

Date of Preparation: July 22, 2015

Education

9/2010 – 5/2012 **Columbia University, Mailman School of Public Health** New York, NY
M.S., Biostatistics/Patient-Oriented and Translational Research

9/2004 – 9/2009 **St. John's University, Graduate School of Arts & Sciences** Jamaica, NY
Child Clinical Psychology, APA-Accredited
Dissertation: Factor Structure, Measurement Equivalence, and
Item Invariance of the Outcome Questionnaire
(Raymond DiGiuseppe, Ph.D., ABPP, Dissertation Chair)

9/2004 – 5/2007 **St. John's University, Graduate School of Arts & Sciences** Jamaica, NY
M.A., Clinical Psychology, APA-Accredited

9/2000 – 5/2004 **New York University, College of Arts & Science** New York, NY
B.A. with Honors in Psychology

Academic Appointments

7/2012 - **Columbia University, College of Physicians & Surgeons** New York, NY
Assistant Professor of Clinical Medical Sciences

Training

Postdoctoral

7/2009 – 6/2012 **Columbia University, College of Physicians & Surgeons** New York, NY
Postdoctoral Research Fellow

Predoctoral

7/2008 - 6/2009 **Nassau University Medical Center, Dept. of Psychiatry** East Meadow, NY
Clinical Psychology Intern, APA-Accredited

7/2007 – 6/2008 **Montefiore Medical Center, School Health Program** Bronx, NY
Clinical Psychology Extern

7/2006 – 8/2007 **Nassau University Medical Center, Dept. of Psychiatry** East Meadow, NY
Clinical Psychology Extern

Licensure

7/2011 - New York State Office of the Professions (Psychology) No. 019151

Honors*Postdoctoral*

- 2014 Invited Speaker, Academy of Behavioral Medicine Research
 2014 Early Career Reviewer, NIH Center for Scientific Review
 2014 Fellow, 40th Annual American Heart Association 10-Day Seminar on CVD Epidemiology
 2013 Invited Scholar, THAOS International Investigator Meeting, Prague, Czech Republic
 2012 Fellow, NIH 12th Annual Summer Institute on Behavioral Clinical Trials
 2010 - 2014 Awardee, NIH Loan Repayment Program
 2010 - 2012 Patient-Oriented Research Scholarship, Columbia University

Predoctoral Honors

- 2004- Phi Beta Kappa, New York University
 2004 Magna cum Laude, New York University
 2004 Founders' Day Award, New York University
 2003 - 2004 Psychology Honors Program, New York University
 2003- Psi Chi, National Psychology Honors Society
 2000 - 2004 Dean's List, New York University
 2000 - 2004 Presidential Honors Scholar, New York University
 2000 - 2004 Sir Harold Acton Scholar, New York University

Professional Organizations, Societies, and Service*Memberships and Positions*

- American Psychosomatic Society, Member (Professional Education Committee, Member)
 Society of Behavioral Medicine, Member
 Association for Psychological Science, Member
 American Psychological Association, Member (Divisions 5, 12, 29, 38, 53)
 American Heart Association, Member
 Greater New York Geriatric Cardiology Consortium, Member

Consultative

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|-------------|--|---------------------------|
| 2010- | American Psychosomatic Society | Abstract Reviewer |
| 2009- | American Psychological Association, Divisions 5 & 38 | Abstract Reviewer |
| 2004 - 2008 | St. John's Center for Psychological Services | Grad Student Psychologist |

Editorial (Ad Hoc Reviewer)

- 2015- Depression and Anxiety
 2014- Clinical Trials, Journal of Telemedicine and Telecare, Neuroscience and Biobehavioral Reviews, Open Medical Case Reports, World Journal of Hepatology, British Journal of Psychiatry, Translational Science, International Journal of Behavioral Medicine
 2013- American Journal of Epidemiology, Journal of the American College of Cardiology: Heart Failure, Annals of Internal Medicine, PLoS ONE, Circulation: Cardiovascular Quality and Outcomes, British Medical Journal
 2012- JAMA Psychiatry, International Journal of Psychiatry and Medicine, Journal of Clinical Psychiatry, Psychoneuroendocrinology, Postgraduate Medicine, Psychiatry Research,
 2011- Psychological Medicine, Psychotherapy and Psychosomatics, Health Psychology, World Journal of Biological Psychiatry, Journal of Psychiatry Research
 2010- Anxiety, Stress, and Coping, Psychological Assessment, Translational Research, Journal of Affective Disorders, Annals of Behavioral Medicine, Journal of Personality

Other Service

- 2015- Grant reviewer, *Israeli Science Foundation*

- 2014 - Grant reviewer, *Irish Health Research Board*
 2013 - Grant reviewer, *Kentucky Science and Engineering Foundation*
 2012 - Data Safety & Monitoring Board, *Insights for Community Health* (NIH/AHRQ R21 HS020982)

Departmental and University Committees

- 2014- Reviewer, Columbia University Clinical & Translational Science Awards

Fellowship and Grant Support

Current Support

NIH/NIMH PI: N Weiss, Ph.D. 2015-2020

Negative and Positive Emotions in PTSD, Substance Use, and Risky

This K23 application proposes to explicate the role of emotion dysfunction stemming from negative and positive emotions in PTSD, substance use, and risky sex among women experiencing intimate partner violence.

Role: Advisor (Biostatistics)

PCORI PI: KW Davidson, Ph.D. 2015-2018

Engaging Stakeholders in Building Patient-Centered N-of-1 Trials

The aims of this proposal are to engage patients and other key stakeholders (e.g., clinicians and ethicists) to prospectively shape the research and methods agenda of an N-of-1 RCT approach to increase the likelihood that patients, clinicians, and health systems can benefit from this method as a clinical decision tool.

Role: Co-Investigator

NIH/SBIR PI: A Chepaitis, B.A. 2014-2016

Optimization of a Low-Cost Tactile Printer for People Who Are Blind and Visually Impaired

This Phase II SBIR grant is intended to optimize the design of a low-cost tactile printer that will maximize opportunities for increasing literacy and independence among people who are blind and visually impaired.

Role: Consultant (Biostatistics)

NIH/NHLBI (K23 HL112850) PI: JA Shaffer, Ph.D., M.S. 2013-2018

Improving QoL in Outpatients with Heart Failure: A Dose-Finding Study and RCT

The purpose of this K23 Career Development Award is to determine the feasibility and optimal dose of Problem-Solving Treatment needed to produce a clinically meaningful improve quality of life, depressed mood, and accelerometry-assessed physical activity for outpatients with heart failure.

Role: Principal Investigator (2013-)

NIH/NHLBI (R01 HL116470) PI: D Shimbo, M.D. 2013-2018

Translational Research of Negative Emotions and Acute Endothelial Dysfunction

The purpose of this R01 application is to examine the role of endothelial dysfunction, a promising biological pathway, in the relation between anger and cardiovascular disease events.

Role: Co-Investigator (2013-)

Past Support

Association of Subspecialty Professors PI: MS Maurer, M.D. 2013-2014

Facilitating Comprehensive Geriatric Assessment in Older Adults with Cardiovascular Disease

The objectives of this grant are to refine and deploy a novel, online comprehensive geriatric assessment interview for older adults with cardiovascular disease.

Role: Associate Director; Site Principal Investigator

- NIH/NIMH** PI: JA Shaffer, Ph.D., M.S. 2011-2014
Problem-Solving Therapy for Depression in Heart Failure: A Phase I Randomized Controlled Trial
 The research conducted as part of this Loan Repayment Program Award examined whether Problem-Solving Treatment improves quality of life in outpatients with heart failure in a randomized controlled trial.
Role: Principal Investigator (2011-)
- American Heart Association** PI: JA Shaffer, Ph.D., M.S. 2012-2013
CHD Incidence: Depression & Vitamin D Deficiency Risk
 The purpose of this Early-Career Clinical Research Program grant is to determine if the risk of 15-year incident coronary heart disease (CHD) associated with baseline depressive symptoms is reduced when controlling for vitamin D levels, as well as for other known CHD risk factors.
Role: Principal Investigator (2011-)
- NIH** (T32 PE010012) PI: S Shea, M.D. 2008-2012
Columbia University Primary Care Research Fellowship Program
 The purpose of this National Research Service Award is to provide fellows with research training in primary care, ambulatory medicine, community-oriented health care, health promotion, and disease prevention.
Role: Postdoctoral Fellow (2010 - 2012)
- NIH/NINR** (P30 NR010677) PI: S Bakken, Ph.D. 2007-2012
Center for Evidence-Based Practice in the Underserved
 This grant, a broad interdisciplinary collaboration, is intended to facilitate the development of biobehavioral research capacity in self-management for underserved populations through the funding of research studies and the implementation of four interdisciplinary cores.
Role: Co-Investigator (2010 - 2012)
- NIH/NHLBI** (K24 HL084034) PI: KW Davidson, Ph.D. 2006-2011
Improving Medication Adherence in Cardiac Patients: Phase 1B Dose-Finding RCT
 The goal of this Mid-Career Mentoring Award is to identify the optimal dose of telephone-delivered Problem-Solving Therapy that improves medication adherence in non-adherent post-acute coronary syndrome patients.
Role: Co-Investigator (2009 – 2010; 2012 – 2013)
- Hinduja Foundation** PI: KW Davidson, Ph.D. 2009-2011
Research into Preventive, Alternative, & Non-traditional Medicine
 This award is intended to support programs in preventive, alternative, and non-traditional medicine, including yoga, meditation, nutrition, and herbal medicine.
Role: Postdoctoral Research Scientist (2009 – 2010)

Teaching, Mentorship, and Supervision*Coursework*

<u>Course Title</u>	<u>Students</u>	<u>University</u>	<u>Semester/Year</u>	<u>Enrolled</u>
Biostatistics for Basic Science	Doctoral	Columbia University Graduate School of Arts & Sciences	Spring 2015	24
Meta-Analysis	Post- doctoral	Columbia University Mailman School of Public Health	Summer 2014	12
Biostatistics for Basic Science	Doctoral	Columbia University Graduate School of Arts & Sciences	Spring 2014	42
Inferential Statistics	Master's	St. John's University Graduate School of Arts & Sciences	Fall 2010	21
Introduction to Clinical Psychology	High School	Columbia University School of Nursing	Summer 2010	18
Inferential Statistics	Master's	St. John's University Graduate School of Arts & Sciences	Fall 2009	16

Doctoral Dissertation Committees

1. Boyd D (2015). Investigating certified registered nurse anesthetist organizational climate and its influence on job satisfaction, turnover, and quality of care. School of Nursing, Columbia University, New York, NY
2. Pastva A (2014). Differential item functioning of the Outcome Questionnaire 45.2 by education level; Dept. of Psychology, St. John's University, Jamaica, NY
3. Hu CC (2013). Sequential quantile estimation using continuous outcomes with applications in dose finding; Dept. of Biostatistics, Mailman School of Public Health at Columbia University, New York, NY

Other Trainee and Advisory Roles

<u>Activity</u>	<u>Trainee Type</u>	<u>University</u>	<u>Years</u>	<u>Trainees</u>
Mentor, Biostatistics Enrichment Summer Training Diversity Program	Undergraduate	Columbia University	5/2014-8/2014	2
Mentor, Intel International Science and Engineering Fair	High School	Columbia University	7/2013-	1
Mentor, Biostatistics Enrichment Summer Training Diversity Program	Undergraduate	Columbia University	5/2012-8/2012	2
Summer High School Mentoring Program	High School	Columbia University	6/2010-8/2010	8

Clinical Supervision

<u>Supervisees</u>	<u>Cases</u>	<u>Semester/Year</u>	<u>University</u>
Doctoral candidates	Child and Adolescent	Fall 2014 – Spring 2015	Yeshiva University

Publications (* graduate student mentee, ** undergraduate student mentee)*A. Original, Peer-Reviewed Articles*

1. Sumner JA, Kronish IM, Pietrzak RH, Shimbo D, **Shaffer JA**, Parsons FE, Edmondson D. Dimensional structure and correlates of posttraumatic stress symptoms following suspected acute coronary syndrome. *J Affect Disord*, In Press.

2. **Shaffer JA**, Falzon L, Cheung YK, Davidson KW. N-of-1 randomized trials for psychological and health behavior outcomes: A systematic review protocol. *Syst Rev*, 2015; 5: 87.
3. **Shaffer JA**, Thompson JLP, Cheng B, Ye S, Lip GYH, Mann DL, Sacco RL, Pullicino PM, Freudenberger RS, Graham S, Mohr JP, Labovitz AJ, Estol CJ, Lok DJ, Ponikowski P, Anker SD, Di Tullio MR, Homma S, for the WARECEF Investigators. Association of quality of life with anticoagulant control in patients with heart failure: The Warfarin and Aspirin in Reduced Cardiac Ejection Fraction (WARCEF) trial. *Int J Cardiol*, 2014; 177:715-717.
4. Yoon S, **Shaffer JA**, Bakken S. Refining a Self-Assessment of Informatics Competency Scale using Mokken scaling analysis. *J Interprof Care*. In Press.
5. Wasson LT, **Shaffer JA**, Alcántara C, Schwartz JE, Edmondson D. The association of posttraumatic stress disorder and quality of life during the first year after acute coronary syndrome. *Int J Cardiol. Int J Cardiol* 2014 Aug 13 [Epub ahead of print].
6. *Regalbuto R, Maurer MS, Chapel D, Mendez J, **Shaffer JA**. Joint Commission requirements for discharge instructions in patients with heart failure: Is understanding important for preventing readmissions? *J Card Fail* 2014; 20: 641-649. NIHMS ID: NIHMS624635.
7. Ye S, **Shaffer JA**, Rieckmann N, Schwartz JE, Kronish IM, Ladapo JA, Whang W, Burg MM, Davidson KW. Long-term outcomes of enhanced depression treatment in patients with acute coronary syndromes. *Am J Med* 2014, May 14 [Epub ahead of print]. NIHMSID: NIHMS598535
8. Denton E, **Shaffer JA**, Alcántara C, Clemow L, Brondolo E. Hispanic residential ethnic density and depression in post-acute coronary syndrome patients: Rethinking the role of social support. *Int J Soc Psychiatr*, 2104 Jul 1 [Epub ahead of print].
9. Voils CI, King H, Maciejewski ML, Allen KD, Yancy WS, **Shaffer JA**. Approaches for informing optimal dose of behavioral interventions. *Ann Behav Med* 2014, Apr 11 [Epub ahead of print].
10. **Shaffer JA**, Diaz K, Alcántara C, Edmondson D, Krupka DJ, Chaplin WF, Davidson KW. An inexpensive device for monitoring patients' weights via automated hovering. *Int J Cardiol* 2014; 172: e263-e264. PMID: PMC3984000
11. **Shaffer JA**, Edmondson D, Wasson LT, Falzon L, Homma K, **Ezeokoli N, **Li P, Davidson KW. Vitamin D supplementation for depressive symptoms: A systematic review and meta-analysis of randomized controlled trials. *Psychosom Med* 2014; 76: 190-196. PMID: PMC4008710
12. Poghosyan L, Nannini A, Finkelstein S, Mason E, **Shaffer JA**. Development & psychometric testing of the Nurse Practitioner Primary Care Organizational Climate Questionnaire. *Nurs Res* 2013; 62: 325-334.
13. Edmondson D, Kronish IM, **Shaffer JA**, Falzon L, Burg MM. Posttraumatic stress disorder and risk for coronary heart disease: A meta-analytic review. *Am Heart J* 2013; 166: 806-814. PMID: PMC3815706
14. Edmondson D, **Shaffer JA**, Chaplin WF, Burg MM, Stone AA, Schwartz JE. Trait anxiety and trait anger measured by ecological momentary assessment and their correspondence with traditional trait questionnaires. *J Res Pers* 2013; 47: 843-852. PMID: PMC3815708
15. Burg MM, Edmondson D, Shimbo D, **Shaffer JA**, Kronish IM, Whang W, Alcántara C, Schwartz JE, Muntner P, Davidson KW. The 'perfect storm' and acute coronary syndrome onset: do psychosocial factors play a role? *Prog Cardiovas Dis* 2013; 55: 601-610. PMID: PMC3652628
16. **Shaffer JA**, Kronish IM, Burg M, Clemow L, Edmondson D. Association of acute coronary syndrome-induced posttraumatic stress disorder symptoms with self-reported sleep. *Ann Behav Med* 2013; 46: 349-357. PMID: PMC3800234

17. Silbiger JJ, Stein R, Roy M, Nair MK, Cohen P, **Shaffer J**, Pinkhasov A, Kamran M. Coronary artery disease in South Asian immigrants living in New York City: Angiographic findings and risk factor burdens. *Ethn Dis* 2013; 23: 292-295.
18. Davidson KW, Bigger JT, Burg MM, Carney RM, Chaplin WF, Czajkowski S, Dornelas E, Duer-Hefe J, Frasure-Smith N, Freedland KE, Haas DC, Jaffe AS, Ladapo JA, Lespérance F, Medina V, Newman JD, Osorio GA, Parsons F, Schwartz JE, **Shaffer JA**, Shapiro PA, Sheps DS, Vaccarino V, Whang W, Ye S. Centralized, stepped, patient preference-based treatment for patients with post-acute coronary syndrome depression: CODIACS Vanguard randomized controlled trial. *JAMA Intern Med* 2013; 173: 997-1004. PMID: PMC3681929
19. Green P, Newman JD, **Shaffer JA**, Davidson KW, Maurer MS, Schwartz JE. Relation of living without a partner or spouse to physical activity after acute coronary syndromes (from the PULSE Accelerometry Substudy). *Am J Cardiol* 2013; 111: 1264-1269. PMID: PMC3640672
20. Ye S, **Shaffer JA**, Kang MS, Harlapur M, Muntner P, Epel E, Guernsey D, Schwartz JE, Davidson KW, Kirkland S, Honig LS, Shimbo D. Relation between leukocyte telomere length and incident coronary heart disease events. From the 1995 Canadian Nova Scotia Health Survey. *Am J Cardiol* 2013; 111: 962-967. PMID: PMC3602395
21. Newman JD, Davidson KW, Ye S, **Shaffer JA**, Shimbo D, Muntner P. Gender differences in calls to 9-1-1 during an acute coronary syndrome. *Am J Cardiol* 2013; 111: 58-62. PMID: PMC3715374
22. Korin MR, Chaplin WF, **Shaffer JA**, Butler MJ, Ojje MJ, Davidson KW. Men's and women's health beliefs differentially predict coronary heart disease incidence in a population-based sample. *Health Educ Behav* 2012; 40: 231-239. PMID: PMC3676270
23. **Shaffer JA**, Epel E, Kang MS, Ye S, Schwartz JE, Davidson KW, Kirkland S, Honig LS, Shimbo D. Depressive symptoms are not associated with leukocyte telomere length: Findings from the Nova Scotia Health Survey (NSHS95), a Population-Based Study. *PLoS One* 2012; 7(10): e48318. PMID: PMC3485011
24. Ladapo JA, **Shaffer JA**, Fang Y, Ye S, Davidson KW. Cost-effectiveness of enhanced depression care after acute coronary syndrome: Results from the COPES randomized controlled trial. *Arch Intern Med* 2012; 172: 1682-1684. PMID: PMC3657548
25. Richardson S, **Shaffer JA**, Falzon L, Krupka D, Davidson KW, Edmondson D. Meta-analysis of perceived stress and its association with coronary heart disease. *Am J Cardiol* 2012; 110: 1711-1716. PMID: PMC3511594
26. **Shaffer JA**, Davidson KW, Schwartz JE, Shimbo D, Newman JD, Gurland BJ, Maurer MS. Prevalence and characteristics of anergia (lack of energy) in patients with acute coronary syndrome. *Am J Cardiol* 2012; 110: 1213-1218. PMID: PMC3470778
27. Edmondson D, **Shaffer JA**, Denton E, Shimbo D, Clemow LP. Posttraumatic stress and myocardial infarction risk perceptions in hospitalized ACS patients. *Front Clin Psychol* 2012; 3: 1-4. PMID: PMC3350942
28. **Shaffer JA**, Wasson LT, Davidson KW, Schwartz JE, Kirkland S, Shimbo D. Blood pressure reactivity to anger provocation does not predict incident cardiovascular disease events: The Canadian Nova Scotia Health Survey [NSHS95] prospective population study. *Int J Hypertens* 2012; Article ID 658128. PMID: PMC3296956

29. Silbiger JJ, Stein R, Trost B, **Shaffer JA**, Kim J-H, Cohen P, Kamran M. Coronary angiographic findings and conventional coronary artery disease risk factors of Indo-Guyanese immigrants with stable angina pectoris and acute coronary syndromes. *Ethn Dis* 2012; 22: 12-14.
30. **Shaffer JA**, Whang W, Shimbo D, Burg M, Schwartz JE, Davidson KW. Do different depression phenotypes have different risks for recurrent coronary heart disease? *Health Psych Rev* 2012; 6, 165-179. PMID: PMC3650680
31. Newman JD, Munter P, Shimbo D, Davidson KW, **Shaffer JA**, Edmondson D. Post-traumatic stress disorder symptoms predict pre-hospital delay in patients with acute coronary syndromes. *PLoS One* 2011; 6: e27640. PMID: PMC3214073
32. Edmondson D, Rieckmann N, **Shaffer JA**, Schwartz JE, Burg MM, Davidson KW, Clemow L, Shimbo D, Kronish IM. Posttraumatic stress disorder intrusion symptoms increase risk of major adverse cardiac events and mortality 42 months after acute coronary syndrome. *J Psychiatr Res* 2011; 45: 1621-1626. PMID: PMC3210372
33. Newman JD, Davidson KW, **Shaffer JA**, Schwartz JE, Chaplin W, Kirkland S, Shimbo D. Observed hostility and the risk of incident ischemic heart disease: A prospective population study from the 1995 Canadian Nova Scotia Health Survey. *J Am Coll Cardiol* 2011; 58: 1222-1228. PMID: PMC3188395
34. **Shaffer JA**, Edmondson D, Chaplin WF, Schwartz JE, Shimbo D, Burg MM, Rieckmann N, Davidson KW. Directionality of the relationship between depressive symptom dimensions and C-reactive protein in patients with acute coronary syndromes. *Psychosom Med* 2011; 73: 370-377. PMID: PMC3110525
35. Wasson LT, Shimbo D, Rubin M, **Shaffer JA**, Schwartz JE, Davidson KW. Is vitamin D deficiency a risk factor for ischemic heart disease in patients with established cardiovascular disease? 10-year follow-up of the Nova Scotia Health Survey. *Int J Cardiol* 2011; 148: 387-389. PMID: PMC3081382
36. Hansen JD, Shimbo D, **Shaffer JA**, Hong S, Borda T, Ventura A, Schwartz JE, Harlapur M, Davidson KW. Finding the glass half full? Optimism is independently predictive of 10-year incident CHD in a population-based study: The Canadian Nova Scotia Health Survey. *Int J Cardiol* 2010; 145: 603-604. PMID: PMC3005975
37. Mosovich SA, Boone RT, Reichenberg A, Bansilai S, **Shaffer J**, Dahlman K, Harvey PD, Farkouh ME. New insights into the link between cardiovascular disease and depression. *Int J Clin Pract* 2008; 62: 423-432.

B. Books and Chapters

1. **Shaffer JA**. Stages of change. In M Gellman & JR Turner (Eds.), *Encyclopedia of Behavioral Medicine*. New York, Springer 2012: 381-382.
2. **Shaffer JA**. Character traits. In M Gellman & JR Turner (Eds.), *Encyclopedia of Behavioral Medicine*. New York, Springer 2012: 1872-1873.

C. Reviews and Editorials

1. **Shaffer JA**, Maurer MS. Multiple chronic conditions and heart failure: Overlooking the obvious? *J Am Coll Cardiol* 2015; In Press.
2. Davidson KW, Kronish IM, **Shaffer JA**. Are you a lumpner or a splitter? An innovative or disconcerting approach to psychosocial care for your cardiac patient. *JAMA Intern Med* 2014, 174: 936-937.

D. Abstracts

1. Ye S, Haynes N, Spertus JA, Alcántara C, **Shaffer JA**, Moise N, Kronish I, Davidson KW. How much information to patients prefer when discussing cholesterol lowering medication? Results from an internet-based nationally representative survey. Poster to be presented at AHA QCOR, 2015.
2. Gill A, Grant C, **Shaffer JA**, Alcántara C. Gender and psychological correlates of short sleep duration and poor sleep quality in adults with coronary heart disease: Results from a national survey. Poster to be presented at Sleep Annual Conference: Seattle, WA, 2015.
3. **Shaffer JA**, Alcántara C, Quan Y, Tully PJ, Edmondson D, Burg MM, de Jonge P, Denollet J, Pedersen SS, Doyle F, Loas G, Schwartz JE, Davidson KW. Association of anhedonia with recurrence of coronary heart disease events and all-cause mortality: Meta-analysis of individual participant data from eight studies with 6,997 participants. Oral presentation delivered at the 73rd Annual Scientific Meeting of the American Psychosomatic Society: Savannah, GA, 2015.
4. Denton E, **Shaffer JA**, Raj M, Davidson KW. Association of neighborhood characteristics with vitamin D levels in patients with acute coronary syndromes. presented at the 73rd Annual Scientific Meeting of the American Psychosomatic Society: Savannah, GA, 2015.
5. Sumner JA, Shimbo D, **Shaffer JA**, Parsons F, Edmondson D. Elucidating the dimensional structure of posttraumatic stress disorder after acute coronary syndrome. Poster presented at the 73rd Annual Scientific Meeting of the American Psychosomatic Society: Savannah, GA, 2015.
6. Homma K, **Shaffer JA**, Toledo B, Hefele B, Dairymple N, Hiti D, Edmondson D. Negative social support in emergency department predicts acute stress disorder. Poster presented at the 73rd Annual Scientific Meeting of the American Psychosomatic Society: Savannah, GA, 2015.
7. **Shaffer JA**, Maurer MS, Alcántara C, Brondolo E, Edmondson D. Sleep disorder as a mediator of the association between acute coronary syndrome-induced posttraumatic stress disorder and anergia. Poster presented at the 72nd Annual Scientific Meeting of the American Psychosomatic Society: San Francisco, CA, 2014
8. Denton E, **Shaffer JA**, Alcántara C. Neighborhood matters: The impact of living in a Hispanic enclave on future depressive symptoms following an acute coronary syndrome event. Poster presented at the 72nd Annual Scientific Meeting of the American Psychosomatic Society: San Francisco: CA, 2014
9. Alcántara C, Kronish I, Peacock J, **Shaffer JA**, Davidson KW, Edmondson D. Do panic attacks predict worse cardiovascular disease prognosis in a sample of cardiac patients? Poster presented at the 2013 Anxiety Disorders and Depression Conference, La Jolla, CA, 2013.
10. **Shaffer JA**, Alcántara C, Davidson KW. Designing and conducting patient-oriented research. In C Alcántara & **JA Shaffer** (Co-Chairs), Patient-oriented research in health psychology. Symposium conducted at the Annual Convention of the American Psychological Association; Honolulu, HI, 2013.
11. *Regalbuto R, Chapel D, Mendez J, **Shaffer JA**, Maurer MS. Discharge understanding and 30-day rates of readmission. Poster presented at the Annual Meeting of the American College of Cardiology 2013: San Francisco, CA, 2013.
12. Yoon, **Shaffer JA**, Momberg JL, Bakken S. Analysis of motivational concepts in Tweets related to jogging. Poster presented at the Annual Symposium of the American Medical Informatics Association 2013; Washington, DC, 2013.
13. Ye S, **Shaffer JA**, Rieckmann N, Schwartz JE, Kronish IM, Ladapo JA, Whang W, Burg MM, Davidson KW. Long-term outcomes of enhanced depression treatment in patients with acute coronary

syndromes: The COPEs randomized controlled trial. Poster presented at the Annual Meeting of the American College of Cardiology 2013: San Francisco, CA, 2013.

14. Edmondson D, Kronish, IK, **Shaffer JA**, Falzon L, Burg MM. Posttraumatic stress disorder and risk for coronary heart disease: A meta-analytic review of prospective studies. Poster presented at the American Heart Association Epidemiology and Prevention Scientific Sessions: New Orleans, LA, 2013.
15. **Shaffer JA**, Kronish IM, Burg M, Clemow L, Edmondson D. Association of acute coronary syndrome-induced posttraumatic stress disorder symptoms and self-reported sleep. Poster presented at the 71st Annual Scientific Meeting of the American Psychosomatic Society: Miami, FL, 2013.
16. **Shaffer JA**, Edmondson D, Wasson LT, Falzon L, Homma K, **Li P, **Ezeokoli N, Davidson KW. Low vitamin D and depression: A systematic review and meta-analysis. Oral presentation delivered at the 71st Annual Scientific Meeting of the American Psychosomatic Society: Miami, FL, 2013.
17. **Shaffer JA**, Epel E, Kang MS, Ye S, Schwartz JE, Davidson KW, Kirkland S, Honig LS, Shimbo D. Depressive symptoms are not associated with leukocyte telomere length: Findings from the Nova Scotia Health Survey (NSHS95) Population-Based Study. Poster presented at the International Society of Psychoneuroendocrinology: New York, NY, 2013: *Eur J Psychotraumatol*, 2012, Supplement 1.
18. Ladapo JA, **Shaffer JA**, Fang Y, Uhler L, Ye S, Davidson KW. Cost-effectiveness of enhanced depression care for patients with acute coronary syndromes and depressive symptoms: Results of the COPEs Randomized Controlled Trial. Poster presented at *Society for Medical Decision Making*: Phoenix, AZ, 2012.
19. **Shaffer JA**, Maurer MS, Lee S, Clemow L, Schwartz JE, Davidson KW. Dose-finding for a behavioral intervention: Moving beyond the “bench-to-bedside” paradigm in translational science. *Clin Transl Sci*, 2012; 5(2): P124.
20. Davidson KW, **Shaffer JA**, Edmondson D, Kronish I, Shimbo D, Burg M, Whang W, Begg M, Schwartz JE. Creating a new personalized medicine methodology: Person-specific causes & treatments. *Clin Transl Sci*, 2012; 5(2): P321.
21. *Silva J, **Shaffer J**, Teruya S, Maurer MS. Determinants of the six-minute walk test in older adults with heart failure with preserved ejection fraction. *Clin Transl Sci*, 2012; 5(2): P67.
22. **Shaffer JA**, Edmondson D, Newman JD, Davidson KW, Rieckmann N. Elevated depressive symptoms predict worsening health-related quality of life following an acute coronary syndrome. Poster presented at the 70th Annual Scientific Meeting of the American Psychosomatic Society: Athens, Greece, 2012.
23. Edmondson D, **Shaffer JA**, Denton E, Shimbo D, Clemow L. PTSD recurrence risk perceptions in acute coronary syndrome patients. Oral presentation delivered at the 69th Annual Scientific Meeting of the American Psychosomatic Society: San Antonio, TX, 2011.
24. Newman JD, Shimbo D, **Shaffer JA**, Muntner P, Edmondson D. PTSD intrusions predict pre-hospital delay in patients with myocardial infarction. Poster presented at the American Heart Association Quality of Care and Outcomes Research Conference: Washington, DC, 2011.
25. Edmondson D, Kronish I, Harlapur M, **Shaffer JA**, Davidson KW, Schwartz JE, Burg MM, Iyer P, Shimbo D, Clemow L, Rieckmann N. Posttraumatic stress disorder (PTSD) symptoms predict worse long-term cardiovascular prognosis in post-acute coronary syndrome (ACS) patients. *Circulation*, 2010; 122: A12982.
26. Denton E., **Shaffer JA**, Davidson KW, Chaplin W. Depression phenotypes among ACS patients. Poster presented at the Scientific Sessions of the American Heart Association: Chicago, IL, 2010.

27. Korin MR, Chaplin WF, **Shaffer JA**, Butler M, Ojie M, Davidson KW. Is family history risk for incident coronary heart disease in part because of fatalistic health beliefs' influence on health behavior? An empirical test of the Mickey Mantle effect using a population-based sample. Poster presented at the 138th American Public Health Association Annual Meeting: Denver, CO, 2010.
28. Davidson KW, **Shaffer JA**, Schwartz JE, Kirkland SA, Mostofsky E, Fink D, Guernsey D, Shimbo D. Relationship between depression and C-reactive protein levels and first coronary heart disease event. *J Heart Dis*, 2010; 7: A242.
29. **Shaffer JA**, Davidson KW, Shimbo D. Depression subtypes, inflammation, and new coronary heart disease (CHD) events in patients with known CHD. *J Heart Dis*, 2010; 7: A204.
30. **Shaffer JA**, Edmondson D, Chaplin WF, Schwartz JE, Iyer P, Burg MM, Rieckmann N, Davidson KW. Cognitive-affective and total depression symptom severity predict changes in C-reactive protein (CRP) in patients with acute coronary syndromes (ACS). *Int J Behav Med*, 2010; 17 Suppl 1:181.
31. **Shaffer JA**, Davidson KW, Shea S, Kestenbaum B, Siscovick D, de Boer I. 25-hydroxyvitamin D deficiency is associated with elevated depressive symptoms: Results from the Multi-ethnic Study of Artherosclerosis (MESA). *Int J Behav Med*, 2010; 17 Suppl 1:129-130.
32. **Shaffer JA**, Edmondson DE, Chaplin W, Schwartz JE, Stone A. Anxiety and anger in daily life: Contributions of the person and situation in momentary assessments of elicited states. Poster presented at the 68th Annual Scientific Meeting of the American Psychosomatic Society: Portland, OR, 2010.
33. Mosovich SA, Reichenberg A, Bansilai S, **Shaffer J**, Dahlman K. New insights into the association between inflammatory processes and mood disorders. Primeras Jornadas de Neurociencias, Ineba Instituto de Neurociencias de Buenos Aires: Argentina, 2007.

G. Invited Presentations

1. **Shaffer JA** (2015, February). *Increasing the walking of outpatients with stable heart failure*. Presented at Division of General Medicine Grand Rounds, Columbia University Medical Center, New York, NY.
2. **Shaffer JA** (2014, December). Optimizing psychosocial and health behavior change interventions for coronary heart disease. Presented to the Department of Psychology, University of Miami, Miami, FL.
3. **Shaffer JA** (2014, December). *The heart of psychology: An introduction to cardiovascular behavioral medicine*. Presented at the Department of Psychology, Queen's College, Flushing, NY.
4. **Shaffer JA** (2014, November). *Origins and current developments in psychosomatic medicine*. Presented at the Department of Psychiatry, Nassau University Medical Center, East Meadow, NY.
5. **Shaffer JA** (2014, June). *Applications of N-of-1 trial methodology to the development of innovative stress interventions*. Presented at the 2014 Annual Meeting of the Academy of Behavioral Medicine Research, Airlie Conference Center, VA.
6. **Shaffer JA** (2014, June). *Research methods and statistics for epidemiology*. Audio recording presented for Audio Digest Pediatric Board Review.
7. **Shaffer JA** (2014, March). *Introduction to factor analysis*. Presented at the Columbia University School of Nursing Research Methods course (6 doctoral students), Columbia University, New York, NY
8. **Shaffer JA** (2013, November). *Coronary heart disease incidence: Depression and vitamin D risk*. Presented to the American Heart Association Young Professionals, New York University, New York, NY.

9. **Shaffer JA** (2013, October). *Behavioral dose-finding trial for patients with heart failure*. Presented at Clinical Epidemiology Grand Rounds, Columbia University Medical Center, New York, NY.
10. **Shaffer JA** (2012, October). *Introduction to meta-analysis*. Presented at the Columbia University School of Nursing Research Methods course (8 doctoral students), Columbia University, New York, NY.
11. **Shaffer JA** (2012, March). *Improving quality of life in outpatients with heart failure: A dose-finding and randomized controlled trial*. Presented at Division of General Medicine Grand Rounds, Columbia University Medical Center, New York, NY.

H. Media

For: **Shaffer JA**, Edmondson D, Wasson LT, Falzon L, Homma K, Ezeokoli N, Li P, Davidson KW. Vitamin D supplementation for depressive symptoms: a systematic review and meta-analysis of randomized controlled trials. *Psychosom Med* 2014; 76: 190-196.

1. The Times of India (Circulation: 21,283,937) Vitamin D supplements may not reduce depression. March 19, 2014: *Researchers have suggested that Vitamin D supplements may not be able to decrease depression*.
2. Examiner.com (Circulation: 19,676,391) and CNN iReport (Circulation: 1,053,350) Vitamin D has no effect on depression. March 19, 2014: *Review finds vitamin D supplements have no effect on depressive symptoms*.

I. Other Scholarly Work

1. Tragante V, Barnes MR, Ganesh SK, Lanktree MB, Guo W, Franceschini N, et al. Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. *Am J Hum Genet*. 2014; 94: 349-360. PMID: PMC3951943 [Available on 2014/9/6] [Writing group member].
2. Yoneyama S, Guo Y, Lanktree MB, ... **Shaffer JA** et al. Gene-centric meta-analyses for central adiposity traits in up to 57,412 individuals of European descent confirm known loci and reveal several novel associations. *Hum Mol Genet* 2014; 23:2498-2451. PMID: PMC3988452 [Available on 2014/5/1].
3. Pennells L, Kaptoge S, White IR, Thompson SG, Wood AM, for The Emerging Risk Factors Collaboration. Assessing risk prediction models using individual participant data from multiple studies. *Am J Epidemiol* 2014; 179: 621-632. PMID: PMC3927974 [Available on 2013/12/22] [Contributor]
4. Guo Y, Lanktree MB, Taylor KC, Hakonsarson H, Lange LA, Keating BJ, IBC 50K SNP Array BMI Consortium. Gene-centric meta-analyses of 108 912 individuals confirm known body mass index loci and reveal three novel signals. *Hum Mol Genet* 2013; 22: 184–201. PMID: PMC3522401 [Writing group member].
5. The Emerging Risk Factors Collaboration. C-reactive protein, fibrinogen, and cardiovascular disease prediction. *N Eng J Med* 2012, 367: 1310-1320. PMID: PMC3714101 [Writing group member].
6. IL-6R Genetics Consortium and Emerging Risk Factors Collaboration. Interleukin-6 receptor pathways in coronary heart disease: A collaborative meta-analysis of 82 studies. *Lancet* 2012, 379: 1205-1213. PMID: PMC3316940 [Writing group member].
7. Asselbergs FW, Guo Y, van Iperen E, ... **Shaffer J**, et al. Large-scale gene-centric meta-analysis across 32 studies identifies multiple lipid loci. *Am J Hum Genetics* 2012; 91: 823-838. PMID: PMC3487124.

8. Ganesh SK, Tragante V, Guo W, Guo Y, Lanktree MB, Smith EN et al. Loci influencing blood pressure identified using a cardiovascular gene-centric array. *Hum Mol Genet* 2013; 22: 1663-1678. PMID: PMC3657476 [Writing group member].