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**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

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

**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.

### **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 – current

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

2012 - current

Associate Professor of Epidemiology,  
Brown University School of Public Health

2018 -

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- current

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

July 2004 - 2014

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

July 2008 – July 2010

Medical Director, Heart Failure Clinic,  
Providence VA Medical Center

August 2008 - current	Program Director, Fellowship Program in Preventive Cardiology at Brown University
July 2011 – September 2014	Medical Director, Intravenous Diuretic Clinic, Providence VA Medical Center
July 2012 – current	Medical Director Shared-medical-appointment Clinics in Heart Failure, Providence VA Medical Center
March 2013 – current	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

**Other Appointments (Research)**

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
2012- current	Core investigator, Providence VAMC Center of Innovation (COIN) for Long Term Support and Services
2012-2015	Core investigator, CHF QUERI, Palo Alto, CA
2012-2015	Core investigator, DM QUERI, Ann Arbor, MI
2015- current	Faculty trainer, Brown Cardiovascular Behavioral Medicine T32 (Directors: Rena Wing/Jeanne McAaffery)
2016- current	Faculty trainer, Brown Respiratory Research Training Program (BR RTP), NIH T32HL134625

**Editorial Positions**

2008-2013 Section Editor, *Ferri's Clinical Advisor*, Ferri, FF [ed], Elsevier, St. Louis.

April 2014 – current Academic Editor, PLoS One

April 2015 – current Editorial Board: Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring (DADM) - a journal of the Alzheimer's Association

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

2015 – current: American Association of Cardiovascular and Pulmonary Rehabilitation (AACVPR) Research Review committee member

2016 – current: 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 – current: VA ORD Million Veterans Program (MVP) Scientific Merit Review Group

### **Hospital Committees**

2003- current	Member, IRB Committee
2005-2010	Chair, Radiation Safety Committee
2006- 2010	Member, VA Advanced Clinic Access Committee
2006- 2010	Member, VA (VISN-1) Laboratory Utilization Council
2010-2015	Member, Radiation Safety Committee
2012-2015	Member, Education Leadership Committee

### **University Committees**

2004 - 2007	Member, Medical Faculty Executive Committee, Brown Univ.
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### **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
2018 – current	Executive Director Board Member, American Association of Cardiovascular and Pulmonary Rehabilitation
July 2018 – current	American Association for Cardiovascular and Pulmonary Rehabilitation (AACVPR) Executive Leadership Board Member

### **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.
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.
  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.2011.05.029 (Epub ahead of print).
  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. [Epub Feb 2]
  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. [Epub ahead of print] 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 KHK, 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 jn.114.203489; published online January 7, 2015.
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  $\beta$ -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. 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.
65. 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
66. 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
67. 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; PubMed Central PMCID: PMC4826717
68. 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.
69. 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.
70. 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.
71. 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.
72. 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.

73. Eaton CB, Pettinger M, Rossouw J, Martin LW, Foraker R, Quddus A, Liu S, Wampler NS, **Wu WC Hank**, Manson JE, Margolis K, Johnson KC, Allison M, Corbie-Smith G, Rosamond W, Breathett K, Klein L. Risk Factors for Incident Hospitalized Heart Failure With Preserved Versus Reduced Ejection Fraction in a Multiracial Cohort of Postmenopausal Women. *Circ Heart Fail.* 2016; (10). pii: e002883. PubMed PMID: 27682440.
74. 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. PubMed PMID: 27435945.
75. Lam PH, Dooley DJ, Inampudi C, Arundel C, Fonarow GC, Butler J, **Wu WC**, Blackman MR, Anker MS, Deedwania P, White M, Prabhu SD, Morgan CJ, Love TE, Aronow WS, Allman RM, Ahmed A. Lack of evidence of lower 30-day all-cause readmission in Medicare beneficiaries with heart failure and reduced ejection fraction discharged on spironolactone. *Int J Cardiol.* 2017;227:462-466. PubMed PMID: 27866868.
76. 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.
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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 15<sup>th</sup>, 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 15<sup>th</sup>, 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 7<sup>th</sup>, 2009, Warwick Sheraton Hotel, RI.
6. "Anemia and Transfusions in the ICU", Pulmonary Research Seminar, October 19<sup>th</sup>, 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.
11. Cardiac Rehabilitation, Weight Control and Diabetes Research Center, Miriam hospital, September 29th, 2015, CARDIOVASCULAR BEHAVIORAL MEDICINE lecture series.
12. Reducing hospitalization and improving outcomes in heart failure. Alpert Medical School of Brown University. Cardiology Grand Rounds, October 30th, 2015; Rhode Island Hospital.
13. Epidemiological and Health Services Research to Improve Heart Failure Outcomes. Keynote speakers. May 20<sup>th</sup>, 2016 Research week presentation, Dept. of Veterans Affairs, Providence, RI. **Wu WC**, TH Taveira, L. Cohen.

## 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 28<sup>th</sup>, 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 19<sup>th</sup>, 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 5<sup>th</sup>, 2017. **Wu WC**
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 5<sup>th</sup>, 2017. **Wu WC**.

## 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 14<sup>th</sup>, 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 28<sup>th</sup>, 2012; National webcast.
12. **Wu WC.** “Group Visits” Specialty and Surgical Collaborative Practice Day (Learning Session #3), VA Employee Education System, January 9, 2014; VA National webcast

### **International Meetings/Programs**

1. **Wu WC.** Blood Transfusion Use in AMI. Society of Critical Care Medicine 33<sup>rd</sup> Critical Care Congress: “Transfusion Medicine Today – Blood Banking”, February 23, 2004; Orlando, Florida.
2. **Wu WC.** “C-peptide Levels Predict Cardiovascular And Diabetes Related Mortality In Nondiabetic Adults”, American Heart Association Scientific Sessions 2011, Orlando, FLA; November 15<sup>th</sup>, 2011.
3. **Wu WC.** “Reducing hospitalization and improving outcomes in heart failure” Dept. of Emergency Medicine; National Taiwan University Hospital, August 18<sup>th</sup>, 2014.
4. **Wu WC.** “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. **Wu WC.** Cardiac Rapid Fire Roundtables- “Clinical Efficacy of Phase 3 Maintenance Programs in Cardiac Rehabilitation” at 30<sup>th</sup> American Association of Cardiovascular and Pulmonary Rehabilitation Scientific Meeting; Marriott Wardman Park, Washington, DC; September 11<sup>th</sup>, 2015.
6. **Wu WC & Harsha Ganga.** “Exercise Training with Left Ventricular Assist Devices” 31<sup>st</sup> American Association of Cardiovascular and Pulmonary Rehabilitation Scientific Meeting; September 9, 2016, at the Hilton New Orleans Riverside, New Orleans, Louisiana.
7. **Wu WC.** System Redesign to Reduce Re-Hospitalizations in Heart Failure. Federación Argentina De Cardiología (FAC) XXXVI National Congress of Cardiology; June 1<sup>st</sup>, in Mendoza, Argentina.
8. **Wu WC.** Cardiac Rehabilitation in Women with Heart Disease. Federación Argentina De Cardiología (FAC) XXXVI National Congress of Cardiology; June 1<sup>st</sup>, in Mendoza, Argentina.

## 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) Role: PI \$9,952 Direct costs
2005-2007	VA HSR&D	IIR- 04-313 "Variability in Surgical Blood transfusion Practices and Cardiovascular Outcome"; Role: PI \$ 171,850 Direct costs
2006-2007	Am Coll. Clin. Pharm.	“Pharmacist-led Group Intervention for Diabetes and Psychiatric Illness”: Role: <u>Mentor</u> , Co-I; (Taveira: trainee PI) \$20,000 (no grant number)
2006-2008	Am Soc. Hosp. Pharm.	“Pharmacist-led Telehealth Disease Management in Patients with Diabetes and Depression”: (no grant number) Role: <u>Mentor</u> , Co-I; Cohen, PI trainee), \$25,000
2006-2008	Auxilium, Inc.	“Effect of Testosterone on flow-mediated vasodilation, small artery elasticity index, insulin resistance, and erectile dysfunction in men with hypogonadism” (no grant number) Role: Co-investigator (PI = Miner), \$20,000
2006-2008	Daugherty Foundation	“Multi-Targeted Cardiac Risk Intervention in Type 2 Diabetes”, (no grant number) Role: PI: \$50,000 Direct costs
2007-2009	VA HSRD	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, Role: co-I: \$45,000 Direct costs
2008-2012	VA HSR&D	IAB – 06-269 "Group Intervention for DM Guideline Implementation", Role: PI: \$ 900,000 Direct costs
2009-2011	VA HSR&D	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, Role: PI: \$169,990.
2010-2011	VA QUERI - HSR&D	RRP 09-172 “Variations in Quality of Care and Outcomes for Veterans with Heart Failure”, Role: PI: \$100,000 direct
2010-2013	Dept. Med, Brown Univ.	Chairman’s developmental research grant program “ <i>Role of systemic vascular dysfunction in exercise tolerance rehabilitation in COPD</i> ” (Jankowich, PI, mentee): \$50,000. 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)
4/2013 – 4/2015	VA V1CDA2012-19	Process Quality and Outcomes in Cataract Surgery Role: <u>Mentor</u> (Mentee: Paul Greenberg, MD – study PI) \$245,000 (salary support).
7/2015 – 6/2017	1 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	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	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
08/01/15 – 07/31/19	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
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	"Genetic Risk for AMD in Diverse Veteran

Million Veterans Program Beta Project	Populations” (Konicki, Peachey & Fliesler, MPIs) Role: Site PI, Co-I; 0.6 calendar \$121,500
2017-2018 Rhode Island Foundation	Magnesium Supplementation for Primary Prevention of Heart Failure in Obesity” Role: PI: \$25,000
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

### **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 - Present	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 - Present	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

### **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



<b>Faculty Member Past and Current Trainees</b>	<b>Mentee level</b>	<b>Training Period</b>	<b>Title of Research Project</b>	<b>Current Position (past trainees) Source of Support (current trainees)</b>
Andrew Busch, PhD	Faculty	2015-2017	Use of B-mobile technology to increase engagement in exercise <i>outside</i> of cardiac rehabilitation	Assistant Professor of psychiatry and human behavior, Alpert Medical School/Miriam Hospital Foundation Research Seed Grant
Waynesha Blaylock	Medical Student	2017-2019	Negative emotional states and atherosclerosis in African American adults: the Jackson Heart Study	Medical Student, Alpert Medical School/Primary Care – population medicine program, Alpert Medical School
Meghana Rao, MD	Post-Doc	2016-2018	Rhode Island Diastolic Dysfunction-Heart Failure (RIDDF) Study	Cardiology Fellow Brown University / Cardiology Fellowship Pilot Research fund, Brown University
Tsikata Apenyo	Pre-doc	2016-2017	Hostility Attitudes & Prevalent or Future Diabetes Among Black Adults: The Jackson Heart Study	Undergraduate student, University of Portland / Leadership Alliance – Brown University
Jeffery Chen	Medical Student	2015-2016	Insulin Resistance and Weight Gain in Veterans Treated with Antipsychotic Medication	Medical Student, Alpert Medical School/ T35HL094308-01 Summer Research Program
Harsha Ganga, MD	Post-doc	2014-2016	Heart Failure with Preserved Ejection Fraction: Prevention and Management	Cardiology Fellow Brown University / Preventive Cardiology Fellowship, Brown University
Alicia Chen	Medical Student	2014-2015	Association of Hospital Blood Transfusion Use and Surgical Mortality Rates during Major Non-Cardiac Surgery in the Elderly	Medical resident, Roger Williams Medical Center / T35HL094308-01 Summer Research Program

<b>Faculty Member Past and Current Trainees</b>	<b>Mentee level</b>	<b>Training Period</b>	<b>Title of Research Project</b>	<b>Current Position (past trainees) Source of Support (current trainees)</b>
Albert Lin, MD	Post-Doc	2014-2017	Inflammatory Obesity Phenotypes, Gender Effects, and Subclinical Atherosclerosis in African Americans The Jackson Heart Study	Cardiology Fellow, Brown University/Brown University Cardiology Fellowship Program
Paul Greenberg, MD	Faculty	2013-2015	Process Quality and Outcomes in Cataract Surgery	Prof. of Ophthalmology / VISN-1 CDA, Dept. Veterans Affairs
Tracey Taveira, Pharm D	Faculty	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
Anthony Gemignani, MD	Post-doc	2010-2011	Metanalysis of preoperative ACE-inhibition and postop outcomes	Assistant Prof of Medicine, Dartmouth Medical School, NH / Preventive Cardiology Fellowship
Scott Cohen, MD	Post-doc	2010-2011	Role of Right ventricle in functional status in atrial fibrillation	Assistant Prof of Medicine, Medical College of Wisconsin / Preventive Cardiology Fellowship
Mathew Jankowich, MD	Faculty	2010-2013	Effect of cardiovascular risk reduction on systemic vascular function in diabetics with COPD.	Assistant Prof of Medicine, Brown University/ Dept. Med research funds, Brown Univ & RI Foundation
Andrea Dooley, Pharm D	Faculty	2008 - 2010	Efficacy of pharmacist-led CHF clinic to reduce hospitalizations	Pharmacy Clinician Services, Lancaster General Health/ VA NRH 05-056
Lisa Cohen, Pharm D	Faculty	2006 – 2009	Pharmacist-led Telehealth Disease Management in Patients with Diabetes and Depression	Associate Prof. of Pharmacy, Univ. of Rhode Island / Am Society of hospital pharmacists career development award



<b>Faculty Member Past and Current Trainees</b>	<b>Mentee level</b>	<b>Training Period</b>	<b>Title of Research Project</b>	<b>Current Position (past trainees) Source of Support (current trainees)</b>
Pranav Patel, MD	Post-doc	2002-2005	Pattern of care of outpatients with coronary artery disease in a VA hospital.	Associate Prof. of Med. UC Irvine Sch. Of Med./cardiology fellowship
Alexander De La Rosa	Pre-doctoral student	Summer, 2009	Medication Adherence and Health-related Quality of Life in Type 2 Diabetic Patients	Undergraduate, Univ. of Illinois, Chicago / NHLBI R25HL088992
Sameed Khatana, B.S.	Pre-Doctoral student	2008-2009	Effect of Cardiovascular risk reduction in erectile dysfunction	Cardiology Fellow, U Penn / RI Foundation
Sherry Liu, MS	Doctoral student	Summer, 2007	Group intervention and depressive symptoms in diabetes self-care behavior.	Social Scientist, FDA/ NHLBI R25HL088992