

Revised 7/3/2023

**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<br>Cardiology Fellowship, Brown Medical School                                |
| 2010        | Beckwith Family Award for Outstanding Teaching<br>Dept. of Medicine, Alpert Medical School, Brown Univ. |
| 2019        | MPH Thesis Mentor Award, Brown University School of<br>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)<br>Brown University Alpert Medical School   |
| 2010 – 2018    | Associate Professor of Medicine (Research scholar),<br>Brown University Alpert Medical School  |
| 2012 - 2018    | Associate Professor of Epidemiology,<br>Brown University School of Public Health   |
| 2018 - current | Professor of Medicine (Research scholar),<br>Brown University Alpert Medical School;<br>Professor of Epidemiology,<br>Brown University School of Public Health |

**Hospital Appointments**

|                          |   |
|--------------------------|---|
| 1995-1996                | General Practitioner<br>Orotina / San Mateo Division,<br>Ministry of Health of Costa Rica       |
| July, 2002- current      | Staff Cardiologist<br>Providence VA Medical Center  |
| July, 2002- October 2022 | Site Director, General Cardiology Fellowship, Brown<br>University, Providence VA Medical Center |
| July 2004 - 2014         | Medical Director, Cardiovascular Risk Reduction Clinic,<br>Providence VA Medical Center         |

|                           |   |
|---------------------------|---|
| July 2008 – July 2010     | Medical Director, Heart Failure Clinic,<br>Providence VA Medical Center   |
| August 2008 – July 2021   | Program Director, Fellowship Program in Preventive<br>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<br>Prevention Center at Miriam, Newport, and Rhode Island<br>Hospitals |
| October 2014 – current    | Medical Director, Center for Cardiac Fitness, Miriam<br>Hospital  |
| October 2020 - current    | Chief of Medicine, Providence VA Medical Center   |
| July 2022 – current       | Program co-director, Chief Resident of Quality & Safety;<br>Providence VA Medical Center, Brown University                  |

**Other Appointments (Research, Board of Directors)**

|                     |   |
|---------------------|---|
| 2007- current       | Faculty, NHLBI R25HL088992-01, Short-Term<br>Training Program to Increase Diversity in<br>Health-Related Research   |
| 2008- 2014          | Faculty, NHLBI T32HL094300-01, Brown<br>CardioPulmonary Research Training Program   |
| 2009- current       | Faculty, T35HL094308-01, Alpert Medical School<br>Summer Research Program (AMSSRP) in<br>Molecular Pathobiology and Health<br>Services/Outcomes research in cardiopulmonary<br>diseases |
| 05/01/09 – 04/30/22 | Faculty mentor, GR5270427 2T32 AG023482-14<br>(PI: Mor/Trivedi) Title: Aging Health & Health<br>Services Research Training.   |
| 2010- current       | Executive Director Board, Ocean State Research Institute<br>VA medical Center, Providence, RI   |
| 2012- current       | Core investigator, Providence VAMC Center of<br>Innovation (COIN) for Long Term Support and<br>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/Carly Goldstein)    |
| 2016- current  | Faculty trainer, Brown Respiratory Research Training Program (BRRTP), 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 <i>JAMA</i>  |   |
| Ad Hoc Reviewer for <i>Chest</i>   |   |
| Ad Hoc Reviewer for <i>American Journal of Medicine</i>                        |   |
| Ad Hoc Reviewer for <i>Cardiovascular Reviews and Reports</i>                  |   |
| Ad Hoc Reviewer for <i>Journal of the American Society of Echocardiography</i> |   |
| Ad Hoc Reviewer for <i>American Journal of Cardiology</i>                      |   |
| Ad Hoc Reviewer for <i>International Journal of Impotence Research</i>         |   |
| Ad Hoc Reviewer for <i>Journal of Sexual Medicine</i>                          |   |
| Ad Hoc Reviewer for <i>Diabetes Care</i>                                       |   |

### **Study Section/Review Group**

|      |  |
|------|--|
| 2008 | Ad Hoc Reviewer for VA Cooperative Studies Program |
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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

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                  |
| 2006- 2010    | Member, VA Advanced Clinic Access Committee        |
| 2006- 2010    | Member, VA (VISN-1) Laboratory Utilization Council |
| 2010-2015     | Member, Radiation Safety Committee                 |
| 2012-present  | Member, Education Leadership Committee             |

### **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                                    |
| 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  $\beta$ -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. 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.
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## \*Fellow/Resident/Trainee

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44. Lee, P\*; **Wu, WC**. Brugada Syndrome, In *Ferri's Clinical Advisor* , FF [ed], Elsevier, St. Louis, 2012 (pg. 176-177).
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51. Kapoor, M\*; Ferri, FF; **Wu, WC**. Heart Failure, In *Ferri's Clinical Advisor*, FF [ed], Elsevier, St. Louis, 2012 (pg. 438-441).
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**CORPORATE AUTHORSHIP OR MULTICENTER TRIALS**

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Role in the study: Site PI

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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.

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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.

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**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 15<sup>th</sup>, 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 9<sup>th</sup>, 2014; Rhode Island Hospital.
12. Magnesium Intake or Supplementation and Heart failure, Center for Primary Care and Prevention, Brown University. Grand Rounds, September 10<sup>th</sup>, 2014; Memorial Hospital of Rhode Island.
11. Cardiac Rehabilitation, Weight Control and Diabetes Research Center, Miriam hospital, September 29<sup>th</sup>, 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 30<sup>th</sup>, 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.
14. "Cardiac Rehabilitation, a Treatment for Cardiovascular Disease", MEDICINE GRAND ROUNDS, September 15<sup>th</sup>, 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 29<sup>th</sup>, 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.
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.
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 12<sup>th</sup>, 2021.

### **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 21<sup>st</sup>, 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 21<sup>st</sup>, 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 28th, 2012; National webcast.
13. **Wu WC**. "Group Visits" Specialty and Surgical Collaborative Practice Day (Learning Session #3), VA Employee Education System, January 9, 2014; VA National webcast
14. **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 AMI." Society of Critical Care Medicine 33<sup>rd</sup> 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 15<sup>th</sup>, 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- 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"; 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 1<sup>st</sup>, 2018; Mendoza, Argentina.
8. "Cardiac Rehabilitation in Women with Heart Disease." Federación Argentina De Cardiología (FAC) XXXVI National Congress of Cardiology; June 1<sup>st</sup>, 2018; Mendoza, Argentina.

9. **Wu WC** & Hafiz Imran. “Cardiac Rehabilitation after Spontaneous Coronary Artery Dissection”; 33<sup>rd</sup> 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”; 33<sup>rd</sup> 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).

### **Grants**

|            |                       |   |
|------------|-----------------------|---|
| 2003-2005  | Scios, Inc.           | “The use of nesiritide for treatment of acute decompensated congestive heart failure complicated by acute renal insufficiency”<br>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)<br>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)<br>Role: site PI \$20,000 Direct               |
| 2005       | RI Foundation         | Multidisciplinary Behavioral and Pharmacological Intervention for Cardiac Risk Reduction in Diabetes. (no grant number)<br>Role: PI \$9,952 Direct costs  |
| 2005-2007  | VA HSR&D              | IIR- 04-313 “Variability in Surgical Blood transfusion Practices and Cardiovascular Outcome”;<br>Role: PI \$ 171,850 Direct costs   |
| 2006-2007  | Am Coll. Clin. Pharm. | “Pharmacist-led Group Intervention for Diabetes and Psychiatric Illness”:<br>Role: <u>Mentor</u> , Co-I; (Taveira: trainee PI)<br>\$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)  |

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|-----------|------------------------|--|
|           |                        | 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)<br>Role: Co-investigator (PI = Miner), \$20,000 |
| 2006-2008 | Daugherty Foundation   | “Multi-Targeted Cardiac Risk Intervention in Type 2 Diabetes”, (no grant number)<br>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,<br>Role: co-I: \$45,000 Direct costs          |
| 2008-2012 | VA HSR&D               | IAB – 06-269 “Group Intervention for DM Guideline Implementation”,<br>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,<br>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”,<br>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.<br>Role: Co-I, <u>Mentor</u> .                |
| 2011      | VA HSR&D               | Supplement to IAB-06-269: Assessment of Patient Satisfaction in Group Intervention for DM,<br>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”,<br>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.<br>Role: co-PI, <u>mentor</u> (Taveira, PI mentee); \$75,000                                       |

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| 2012-2013 RI Foundation   | #20113648 “Effect of cardiovascular risk reduction on systemic vascular function in diabetics with COPD.”<br>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.<br>Role: PI; \$24,800.                                       |
| 2013-2014 VA Diabetes QUERI   | RRP 12-452 “Video-Conference Shared Medical Appointments to Improve Rural Diabetes Care.”<br>Role: PI, \$100,000   |
| 2013-2014 VA CHF QUERI  | Pre-Implementation Study of Spironolactone Appropriateness and Safety Monitoring.<br>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”<br>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)<br>Role: Co-I (PI: Salmoirago-Blotcher)                               |
| 7/2015 – 6/2017 1 NIH<br>F31 DK105791-01A1                            | The effect of sickle cell trait status on diabetes prediction in African Americans<br>Role: <u>Sponsor</u> (Mentee: Mary E. Lacy, PhD Candidate) \$ 82,000               |
| 2015-2016 NIH<br>5R01CA155381-04                                      | Quit for Health study:<br>Role: Co-I (PI: D Williams – Brown University, Subcontract 710-9852 TMH: S Dunsiger)   |
| 09/01/11-05/31/16 NHLBI<br>5 R01HL109116-04                           | “Efficacy of Exercise Videogames for Physical Activity Adoption and Maintenance”<br>(B. Bock, PI) \$367,976 per yr<br>Role: Co-Investigator 0.6 Calendar                 |
| 9/2/2016-8/31/2017 NIH/NHLBI<br>1R56HL131711-01A1                     | “Integrated Smoking Cessation and Mood Management for ACS Patients” (Busch, PI)<br>\$499,997<br>Role: Co-Investigator 0.6 calendar                                       |
| 10/1/2016 – 9/30/2018 VA ORD<br>Million Veterans Program Beta Project | “Genetic Risk for AMD in Diverse Veteran Populations” (Konicki, Peachey & Fliesler, MPs)<br>Role: Site PI, Co-I; 0.6 calendar \$121,500                                  |



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| 2017-2019 Rhode Island Foundation                                 |         | Magnesium Supplementation for Primary Prevention of Heart Failure in Obesity”<br>Role: PI: \$25,000   |
| 08/01/15 – 03/30/20 VA HSR&D<br>IIR 14-293-2                      |         | “Group Medical Visits in Heart Failure for Post-Hospitalization Follow-Up” \$1,090,000<br>Role: PI 3 CM   |
| 3/1/16 – 2/28/20 VA HSR&D<br>IIR I01 HX002096-01                  |         | “Peer Support to Enhance Diabetes Shared Medical Appointments: Examining Comparative Effectiveness in VA Health Systems” \$1,399,755<br>Role: Co-Investigator, site PI (Heisler, PI)<br>0.6 Calendar  |
| 2017-2022 NIH/HLBI<br>1R01HL136327-01                             |         | Secondary prevention following acute coronary syndrome using integrated smoking cessation and mood management. (Busch, PI) \$475,010 per yr<br>Role: Co-I 0.3 calendar  |
| 4/01/2019 – 03/30/2023 VA ORD<br>MVP Gamma Project I01BX004557-01 |         | Deciphering Genetic and Environmental Influences on Visual Disorders in the Million Veteran Program (PI: Peachey) \$147,848 per year<br>Role: co-I, site PI   |
| 4/1/2019 – 3/30/2023 VA HSRD<br>I01 HX002422-01A2                 |         | Improving Outcomes in Veterans with Heart Failure and Chronic Kidney Disease (MPIs: Ahmed, <b>Wu</b> , Zeng); \$115,900 total (\$47,000 first year)<br>Role: MPI  |
| 10/1/2019 – 7/31/2022 VA HSRD<br>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)<br>Role: PI  |
| 09/01/20-06/30/25<br>1R01AG069349                                 | NHLBI   | (PI: D. Williams)<br>“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.<br>Role: Co-Investigator; \$494,428 |
| 1/01/2021 – 12/31/2024<br>CARA-006-19F                            | VA CSRD | (Rubinstein, <b>Wu</b> , Joseph; MPIs)<br>Treatment of Veterans with Heart Failure with   |

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|  |            | <p>Reduced Ejection Fraction with Probenecid<br/> 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.<br/> Role: MPI; \$803,870 (PVD site, \$2.2 million overall)</p>  |
| 9/01/2021 – 06/30/2025<br>1R01HL156518-01A1                | NHLBI      | <p>(Ahmed, Zeng, <b>Wu</b>; MPI's);<br/> “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)<br/> Role: MPI</p>                                  |
| 6/4/2021 – 5/31/2024<br>1R01AT011184-01                    | NHLBI U01  | <p>(PI: Bock), Role: co-investigator<br/> “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)<br/> Role: Co-Investigator</p> |
| Recommended for Funding:<br>(MM/YYYY): pending<br>PR221687 | CDMRP, DoD | <p>(MPI: McGeary, <b>Wu</b>, Zeng)<br/> “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<br/> Role: MPI (Total Award \$1,632,089)</p>  |

**University Teaching Roles**

|                   |  |
|-------------------|--|
| July, 2002 - 2009 | Section co-leader: BI/0281 - Pathophysiology course<br>Brown Medical School                                  |
| July, 2003 - 2009 | Lecturer Bio 281 – “Pharmacologic management of CHF”<br>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**

| <b>Name</b>          | <b>Mentee level</b> | <b>Training Period</b> | <b>Title of Research Project</b>   | <b>Current Position (past trainees)<br/>Source of Support (current trainees)</b>   |
|----------------------|---------------------|------------------------|--|--|
| Sharon Lee, PhD      | Junior faculty      | 3/13/2023 - present    | PTSD and heart rate variability after myocardial infarction  | AHA CDA  |
| Julia Browne, PhD    | Junior faculty      | 10/1/2022 - present    | Home-based exercise for older Veterans with severe mental illness  | VA RRRD CDA  |
| Hallie Espel-Huynh   | PhD                 | 07/01/2021-06/30/2026  | Maximizing Online Obesity Treatment Response in the Primary Care Environment Using Clinical Decision Support   | K23HL155733  |
| Deanna Kaplan        | PhD                 | 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  |
| 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 / NHLBI K23 |
| 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 / NHLBI K23 |

| Name                  | Mentee level    | Training Period | Title of Research Project  | Current Position (past trainees)<br>Source of Support (current trainees)   |
|-----------------------|-----------------|-----------------|--|--|
| Sebhat Erqou, MD, PhD | Junior faculty  | 2019-2022       | Epigenetic markers of aging in HIV and HIV-associated cardiac dysfunction                              | Assistant Prof of Med. Brown/ Center for AIDS Research, NIH, Brown University; Rhode Island Foundation, VISN-1 CDA         |
| Nishant Shah, MD      | Junior faculty  | 2018-2019       | Automated Assessment of Nuclear Stress Test Appropriateness and Downstream Patient Outcomes            | Assistant Prof of Med. 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 Student, Alpert Medical School/Primary Care – population medicine program, Alpert Medical School                   |
| Siddique Abbasi, MD   | Faculty         | 2016-2017       | Magnesium Supplementation for Primary Prevention of Heart Failure in Obesity                           | Lead Cardiometabolic Scientist, Amgen, Inc./ Rhode Island Foundation   |
| 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                                     |
| 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 |

| <b>Name</b>             | <b>Mentee level</b> | <b>Training Period</b> | <b>Title of Research Project</b>  | <b>Current Position (past trainees)<br/>Source of Support (current trainees)</b>            |
|-------------------------|---------------------|------------------------|---|---|
| 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    |
| 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          |
| Mary Elizabeth Lacy     | Doctoral student    | 2013-2017              | The effect of sickle cell trait status on diabetes prediction in African Americans  | PhD student Brown University/ F31 DK105791-01A1   |
| Paul Greenberg, MD      | Faculty             | 2013-2015              | Process Quality and Outcomes in Cataract Surgery  | Prof. of Ophthalmology / V1CDA2012-19, 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 |

| <b>Name</b>            | <b>Mentee level</b>  | <b>Training Period</b> | <b>Title of Research Project</b>  | <b>Current Position (past trainees)<br/>Source of Support (current trainees)</b>                                 |
|------------------------|----------------------|------------------------|---|--|
| 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               |
| 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  |
| 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   |
| Sameed Khatana, B.S.   | Pre-Doctoral student | 2008-2009              | Effect of Cardiovascular risk reduction in erectile dysfunction                               | Cardiology Fellow, U Penn / RI Foundation  |
| 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 |
| Sherry Liu, MS         | Doctoral student     | Summer, 2007           | Group intervention and depressive symptoms in diabetes self-care behavior.                    | Social Scientist, FDA/ NHLBI R25HL088992   |
| 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   |