Health study: Role: Co-I (PI: D Williams – Brown University,

		Subcontract 710-9852 TMH: S Dunsiger)
09/01/11-05/31/16 NHLBI 5 R01HL109116-04		“Efficacy of Exercise Videogames for Physical Activity Adoption and Maintenance” (B. Bock, PI) \$367,976 per yr Role: Co-Investigator 0.6 Calendar
9/2/2016-8/31/2017 NIH/NHLBI 1R56HL131711-01A1		“Integrated Smoking Cessation and Mood Management for ACS Patients” (Busch, PI) \$499,997 Role: Co-Investigator 0.6 calendar
10/1/2016 – 9/30/2018 VA ORD Million Veterans Program Beta Project		“Genetic Risk for AMD in Diverse Veteran Populations” (Konicki, Peachey & Fliesler, MPIs) Role: Site PI, Co-I; 0.6 calendar \$121,500
2017-2019 Rhode Island Foundation		Magnesium Supplementation for Primary Prevention of Heart Failure in Obesity” Role: PI: \$25,000
08/01/15 – 03/30/20 VA HSR&D IIR 14-293-2		“Group Medical Visits in Heart Failure for Post-Hospitalization Follow-Up” \$1,090,000 Role: PI 3 CM
3/1/16 – 2/28/20 VA HSR&D IIR I01 HX002096-01		“Peer Support to Enhance Diabetes Shared Medical Appointments: Examining Comparative Effectiveness in VA Health Systems” \$1,399,755 Role: Co-Investigator, site PI (Heisler, PI) 0.6 Calendar
2017-2022 NIH/HLBI 1R01HL136327-01		Secondary prevention following acute coronary syndrome using integrated smoking cessation and mood management. (Busch, PI) \$475,010 per yr Role: Co-I 0.3 calendar
4/01/2019 – 03/30/2023 VA ORD MVP Gamma Project I01BX004557-01		Deciphering Genetic and Environmental Influences on Visual Disorders in the Million Veteran Program (PI: Peachey) \$147,848 per year Role: co-I, site PI
4/1/2019 – 3/30/2023 VA HSRD I01 HX002422-01A2		Improving Outcomes in Veterans with Heart Failure and Chronic Kidney Disease (MPIs: Ahmed, Wu , Zeng); \$115,900 total (\$47,000 first year) Role: MPI
10/1/2019 – 7/31/2022 VA HSRD IRP 20-003		“Implementation trial evaluating on-site in-person versus remote video-assisted facilitation to train providers on the implementation of Shared Medical Appointments (SMAs) in Heart Failure (HF)” (PI – Wu); \$300,000 (\$150,000 first year) Role: PI

6/4/2021 – 5/31/2024 1R01AT011184-01	NHLBI U01	(PI: Bock), Role: co-investigator “Establishing Multi-site Feasibility and Fidelity of Yoga to Improve Management of Type-2 Diabetes”: an RCT randomizing a diverse sample of 90 adults with T2DM from three different states (RI, MA, and AL) to a 12-week program of either (1) yoga or (2) Standard Exercise (SE) with follow up at 3 and 6-months post-treatment (\$742,805 year 1) Role: Co-Investigator
09/01/20-06/30/25 1R01AG069349	NHLBI	(PI: D. Williams) “Comparing a recommendation for self-paced versus moderate intensity physical activity for midlife adults” In this RCT, we will compare the effects of an explicit recommendation for self-paced PA versus a traditional intensity-based exercise prescription (based on heart rate range) on PA behavior among previously low-active overweight midlife adults. Role: Co-Investigator; \$494,428
1/01/2021 – 06/30/2026 CARA-006-19F	VA CSRD	(Rubinstein, Wu , Joseph; MPIs) Treatment of Veterans with Heart Failure with Reduced Ejection Fraction with Probenecid A double-blinded, randomized, placebo-controlled, three-site trial that will assess whether oral probenecid administered at 1 gr. orally twice per day for 180 days in patients with NYHA II-III HFrEF improves systolic function, exercise tolerance and self-report heart failure specific health status. Role: MPI; \$803,870 (PVD site, \$2.2 million overall)
9/01/2021 – 06/30/2025 1R01HL156518-01A1	NHLBI	(Ahmed, Zeng, Wu ; MPI's); “Magnesium supplement and vascular health: Machine learning from the longitudinal medical Record.” The goal is to study magnesium supplementation in vascular health prevention and outcomes, by applying pharmacoepidemiology and machine learning methods to large medical record datasets. \$1.8 Million (PVD site, \$600,000) Role: MPI
09/2023 – 08/2027 PR221687	CDMRP, DoD	(MPI: McGeary, Wu , Zeng) “Long term Outcomes of Antipsychotic Medication Use in Veterans with PTSD”: To characterize prescription patterns, side effects and long-term outcomes of Veteran use of antipsychotic medications Role: MPI (Total Award \$1,632,089)

University Teaching Roles

July, 2002 - 2009	Section co-leader: BI/0281 - Pathophysiology course Brown Medical School
July, 2003 - 2009	Lecturer Bio 281 – “Pharmacologic management of CHF” The Warren Alpert Medical School of Brown University
July 2003 - 2020	VA Site director, Fellowship Program in Cardiovascular Diseases at Brown University
July 2003 - 2008	Lecturer “EKG course” for Medical Students, Providence VA Medical Center, Alpert Medical School of Brown University
April 2008	Leader, Epidemiology for Medical students, small group sessions, Dept. of Community Health, Brown University
August 2008 - 2020	Program Director, Fellowship Program in Preventive Cardiology at Brown University
2010-2012	Member, Doctoral Thesis Committee, Dept. of Epidemiology, Brown University
2012- Present	Research Mentor/Dissertation Committee Member: Doctoral Student, Dept. of Epidemiology, School of Public Health, Brown University
2015- Present	Lecturer, Epidemiology of Cardio-metabolic Health, PHP2018, Brown Univ. School of Public Health
2015- Present	Lecturer, Cardiovascular Behavioral Medicine T32 Didactic Seminar, for Weight Control and Diabetes Research Center, Warren Alpert Medical School of Brown University

Hospital Teaching Roles

July, 2002- Present	Consult Service Attending in Cardiology and clinic preceptor, Brown Fellowship in Cardiovascular diseases
July, 2002- Present	Medical student inpatient preceptor, Alpert Medical School, Brown University
July 2003 – present	Lecturer, EKG course Internal Medicine Residency Program – Brown University
July 2005 – present	Lecturer, Preoperative cardiac evaluation, Brown Fellowship in Cardiovascular diseases
July 2008 – present	Lecturer, Syncope and CV pharmacology for Internal Medicine Residency Program – Brown University

TABLE OF CURERNT AND PAST RESEARCH TRAINEES

Name	Mentee level	Training Period	Title of Research Project	Current Position (past trainees); Source of Support (current trainees)
Sebhat Erqou, MD, PhD	Assistant Professor	2024-2029	Improving quality and addressing disparity in cardiovascular care for Veterans with HIV	VA HSRD CDA2
Sharon Lee, PhD	Assistant Professor	3/13/2023 – 2/2026	PTSD and heart rate variability after myocardial infarction	AHA CDA
Julia Browne, PhD	Assistant Professor	7/1/2024 – 6/30/2029	Home-based exercise for older Veterans with severe mental illness	VA RRRD CDA2
Emily Gathright, PhD	Junior faculty	2019-2024	Development of a values-affirmation intervention targeting medication adherence in older adults with heart failure completing cardiac rehabilitation	Assistant Professor of psychiatry and human behavior, Brown university (past NHLBI K23)
Hallie Espel-Huynh	Post-doctoral fellow	07/01/2021-02/25/2022	Maximizing Online Obesity Treatment Response in the Primary Care Environment Using Clinical Decision Support	Industry (past K23HL155733)
Carly Goldstein, PhD	Junior faculty	2017-2022	Optimization and Evaluation of a Tailored Behavioral eHealth/mHealth Weight Loss Intervention for Cardiac Rehabilitation Patients using the Multiphase Optimization Strategy	Assistant Professor of psychiatry and human behavior, Brown university (past: NHLBI K23)

Name	Mentee level	Training Period	Title of Research Project	Current Position (past trainees); Source of Support (current trainees)
Sebhat Erqou, MD, PhD	Junior faculty	2019-2022	Epigenetic markers of aging in HIV and HIV-associated cardiac dysfunction	VISN-1 CDA, Center for AIDS Research, NIH, Brown University; Rhode Island Foundation
Deanna Kaplan, PhD	Assistant Professor	2020-2022	Improving cardiac rehab outcomes using data from daily life: a novel, multi-method ambulatory assessment approach	F32 HL154751-01
Aaron Eisman	MD/PhD candidate	2020-2023	Improving the Accuracy of ASCVD Risk Estimation Using Population-Level EHR and Genetic Data	F30 LM013320-01A1 NIH/NLM
Nishant Shah, MD	Assistant Professor	2018-2019	Automated Assessment of Nuclear Stress Test Appropriateness and Downstream Patient Outcomes	Associate Professor; Brown/ Advanced CTR Pilot, NIH, Brown University K12
Waynesha Blaylock	Medical Student	2017-2019	Negative emotional states and atherosclerosis in African American adults: the Jackson Heart Study	Medical Resident Emory University; Alpert Medical School/Primary Care –population medicine program
Siddique Abbasi, MD	Assistant Professor	2016-2017	Magnesium Supplementation for Primary Prevention of Heart Failure in Obesity	Lead Cardiometabolic Scientist, Amgen, Inc.; Rhode Island Foundation
Meghana Rao, MD	Cardiology Fellow Brown University	2016-2018	Rhode Island Diastolic Dysfunction- Heart Failure (RIDD-HF) Study	Assistant Professor; Brown University Cardiology Fellowship Pilot Research fund

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Tsikata Apenyo	Undergraduate student, University of Portland	2016-2017	Hostility Attitudes & Prevalent or Future Diabetes Among Black Adults: The Jackson Heart Study	Brown University Medical student; Leadership Alliance – Brown University
Andrew Busch, PhD	Assistant Professor	2015-2017	Use of B-mobile technology to increase engagement in exercise <i>outside</i> of cardiac rehabilitation	Associate Professor, University of Minnesota School of Medicine; Miriam Hospital Foundation Research Seed Grant
Jeffery Chen	Medical Student, Alpert Medical School	2015-2016	Insulin Resistance and Weight Gain in Veterans Treated with Antipsychotic Medication	Radiology resident, Boston University Medical Center; T35HL094308-01 Summer Research Program
Alicia Chen	Medical Student, Alpert Medical School	2014-2015	Association of Hospital Blood Transfusion Use and Surgical Mortality Rates during Major Non-Cardiac Surgery in the Elderly	Radiology resident, Mayo Clinic, Rochester, MN / T35HL094308-01 Summer Research Program
Mary Elizabeth Lacy	PhD student Brown University School of Public Health	2013-2017	The effect of sickle cell trait status on diabetes prediction in African Americans	Assistant Professor, University of Kentucky; F31 DK105791-01A1
Paul Greenberg, MD	Professor of Ophthalmology, Brown University	2013-2015	Process Quality and Outcomes in Cataract Surgery	Prof. of Ophthalmology; V1CDA2012-19, Dept. Veterans Affairs
Tracey Taveira, Pharm D	Professor of Pharmacy, University of Rhode Island College of Pharmacy	2012-2014	Behavioral activation therapy for both depression and diabetes vs. diabetes alone delivered via group visits	Professor of Pharmacy, Univ. of Rhode Island / AHA Founder's grant

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Anthony Gemignani, MD	Cardiology Fellow Brown University	2010-2011	Metanalysis of preoperative ACE-inhibition and postop outcomes	Assistant Prof of Medicine, Dartmouth Medical School, NH / Preventive Cardiology Fellowship
Mathew Jankowich, MD	Assistant Prof of Medicine, Brown University	2010-2013	Effect of cardiovascular risk reduction on systemic vascular function in diabetics with COPD.	Associate Professor of Medicine and Chief of Education, Providence HCS; Dept. Med research funds, Brown Univ & RI Foundation
Alexander De La Rosa	Undergraduate, Univ. of Illinois, Chicago	Summer, 2009	Medication Adherence and Health-related Quality of Life in Type 2 Diabetic Patients	NHLBI R25HL088992
Andrea Dooley, Pharm D	Assistant Professor of Pharmacy, University of Rhode Island College of Pharmacy	2008 - 2010	Efficacy of pharmacist-led CHF clinic to reduce hospitalizations	Pharmacy Clinician Services, Lancaster General Health; VA NRH 05-056
Sameed Khatana, B.S.	Pre-Doctoral student	2008-2009	Effect of Cardiovascular risk reduction in erectile dysfunction	Assistant Professor of Medicine, U Penn & Philadelphia VA; RI Foundation
Lisa Cohen, Pharm D	Associate Prof. of Pharmacy, Univ. of Rhode Island	2006 – 2009	Pharmacist-led Telehealth Disease Management in Patients with Diabetes and Depression	Professor of Pharmacy, University of Rhode Island College of Pharmacy; Am Society of hospital pharmacists career development award
Sherry Liu, MS	Doctoral student	Summer, 2007	Group intervention and depressive symptoms in diabetes self-care behavior.	Social Scientist, FDA/ NHLBI R25HL088992

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Pranav Patel, MD	Brown University cardiology fellow	2002-2005	Pattern of care of outpatients with coronary artery disease in a VA hospital.	Chief of Cardiology & Prof. of Med. UC Irvine Sch. Of Med./cardiology fellowship