

CURRICULUM VITAE

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Citizenship: United States Citizen

Education:

1961-1965 B.A., University of North Carolina- Chapel Hill
1965-1969 M.D., University of North Carolina- Chapel Hill
1986-1988 M.S.P.H., University of North Carolina- Chapel Hill

Postgraduate Training:

1969-1970 Intern, Department of Medicine, Mount Sinai Hospital, Dr. Solomon Berson
1970-1972 Resident, Department of Medicine, Mount Sinai Hospital, Dr. Solomon Berson
1972-1974 Fellow in Cardiology, Yale University, School of Medicine, Dr. Larry Cohen

Licensures/Boards:

North Carolina Issued: 1969
New York Issued: 1970
Florida Issued: 1975
Tennessee Issued: 1997
Virginia Issued: 1999

Specialty Boards:

American Board of Internal Medicine- 1973
Board of Cardiovascular Diseases- 1975
Board of Nuclear Cardiology- 2001-Recertified in 2010

Academic and Professional Appointments:

- 1974-1978 Assistant Professor of Medicine
Division of Cardiology
University of Miami
- 1978-1979 Associate Professor of Medicine
Division of Cardiology
University of Miami
- 1979-1988 Associate Professor of Medicine
Division of Cardiology
University of North Carolina, School of Medicine
- 1988-1997 Professor of Medicine
Division of Cardiology
University of North Carolina, School of Medicine
- 1989-1997 Clinical Professor
Department of Epidemiology
University of North Carolina, School of Public Health
- 1997-1999 Professor and Chairman
Division of Cardiology
James H. Quillen College of Medicine
East Tennessee State University
- 1999-2001 Chief, Cardiology Section
Malcom Randall VA Medical Center
- 1999-2008 Professor and Associate Chief
Division of Cardiology
University of Florida, College of Medicine
- 1999-2011 Editor-in-Chief
Psychosomatic Medicine
- 2001-2008 Staff Cardiologist
Malcom Randall VA Medical Center
- 2008-2011 Professor of Medicine
Division of Cardiology
Emory University, School of Medicine
Staff Physician, Medical Service, Cardiology Section
VA Medical Center, Emory University

2012- Professor of Medicine
Department of Epidemiology
School of Medicine
School of Public Health and Health Profession
University of Florida, Gainesville, FL

**Extramural Grant Support
Federal Funding:**

Co-investigator (R. Filingim, PI) – The National Institutes of Health
The Soprano Study-Effects of Propranolol on TMJ Symptoms
R01 10% salary support 2015 –

Principal Investigator – The National Institutes of Health
Mental Stress Ischemia-Prognosis and Genetic Influences
P01 \$10,800,000 2010 – 2014 (PI transferred to Dr. Arshed Quyyumi in
November 2011 upon my retirement from Emory University).

Principal Investigator – The National Institutes of Health
Comparison of Depression Interventions after Acute Coronary Syndrome-
(CODIACS) Emory University site
R02 \$88,368 2009 – 2011

Collaborator – (R. Johnson MD, PI) - The National Institutes of Health
Uric Acid in African-Americans
R01 5% salary support 2005 – 2009

Principal Investigator - The National Institutes of Health
Psychological Stress and Risk of Cardiac Events
R01 \$2,734,737 2004 – 2011

Principal Investigator – The National Institutes of Health
Mindfulness Based Stress Reduction and Myocardial Ischemia
R01 \$1,889,248 2003 – 2010

Consultant – (J.Blumenthal, PI) - The National Institutes of Health
Telephone Stress Management for Lung Transplant Patients
R01 \$4,000/yr 2000 – 2007

Consultant to the Coordinating Center – The National Institutes of Health
Enhancing Recovery in Coronary Heart Disease (ENRICHED) Patients
10% salary support 2000-2001

Principal Investigator – The National Institutes of Health
Pain and Beta-Endorphin Response in Men and Women
R01 \$688,947 1999 – 2004

Principal Investigator – The National Institutes of Health
Exercise and Psychological Stress-Induced Ischemia
R01 \$1,268,062 1997 – 2003

Principal Investigator – The National Institutes of Health
Women's Health Initiative: Clinical Trial and Observational Study UNC site
\$8,893,787 1994 – 2005

Principal Investigator - The National Institutes of Health
Exercise and Psychological Stress Induced Ischemia
R01 \$720,223 1992 – 1997

Principal Investigator - The National Institutes of Health
*Peripheral Arterial Disease (PAD): A Pilot Study to Evaluate Treatment and
Prevention Strategies for Artherosclerotic Cardiovascular Disease-Clinical
Centers* UNC site
\$736,324 1992 – 1995

Principal Investigator – The National Institutes of Health
Psychophysiologic Investigations in Silent Myocardial Ischemia (PIMI)
R01 (Multi-center study) 1991 – 1997

Principal Investigator – The National Institutes of Health
Endorphins and Silent Ischemia
R01 \$404,049 1987 – 1990

Principal Investigator - US Environmental Protection Agency
Clinical Effects of Exposure to Air Pollutants
Cooperative Agreement 1985 – 1990

Principal Investigator – US Environmental Protection Agency
*Effect of Acute Exposure to Low Levels of Carbon Monoxide on Cardiovascular
Function in Patients with Ischemic Heart Disease*
Cooperative Agreement Collaborative Research on Health Effects of
Environmental Pollutants
\$171,837 annually 1981 - 1986

Other Funding:

Principal Investigator – Glaxo-Wellcome
The Prevalence and Prognostic Importance of Myocardial Ischemia During Daily Life (an ancillary study to the Women’s Health Initiative)
\$979,484 1997 – 2005

Co-investigator (M. Hazucha, PI) - Health Effects Institute
Effects of CO During Controlled Exercise
\$250,000 per year 1992 – 1994

Principal Investigator – ICI Pharmaceuticals Group
Atenolol Silent Ischemia Study (Multi-center study)
Pharmaceutical study
\$100,000 1990 – 1991

Principal Investigator – Health Effects Institute
Acute Effects of Carbon Monoxide on Cardiac Rhythm
Health Effects Institute Contract
\$667,658 1985 - 1988

Consultantships:

US House of Representatives Subcommittee on Health and the Environment,
Committee on Energy and Commerce, Testimony on Health Effects of Carbon
Monoxide, 1987

National Institutes of Health, Division of Research Grants, Behavioral Medicine
Study Section, 1994-1998

Honors and Awards:

Alpha Omega Alpha, 1969
William B. Thrasher Psychiatry Award, 1969
UF Research Foundation Professor, 2007-2009
UF Excellence in Teaching, 2008

Editorships and Editorial Boards:

Editorial Board, *Clinical Cardiology*, 2001-2006
Editor-in-Chief, *Psychosomatic Medicine*, 2002-2011
Editorial Board, *Psychosomatic Medicine*, 2011-present
Editorial Board, *Siriraj Medical Journal*, 2007-present
Editorial Board, *The Open Cardiovascular Imaging Journal*, 2008-present

Manuscript reviewer:

Acta Physiologica Scandinavica, 1980-present
American Heart Journal, 1980-present
American Journal of Cardiology, 1980-present

American Journal of Psychiatry, 1990-present
Annals of Internal Medicine, 1985-present
Circulation, 1985-present
Clinical Cardiology, 1985-present
New England Journal of Medicine, 1985-present
Journal of Obstetrics and Gynecology 1986-present
Hypertension, 1987-2006
Psychosomatic Medicine, 1987-present
Western Journal of Medicine, 1988-present
Journal of the American College of Cardiology, 1990-present
Journal of the American Medical Association, 1990-present
Journal of Vascular Biology and Medicine, 2000-present

Bibliography

Published research articles:

1. Schrumph JD, **Sheps DS**, Wolfson S, Aronson AL, Cohen LS: Altered hemoglobin-oxygen affinity associated with propranolol therapy in patients with coronary artery disease. *Am J Cardiol*, 1977;40:76-82.
2. **Sheps DS**, Ernst JC, Briese FR, Lopez LV, Cond CA, Castellanos A, Myerburg RJ: Decreased frequency of exercise induced ventricular ectopic activity in the second of two consecutive treadmill tests. *Circulation*, 1977;55:892-895.
3. Ernst JC, **Sheps DS**: Medical resources as an aid to continuing education of physical educators. *Florida J of Health, Phys Ed & Recreation*, 1977;15:17-19.
4. Langou RA, **Sheps DS**, Wolfson S, Cohen LS: Intraventricular conduction changes during coronary angiography in patients with pre-existing conduction abnormalities. *Investigative Radiol*, 1977;Nov.-Dec.:505-509.
5. Langou RA, Cohen LS, **Sheps DS**, Wolfson S, Glenn WWL: Ondine's curse: Hemodynamic response to diaphragm pacing (electrophrenic respiration). *Am Heart J*, 1978;95:295-300.
6. **Sheps DS**, Gottlieb S, Ernst JC, Kallos N, Briese F, Garcia E, Myerburg RJ, Castellanos A: Effect of a physical conditioning program upon left ventricular ejection fractions determined serially by a non-invasive technique. *Cardiology*, 1979;64:256-264.
7. **Sheps DS**, Ernst JC, Briese F, Myerburg RJ: Exercise-induced increase in diastolic pressure: Indicator of severe coronary artery disease. *Am J Cardiol*, 1979;43:708-712.

8. Jacobs LJ, Manten H, Myerburg RJ, **Sheps DS**: Pseudohypertension due to diffuse vascular calcification in chronic renal failure. *Ann Intern Med*, 1979;90:353-354.
9. Myerburg RJ, Cond C, **Sheps DS**, Appel RA, Kiem I, Sung RJ: Antiarrhythmic drug therapy in survivors of prehospital cardiac arrest: Comparison of effects on chronic ventricular arrhythmias and on recurrent cardiac arrest. *Circulation*, 1979;59:855-863.
10. **Sheps DS**, Cond C, Cameron B, Lo W, Appel RA, Castellanos A, Harkness DR, Myerburg RJ: Resting peripheral blood lactate elevation in survivors of prehospital cardiac arrest: Correlation with hemodynamic, electrophysiologic, and oxyhemoglobin dissociation indices. *Am J Cardiol*, 1979;44: 1276-1282.
11. **Sheps DS**, Bragdon EE, Miller PF, Maixner W, Hinderliter AL, Light KC: The perception of pain in patients with myocardial ischemia. *J Myocardial Ischemia*, 1980;1(9):29-38.
12. **Sheps DS**, Cameron BF, Mallon SM, Sommer LS, Lo WC, Harkness DR, Myerburg RJ: Depression of intramyocardial oxyhemoglobin dissociation by angiographic contrast media. *Am Heart J*, 1980;99:193-197.
13. Myerburg RJ, CondCA, Sung RJ, Mayorga-Cortes A, Mallon SM, **Sheps DS**, Appel RA, Castellanos A: Clinical, electrophysiologic and hemodynamic profile of patients resuscitated from prehospital cardiac arrest. *Am J Med* 1980;68:568-576.
14. Rozanski JJ, Castellanos A, **Sheps DS**, Pozen R, Myerburg RJ: Paroxysmal second-degree atrioventricular block induced by exercise. *Heart and Lung*, 1980;9:887-890.
15. Castellanos A, Alatraste VM, Sung RJ, **Sheps DS**, Myerburg RJ: A search for moderation in intermittent ventricular parasystole. *PACE*, 1980;3:73-83.
16. **Sheps DS**, Petrovick ML, Kizakevich PN, Wolfe C, Craige E: Continuous noninvasive monitoring of left ventricular function during exercise by impedance cardiography: Automated derivation of systolic time intervals. *Am Heart J*, 1982;103:519-524.
17. Jennett JC, **Sheps DS**, McNeill DD: Exclusively vascular systemic amyloidosis with visceral ischemia. *Arch Pathol Lab Med*, 1982;106:323-327.
18. Noneman JW, Popio KA, **Sheps DS**: Exercise-induced ST segment elevation in a patient with effort angina pectoris and normal coronary arteries. *J Am Coll Cardiol*, 1983;2:1232-1235.

19. Cascio WE, Foster JR, **Sheps DS**: Elective cardioversion in the presence of conduction disturbances. *J Electrocardiol*, 1984;17:63-66.
20. McMurray RG, **Sheps DS**, Guinan DM: Effects of naloxone on maximal stress testing in females. *J Appl Physiol*, 1984;56:436-440.
21. Adams KF, Perry JR, Popio KA, Gettes LS, **Sheps DS**: Positive treadmill stress tests post myocardial infarction in patients with single-vessel coronary disease. *Am Heart J*, 1985;109:251-258.
22. Griggs TR, Adams KF, Navarte H, **Sheps DS**: Beta-blocker therapy after myocardial infarction: Secondary prevention in all patients? *Z Cardiol/Ger J Cardiol*, 1985;74(suppl 6):173-178.
23. Bissette J, Carr G, Koch G, Adams K, **Sheps D**: Analysis of (Events/Time at Risk) Ratios from Two Period Changeover Studies. Biomedical Section, *Proceedings of the American Statistical Meetings*, August 1986.
24. **Sheps DS**, Adams KF, Hinderliter A, Price C, Bissette J, Orlando G, Margolis B, Koch G: Endorphins are related to pain perception in silent myocardial ischemia. *Am J Cardiol*, 1988;59:523-527.
25. Adams KF, Vincent LM, McAllister SM, El-Ashmawy HM, **Sheps DS**: The influence of age and gender on left ventricular response to supine exercise in asymptomatic normal subjects. *Am Heart J*, 1987;113:732-742.
26. **Sheps DS**, Adams KF, Bromberg PA, Goldstein GM, O'Neil JJ, Horstman D, Koch G: Lack of effect of low levels of carboxyhemoglobin on cardiovascular function in patients with ischemic heart disease. *Arch Environ Health*, 1987;42:108-111.
27. McMurray RG, Berry MJ, Vann T, Hardy CJ, **Sheps DS**: The effect of running in an outdoor environment on plasma beta-endorphins. *Ann Sports Med*, 1988;3:230-233.
28. McMurray RG, Berry MJ, Hardy CJ, **Sheps DS**: Physiological and psychological responses to a low dose of naloxone administered during prolonged running. *Ann Sports Med*, 1988;4:21-25.
29. McMurray RG, Fieselman CC, Avery KE, **Sheps DS**: Exercise hemodynamics in water and on land in patients with coronary artery disease. *J Cardiopulmon Rehab*, 1988;8:69-75.
30. **Sheps DS**, Hinderliter A, Bragdon EE, Adams KF, Herbst MC, Koch G: Endorphins and pain perception in patients with silent ischemia. *Am J Cardiol*, 1988;61:3F-6F.

31. Adams KF, Koch G, Chatterjee B, Goldstein GM, O'Neil JJ, Bromberg PA, **Sheps DS**: Acute elevation of blood carboxyhemoglobin to 6% impairs exercise performance and aggravates symptoms in patients with ischemic heart disease. *J Am Coll Cardiol*, 1988;12:900-909.
32. **Sheps DS**, Koch G, Bragdon EE, Ballenger MN, McMurray RG: The reproducibility of resting and post exercise plasma beta endorphins. *Life Sci*, 1988;43:787-791.
33. Ekelund LG, Haskell WH, Johnson T, Whaley FS, **Sheps DS**: Physical fitness as predictor of cardiovascular (CVD) mortality in asymptomatic men. The Lipid Research Clinics (LRC) prevalence follow-up study. *N Engl J Med*, 1988;319:1379-1384.
34. **Sheps DS**, Heiss G: Sudden death and silent ischemia. *Am Heart J*, 1989;117:177-184.
35. Hinderliter AL, Adams KF, Price CJ, Herbst MC, Koch G, **Sheps DS**: Effects of low level carbon monoxide exposure on resting and exercise-induced ventricular arrhythmias in patients with coronary artery disease and no baseline ectopy. *Arch Environ Health*, 1989;44:89-93.
36. Hinderliter AL, Bragdon E, Herbst M, Ballenger M, Ekelund LG, **Sheps DS**: A comparison of amplitude-modulated and frequency-modulated ambulatory monitoring systems. *Am J Cardiol*, 1989;64:76-80.
37. **Sheps DS**, Maixner W, Hinderliter AL, Herbst MC, Bragdon EE, Herdt J, Kropp S, Adams KF, Koch G, Ekelund LG: The relationship between systolic blood pressure, ventricular volume and ischemic pain perception in patients with angina pectoris: A potential role for baroreceptors. *Isr J Med Sci*, 1989;25:482-487.
38. Hinderliter AL, Herbst MC, Bragdon EE, Ballenger M, **Sheps DS**: Silent myocardial ischemia during activities: Relationship to results of exercise testing and coronary angiography. *Isr J Med Sci*, 1989;25:520-524.
39. Whitaker MP, **Sheps DS**: Increased prevalence of silent ischemia in survivors of sudden cardiac death. *Am J Cardiol*, 1989;64:591-593.
40. Hinderliter AL, Herbst MC, Bragdon EE, **Sheps DS**: Relationship of activities to results of exercise testing. *Consultant*, 1990;30(suppl):23-27.
41. **Sheps DS**, Maixner W, Hinderliter AL: Mechanisms of pain perception in patients with silent myocardial ischemia. *Am Heart J*, 1990;119:983-987.

42. Miller PF, **Sheps DS**, Bragdon EE, Herbst MC, Dalton JH, Hinderliter AL, Koch G, Ekelund LG: Aging and pain perception in ischemic heart disease. *Am Heart J*, 1990;120:22-30.
43. **Sheps DS**, Herbst MC, Hinderliter AL, Adams KF, Ekelund LG, O'Neill JJ, Goldstein GM, Bromberg PA, Dalton JL, Ballenger MN, et al: Production of arrhythmias by elevated carboxyhemoglobin in patients with coronary artery disease. *Ann Inter Med*, 1990; 113(5):343-51.
44. **Sheps DS**, Herbst MC, Hinderliter AL, Adams KF, Ekelund LF, O'Neil JJ, Goldstein GM, Bromberg PA, Dalton J, Ballenger M, Davis SM, Koch G: Effects of 4% and 6% carboxyhemoglobin on arrhythmia production in patients with coronary artery disease. *Res Rep Health Eff Inst*, 1991;41:1-46, discussion 47-58.
45. Hinderliter A, Miller P, Bragdon E, Ballenger M, **Sheps D**: Myocardial ischemia in daily activities: The importance of increased myocardial oxygen demand. *J Am Coll Cardiol*, 1991;18:405-412.
46. Light KC, Herbst MC, Bragdon EE, Hinderliter AL, Koch GG, Davis MR, **Sheps DS**: Depression and Type A behavior pattern in patients with coronary artery disease: relationships to painful versus silent myocardial ischemia and β -endorphin response during exercise. *Psychosom Med*, 1991;53:669-683.
47. Adams KF, McAllister SM, El-Ashmawy H, Atkinson S, Koch G, **Sheps DS**. Interrelationships between left ventricular volume and output during exercise in healthy subjects. *J Appl Physiol*, 1991; 73: 2097-2104.
48. **Sheps DS**, Ballenger MN, Miller PF, Gray TF, Maixner W: Hypertension and pain perception. *Am J Cardiol*, 70: 3F-5F, 1992.
49. Sena A, Maixner W, Ballenger MN, Herbst MC, Koch G, **Sheps DS**. The relationship between plasma B-endorphin, opioid receptor activity and silent myocardial ischemia. *The Clinical Journal of Pain*, 1992; 8: 307-316.
50. Miller PF, Light KC, Bragdon EE, Ballenger MN, Herbst MC, Maixner W, Hinderliter AL, Atkinson S, Koch G, **Sheps DS**: Beta-endorphin response to exercise and mental stress in patients with ischemic heart disease. *J Psychosomatic Research*, 1993;37:5, 455-465. .
51. **Sheps DS**, Ballenger K, Dittman E, Hinderliter A, Koch G, Light K, Maixner W. The relationship between blood pressure and anginal pain perception. *Homeostasis*, 1993; 34: 266-270.
52. **Sheps DS**, Ballenger MN, De Gent G, Krittayaphong R, Dittman E, Maixner W, McCartney W, Golden R, Koch G, and Light KC: Psychophysical Responses to a Speech Stressor: Correlation of Plasma Beta-Endorphin Levels at Rest and Post

- Psychological Stress with Thermally Measured Pain Threshold in Patients with Coronary Artery Disease. *J Am Coll Cardiol*, 1995; 25:7:1499-1503.
53. Krittayaphong R, Light KC, Biles PL, Ballenger MN, **Sheps DS**. Increased heart rate induced by mental stress predicts frequency and duration of daily life ambulatory ischemia in patients with coronary artery disease. *Am J Cardiol*, 1995; 76:657-660.
 54. Becker, LC, Pepine CJ, Bonsall R, Cohen JD, Goldberg AD, Coghlan C, Forman S, **Sheps DS**, Kaufmann PG and PIMI Investigators: Left Ventricular, Peripheral Vascular and Neurohumoral Responses to Mental Stress in Normal Middle Aged Men and Women: reference group for the psychophysiologic investigations in myocardial ischemia (PIMI) study. *Circulation*. 1996;94:11:2768-2777.
 55. Sylven C, Eriksson B, **Sheps DS**, Maixner: B: β -endorphin but not metekephalin counteracts angina pectoris-like pain provided by intravenous bolus injection of adenosine. *Neuroreport*, 1996;7(12):1982-1984.
 56. Goldberg AD, Becker LC, Bonsall R, Cohen J, Ketterer MW, Krantz DS, Light KC, McMahon RP, Noreuil, Pepine CJ, Raczynski J, **Sheps DS**, Stone P, Strother D, Taylor H, for the PIMI Investigators: Psychophysiological investigations of myocardial ischemia: Ischemic, hemodynamic, and neurohormone responses to mental and exercise stress. *Circulation*, 1996;94:2402-2409.
 57. Krittayaphong R, **Sheps DS**: Relationship between resting blood pressure and perception of angina pectoris during exercise testing. *Am J Cardiol*, 1996;77(14):1224-1226.
 58. Krittayaphong R, Biles P, Christy CG, **Sheps DS**: Association between angina pectoris and ischemic indices during exercise testing and during ambulatory monitoring. *Am J Cardiol*, 1996;78(3):266-270.
 59. Krittayaphong R, Light KC, Golden RN, Finkel JB, **Sheps DS**: Relationship between depression scores, β -endorphin, and angina pectoris during exercise in patients with coronary artery disease. *The Clin J Pain*, 1996;12(2):126-133.
 60. Krittayaphong R, Cascio WE, Light KC, Sheffield D, Golden RN, Finkel JB, Glekas G, Koch GG, **Sheps DS**: Heart rate variability in patients with coronary artery disease: differences in patients with higher and lower depression scores. *Psychosom Med*, 1997;59(3):231-235.
 61. Go BM, Sheffield D, Krittayaphong R, Maixner W, and **Sheps DS**: Systolic Blood Pressure at time of Ischemia is Associated with Angina Pectoris during Exercise Testing. *Am J Cardiol*, 1997;79:954-956.

62. Zheng Z, Sharrett AR, Chambless LE, Rosamond WD, Nieto FJ, **Sheps DS**, Dobs A., Evans GW, Heiss G: Associations of ankle-brachial index with clinical coronary heart disease, stroke, and preclinical carotid and popliteal atherosclerosis: The ARIC Study. *Atherosclerosis*, 1997;131(1):115-125.
63. Filligim R, Maixner W, Girdler S, Light KC, Harris M, **Sheps DS**, Mason G: Ischemic but not thermal pain sensitivity varies across the menstrual cycle. *Psychosom Med*, 1997;59(5):512-514.
64. Sheffield D, Krittayaphong R, Go BM, Christy CG, Biles PL, **Sheps DS**: The relationship between resting systolic blood pressure and cutaneous pain perception in cardiac patients and controls. *Pain*, 1997;71:249-255.
65. Sheffield D, Krittayaphong R, Cascio WE, Light KC, Golden RN, Finkel JB, Glekas G, Koch GG, **Sheps DS**: Heart rate variability at rest and during mental stress in patients with coronary artery disease: Differences in patients with high and low depression scores. *Int J Behavior Med*, 1997;5:31-47.
66. Blumenthal JA, O'Connor C, Hinderliter A, Fath K, Hegde SB, Miller G, Puma J, Sessions W, **Sheps D**, Zakhary B, Williams RB. Psychosocial Factors and Coronary Disease: A National Multicenter Clinical Trial (ENRICH) with a North Carolina Focus. *North Carolina Medical Journal*, 1997;58(6):440-444.
67. Carney R, McMahon R, Freedland K, Becker L, Krantz D, Proschan M, Raczynski J, Ketterer M, Knatterud G, Light K, Lindholm L, **Sheps DS**, for the PIMI Investigators: The reproducibility of mental stress-induced myocardial ischemia in the Psychophysiological Investigations of Myocardial Ischemia (PIMI) Study. *Psychosom Med*, 1998;60(1):64-70.
68. Kaufmann P, McMahon RP, Becker LC, Bertolet B, Bonsall R, Chaitman B, Cohen JD, Forman S, Goldberg AD, Freedland K, Ketterer MW, Krantz DS, Pepine CJ, Raczynski J, Stone PH, Taylor H, Knatterud GL, **Sheps DS**: The psychophysiological investigations of myocardial ischemia (PIMI) study: objective, methods, and variability of measures. *Psychosom Med*, 1998;60:56-63.
69. **Sheps DS**, McMahon RP, Pepine CJ, Stone PH, Goldberg AD, Taylor H, Cohen JD, Becker LC, Chaitman B, Knatterud GL, Kaufmann PG: Heterogeneity among cardiac ischemic and anginal responses to exercise, mental stress and daily life. *Am J Cardiol*, 1998;82(1):1-6.
70. **Sheps DS**, Sheffield D, Carney RM: Does depression predict more symptoms or more disease? *Am Heart J*, 1999;137(3):386-387.
71. Sheffield D, Kirby DS, Biles PL, **Sheps DS**: Comparison of perception of angina pectoris during exercise testing in African-Americans vs Caucasians. *Am J Cardiol*, 1999;83(1):106-108.

72. Egan D, Garg R, Wilt TJ, Pettinger MB, Davis K, Crouse JR, Herd A, Hunninghake D, **Sheps DS**, Kostis JB, Probstfield MD, Waclawiw MA, Applegate WB, Elam MB for the ADMIT Investigators: Rationale and design of the arterial disease multiple intervention trial. *Am J Cardiol*, 1999;83(4):569-575.
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76. ENRICHED Investigators and Clinical Centers: Enhancing Recovery in Coronary Heart Disease Patients (ENRICHED): Study design and methods. *American Heart Journal*, 2000;139:1
77. Sheffield D, Biles PL, Orom H, Maixner W, **Sheps DS**: Race and sex differences in cutaneous pain perception. *Psychosom Med*, 2000;62:517-523.
78. Krantz DS, **Sheps DS**, Carney RM, Natelson BH: Effects of mental stress in patients with coronary artery disease: evidence and clinical implications. *JAMA*, 2000 Apr 12;283(14):1800-2.
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81. **Sheps DS**, Sheffield D. Depression, anxiety and the cardiovascular system: The Cardiologist's Perspective. *Journal of Clin Psychiatry*, 2001;62(suppl 8):12-18.
82. Ballenger JC, Davidson J, Lecrubier Y, Nutt D, Roose S, **Sheps D**. Concensus statement on depression, anxiety, and cardiovascular disease. *Journal of Clinical Psychiatry*, 2001;62(suppl 8)
83. **Sheps DS**, Kaufmann PG, Sheffield D, Light KC, McMahon RP, Bonsall R, Maixner W, Carney RM, Freedland KE, Cohen JD, Goldberg AD, Ketterer MW, Raczynski JM, Pepine CJ. Sex differences in chest pain in patients with documented coronary artery disease and exercise-induced ischemia: Results from the PIMI Study. *Am Heart J*, 2001;142(5):864-871.
84. The ENRICHD Investigators. Enhancing recovery in coronary heart disease (ENRICHD): Baseline characteristics. *Am J Cardiol*. 2001; 88:316-322.
85. The ENRICHD Investigators. Enhancing recovery in coronary heart disease (ENRICHD) patients. Study Intervention: Rationale and Design. *Psychosom Med*. 2001; 63:747-755
86. **Sheps DS**, McMahon RP, Becker L, Carney RM, Freedland KE, Cohen JD, Sheffield D, Goldberg AD, Ketterer MW, Pepine CJ, Raczynski JM, Light K, Krantz DS, Stone PH, Knatterud GL, Kaufmann PG. Mental Stress-Induced Ischemia and All-Cause Mortality in Patients with Coronary Artery Disease: Results from the Psychological Investigations of Myocardial Ischemia Study. *Circulation*. 2002;105:1780-1784.
87. Manson JE, Greenland P, LaCroix AZ, Stefanick ML, Mouton CP, Oberman A, Perri MG, **Sheps DS**, Pettinger MB, Siscovick DS. Walking Compared with Vigorous Exercise for Prevention of Cardiovascular Events in the Women's Health Initiative. *N Engl J Med* 2002; 347:716-725.
88. **Sheps DS**. Editorial: Increasing the Impact of Psychosomatic Medicine. *Psychosom Med*, 2002;64:189-190.
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- †126. Ramachandrani, S, Sizemore C, **Sheps DS**. Acute and chronic psychological stress in cardiovascular disease. APS 63rd Scientific Meeting, Vancouver, Mar 2-5, 2005.
- †127. Lesperance F, **Sheps DS**, Irwin MR, Muldoon MF, Dunn AL, Nolan RP. Alternative treatments for targeting depressing, stress and cardiovascular disease. APS 63rd Scientific Meeting, Vancouver, Mar 2-5, 2005.
- 128. Freedland KE, Miller GE, **Sheps DS**. The Great Debate Editorial, Revisited: Response. *Psychosom Med*, 2006 Jul-Aug; 68(4):638-640.
- 129. York K, Khuddus M, Li Q, Fillingim R, Arant C, Boyette AF, Kolb HR, Beem E, Segal M, Li H, **Sheps D**. Proinflammatory cytokines and severity of cardiovascular disease. American Psychosomatic Society 64th Annual Scientific Conference, Denver CO, Mar 1-4, 2006.
- 130. York KM, Li Q, Li H, Fillingim R, Lucey D, Bestland M, **Sheps DS**. Do men and women differ on measure of psychological stress induced ischemia. American Psychosomatic Society 64th Annual Scientific Conference, Denver CO, Mar 1-4, 2006.
- 131. Johnson D, Vaccarino V, Bairey Merz CN, Barrow G, Bittner V, Kelsey SF, **Sheps DS**, Rutledge T, York KM, Reis SE. Is the relationship between depression and inflammatory markers modulated by coronary artery disease in women? The NHLBI-sponsored Women's Ischemia Syndrome Evaluation (WISE) study. *Gender Medicine* 2006; 3 (Supplement A):S24.
- 132. Johnson D, Vaccarino V, Bairey Merz CN, Barrow G, Bittner V, Kelsey SF, **Sheps DS**, Rutledge T, York KM, Reis SE. Depression and cardiovascular events in women: Do inflammatory markers explain this relationship? The NHLBI-sponsored Women's Ischemia Syndrome Evaluation (WISE) study. *Gender Medicine* 2006;3 (Supplement A):S56-7.
- 133. Choi C, York KM, Li Q, Lucey D, Li H, **Sheps DS**: Heart Size and Ischemia Detection. 11th Annual Scientific Sessions of the American Society of Nuclear Cardiologists, Montreal, Canada, Sept 7-10, 2006.

134. **Sheps DS**, Hassan M, York K. A Book Review of Psychosomatic Medicine. *NEJM* 2007;356:1689.
- †135. York KM, Hassan M, Fillingim RB, Li H, **Sheps DS**: Effect of a Mindfulness Based Stress Reduction Program on Psychological Factors in Patients with Coronary Artery Disease. 65th Annual Scientific Conference of the American Psychosomatic Society, Budapest, Hungary, Mar 7-10, 2007.
- †136. York KM, Li Q, Li H, Fillingim RB, Lucey D, Bestland M, **Sheps DS**. Do Men and Women Differ on Measures of Mental Stress Induced Ischemia? 65th Annual Scientific Conference of the American Psychosomatic Society, Budapest, Hungary, Mar 7-10, 2007.
- †137. York KM, Hassan M, Fillingim RB, Li H, **Sheps DS**: Effect of a Mindfulness Based Stress Reduction Program on Hemodynamic Response in Patients with Coronary Artery Disease. 65th Annual Scientific Conference of the American Psychosomatic Society, Budapest, Hungary, Mar 7-10, 2007.
- †138. Hassan M, York K, Li H, Li Q, Gong Y, Langae T, Fillingim R, Johnson J, **Sheps DS**: β 1-Adrenergic Receptor Genetic Polymorphism Predicts Mental Stress-Induced Myocardial Ischemia in Patients with Coronary Artery Disease. 57th Annual American College of Cardiology Scientific Sessions, Chicago IL, Mar 29-Apr 1, 2008.
139. Lichtman JH, Bigger JT Jr, Blumenthal JA, Frasure-Smith N, Kaufmann PG, Lespérance F, Mark DB, Sheps DS, Taylor CB, Froelicher ES; Depression and coronary heart disease: recommendations for screening, referral, and treatment: a science advisory from the American Heart Association Prevention Committee of the Council on Cardiovascular Nursing, Council on Clinical Cardiology, Council on Epidemiology and Prevention, and Interdisciplinary Council on Quality of Care and Outcomes Research: endorsed by the American Psychiatric Association. *Circulation*, Oct 21, 2008;118(17):1768-75. Epub Sep 29, 2008.
140. Hassan M, **Sheps DS**. Acute Psychological Stress and Coronary Artery Disease: Evidence and Mechanisms. *Siriaj Med J*, 2008 60(4):203-205.
141. Krantz DS, Whittaker KS, Francis JL, Rutledge T, Johnson DB, Barrow G, McClure C, **Sheps DS**, York K, Cornell C, Bittner V, Vaccarino V, Eteiba W, Parashar S, Vido DA and Bairey Merz CN. Psychotropic Medication Use and Risk of Adverse Cardiovascular Events in Women with Suspected Coronary Artery Disease: Outcomes from the Women's Ischemia Syndrome Evaluation (WISE) Study. *Heart (British Cardiovascular Society)*, Aug 6, 2009.
142. Ramadan R, Binongo JN, Sheps D. The effects of angiotensin-converting enzyme inhibitors in mental stress-induced myocardial ischemia. *J Am Coll Cardiol*, 2012; 59(13s1):E1463-E1463.

143. Ramadan R, Sheps D, Bremner JD, Vaccarino V, Quyyumi AA. The degree of microvascular constriction during mental stress predicts the development of mental-stress-induced myocardial ischemia. *Circulation*,2012; 126:A18514.
144. Ramadan R, Seydafkan S, Al Mheid I, Esteves F, Sheps D, Bremner D, Vaccarino V, Quyyumi AA. Mental stress is associated with endothelial dysfunction and arterial stiffness in patients with stable coronary artery disease. *J Am Coll Cardiol*,2013; 61(10S): doi10.1016/S0735-1097(13)61134-1.
145. Ramadan R, Sheps D, Al Mheid I, Obideen M, Esteves F, Bremner D, Vaccarino V, Quyyumi AA. Relationship between circulating progenitor cells and myocardial ischemia during mental stress. *J Am Coll Cardiol*, 2013; 61(10S): doi10.1016/S0735-1097(13)61136-5.
146. Ramadan R, Al Mheid I, Obideen M, Sheps D, Esteves F, Vaccarino V, Quyyumi AA. Lower number of circulating endothelial progenitor cells is associated with myocardial ischemia during physical stress. *J Am Coll Cardiol*, 2013; 61(10S): doi10.1016/S0735-1097(13)61199-7.
147. Ramadan R, Sheps D, Seydafkan S, Khoder A, Obideen M, Al Mheid I, Esteves F, Raggi M, Kutner M, Bremner D, Quyyumi AA, Vaccarino V. Gender differences in microvascular vasomotor response to mental stress in patients with stable coronary artery disease. American Heart Association Scientific Meeting, November 2013, Dallas, TX.
148. Ramadan R, Sheps D, Esteves F, Raggi M, Kutner M, Bremner D, Quyyumi AA, Vaccarino V. Antidepressant use is associated with reduced cardiovascular reactivity and myocardial ischemia during mental stress. American Heart Association Scientific Meeting, November 2013, Dallas, TX.
149. Ramadan R, Sheps D, Zafari A, Esteves F, Bremner D, Vaccarino V, Quyyumi AA. Myocardial ischemia during mental stress: Role of coronary artery disease burden and vasomotion. American Heart Association Scientific Meeting, November 2013, Dallas, TX.

***Presented at national meeting**

†Presented at international meeting

Lectureships, Seminar Invitations, and Visiting Professorships

Visiting Professor, Cardiology Spring Meeting, UNC, Chapel Hill, 1989.

Visiting Professor, Research Service, VAMC/Harvard Medical School, Manchester, NH 1989.

Visiting Professor, Internal Medicine Review, Bowman Gray School of Medicine and UNC, Asheville, NC 1993.

Visiting Professor, Robert Wood Johnson Medical School, University of Medicine and Dentistry, Piscataway, NJ 1994.

Visiting Professor, Depression and Coronary Artery Disease, Chicago Medical School, 1996.

Visiting Professor, Mental Stress & CAD, Washington Univ. School of Medicine, 2000.

Visiting Professor, Effects of Mental Stress in Patients with Coronary Artery Disease, Miami Cardiac & Vascular Institute, Miami, FL 2000.

Visiting Professor, Mental Stress and Coronary Artery Disease, Johns Hopkins Medical Center, 2000.

Visiting Professor, Division of Cardiology Grand Rounds, Psychological Stress in CAD George Washington University Hospital, 2001.

Visiting Professor, Cardiology Grand Rounds, Depression and Coronary Artery Disease, Health Sciences Center, University of Virginia, 2002.

Visiting Professor, Cardiology Grand Rounds, Depression and Coronary Artery Disease, UNC at Chapel Hill, 2002.

Visiting Professor, Risk Stratification and Prognosis of CAD in Special Patient Populations, VA Medical Center, St. Petersburg, FL 2003.

Visiting Professor, Medical Grand Rounds: Nuclear Cardiology Update on Clinical and Research Applications, Univ. of Florida Health Science Center at Jacksonville 2003.

Visiting Professor, Medical Grand Rounds, Focus on Lipid Management in Acute & Long-Term Settings, St. Joseph's Hospital, Tampa, FL 2003.

Visiting Professor, Psychological Stress and CAD, Cardiology Grand Rounds, University of Arkansas for Medical Sciences, Little Rock, AR 2004.

Visiting Professor, Coronary Artery Disease, Columbus Hospital, Columbus, GA 2004.

Visiting Professor, Vascular Biology Working Group Grand Rounds, Blunting the Atherosclerotic Process, North Shore Medical Center, Miami, FL 2004.

Lecture, Research Methods in Clinical and Health Psychology Undergraduate Class, Publishing and Funding Issues in Behavioral Medicine, Duke University, Durham NC, 2006.

Presentation, Cardiac Disease and Depression in Women and on Psychological Stress, Research Week at the University of New England, Biddeford, ME 2007.

Presentation, Editorial Process and Importance of Writing, Univ. of Florida Manuscript and Abstract Writing Class, (Marion Limacher, MD, Instructor), 2007.

Invitations to National or International Conferences:

Chairman, Meet-the-Expert Session on Indications for Coronary Arteriography, American College of Cardiology National Meeting, 1981.

Chairman, Session on Exercise Testing, American Heart Association National Meeting, 1982.

Health Effects Institute Research Conference, Asilomar, CA 1986.

NIH Workshop on Trends in Cardiovascular Disease Mortality, Bethesda, MD 1986.

Health Effects Institute Research Conference, Hilton Head, SC, 1987.

Health Effects Institute Research Conference, Colorado Springs, CO, 1988.

Invited Speaker, International Symposium on Silent Ischemia, Israel, 1989.

Invited Speaker, The World Conference on Coronary Heart Disease, Heart Foundation of India, Bombay 1990.

Co-Chairman, Meet-the-Expert Session on Sudden Cardiac Death, American College of Cardiology National Meeting, 1990.

Invited Speaker, Peninsula Cardiovascular Symposium, Newport News, VA 1990.

Invited Speaker, American Psychosomatic Society, Symposium on β -endorphins, Stress and the Cardiovascular System, Santa Fe, NM 1991.

Invited Speaker, Council on Circadian Variation in Ischemic Heart Disease Annual Meeting, Key Largo, FL 1991.

Invited Speaker, Symposium on the Psychophysiology of Myocardial Ischemia, International Society of Behavioral Medicine, Hamburg, Germany 1992.

Invited Speaker, Fourteenth Congress of the European Society of Cardiology, Barcelona, Spain 1992.

Invited Speaker, American Psychosomatic Society: Severity and Timing of Mental Stress Induced Ischemia: Initial Results of PIMI, Boston, MA 1994.

Invited Speaker, International Congress of Behavioral Medicine, Depression and Cardiovascular Disease, Amsterdam, 1994.

Invited Participant, NIH Conference on Triggers for Myocardial Infarction and Sudden Death, Bethesda, MD 1995.

Invited Speaker, Society of Behavioral Medicine Annual Meeting, Washington, DC 1995.

Invited Speaker, NIH, Special Emphasis Panel Research on Mental Stress, Bethesda, MD 1996.

Presentation: Married Cardiac Patients Have Less Ischemia during Daily Life Than Unmarried Patients, 4th International Congress of Behavioral Medicine, Amsterdam, Netherlands 1996.

Current Status of Psychological Stress Testing, Society of Behavioral Medicine 1997.

Ambulatory Monitoring, Society for Psychophysiologic Research, NC 1997.

Chairman, Symposium on Psychological Stress-Induced Ischemia, American Psychosomatic Society Meeting, Santa Fe, NM 1997.

Chairman, Cardiovascular Disease Mechanisms, American Psychosomatic Society Meeting, Clearwater Beach, FL 1998.

Invited Speaker, NIH Conference on Gender and Pain, Bethesda, MD 1998.

Invited Speaker, The Role of Stress in Ischemic Heart Disease, Academy of Behavioral Medicine Research, 1998.

Invited Speaker, Depression and Cardiovascular Disease: Limits of Current Studies, American Psychosomatic Society, Vancouver, Canada 1999.

Co-Chairman, Brain-Heart Imaging, American Psychosomatic Society, Savannah, GA 2000.

Chairman, Anger, Hostility, & Cardiovascular Disease, American Psychosomatic Society, Savannah, GA 2000.

Invited Speaker, Heart-Mind Connection, University of Florida, Topics in Internal Medicine, Gainesville, FL, 2000.

Presentation, Factors Associated with Chest Pain during Mental Stress in Patients with Documented Coronary Artery Disease (Results from the Psychophysiological Investigation of Myocardial Ischemia (PIMI) Study), University of Florida College of Medicine Research Day, 2000.

Invited Speaker, 20th Annual Perspectives on New Diagnostic & Therapeutic Techniques in Clinical Cardiology, Lake Buena Vista, FL 2001.

Chairman, Cardiovascular Health in Women Paper Session, American Psychosomatic Society Scientific Session, Monterey, CA 2001.

Invited Speaker, Stress and Cardiovascular Disease, Malcom Randall VA Medical Center, Research Day, Gainesville, FL 2001.

Invited Speaker, Psychological Stress and Coronary Artery Disease, North Florida Nurse Practitioners Group, Gainesville, FL 2001.

Invited Speaker, NIH, Psychological Stress and Coronary Disease, Bethesda, MD 2001.

Chairman, ACC Panel, Psychological Stress and Coronary Artery Disease: Evidence and Mechanisms, American College of Cardiology, Atlanta, GA 2002.

Co-Chair, ACC Panel Discussion, Psychological Stress as Triggers for Myocardial Ischemia, American College of Cardiology, Atlanta, GA 2002.

Presentation, Depressive Symptoms and Heart Rate Variability in Postmenopausal Women: An Ancillary Study to the Women's Health Initiative, American College of Cardiology, Atlanta, GA 2002.

Presentation, Detection and Reproducibility of Mental Stress Induced Ischemia Utilizing Tc-99m Sestamibi Single Photon Emission Tomography in Normal and Coronary Artery Disease Populations, American College of Cardiology, Atlanta, GA 2002.

Invited Speaker, Mental Stress and Coronary Artery Disease, Florida Nuclear Medical Technologists, Orlando, FL 2003.

17th World Congress on Psychosomatic Medicine, Presentation on Mental Stress Induced Ischemia. Waikoloa HI, 2003

Co-Chair, Exercise Physiology and Risk Scores: Prognosis, American College of Cardiology, Scientific Session, New Orleans, LA 2004.

Psychobiology of Chronic Disease: From Bench to Bedside, Academy of Behavioral Research, Jackson Hole, WY 2004.

Depression and CHD Working Group, Assessment & Treatment of Depression in Cardiovascular Disease Patients, NIH, Bethesda, MD 2004.

NHLBI Working Group, "Depression and Acute Coronary Syndromes Clinical Trials", New York, NY 2005.

Presentation: Toward an Integrated Subspecialty of Psychosomatic Medicine, American Psychiatric Association Meeting, Atlanta, GA 2005.

Mind & Life Conference XIII with The Dali Lama, Presentation on Mindfulness Based Stress Reduction. Washington, DC 2005.

Ninth International Congress of Behavioral Medicine, Presentation on Newer Concepts of Stress Induced Ischemia. Bangkok, Thailand 2006.

Invited Speaker, Risk Factors and Prevalence of Depression in Cardiac Patients, ACC Annual Scientific Session, Atlanta, GA 2010.

AHA Writing Group (In Progress), "Depression and Heart Disease: What is the Evidence of the Role of Depression?" Dallas, Texas 2010.

Committee Memberships

National and International:

Council on Clinical Cardiology, 1977

NHLBI Behavior Medicine Study Section, 1994-1998

American Psychosomatic Medicine Board, 1994-present

NHLBI Psychosocial Group, Women's Ischemic Syndrome, 1997-present

Chair, NIH Special Study Section for Program Project Grant Review Application Committee, 2000

Chair, NIH Special Study Section for Program Project Grant Review Application Committee, 2007

Siriraj Medical Board (Thailand), 2007-2011

Regional and State:

Vascular Biology Working Group (AHA), 1999-present

Florida Chapter ACC, 1999-present

Institutional:

Board of Directors, North Florida Foundation for Research and Education, 2002-2008 (Gainesville VAMC)

Geriatric Research, Education and Clinical Care Advisory Committee, 2001-2008 (Gainesville VAMC)

Current Society Memberships

American College of Cardiology
American Heart Association, Fellow
Council on Clinical Cardiology
American College of Physicians, Fellow
Academy of Behavioral Medicine Research
American Society of Nuclear Cardiology

Organization of National or International Conferences

Academy of Behavioral Medicine Conference, Amelia Island, 2006
Nuclear Cardiology and Accreditation Review, Orlando, 2007

Formal Teaching

Medical Student and Other Graduate and Postgraduate Teaching

Physical Diagnosis Course	2004 – 2007
Cardiology Outpatient Clinic	1999 – 2008
Manuscript & Abstract Writing Class	2007 - 2008
Nuclear Cardiology	1999 – 2008
Medical Grand Rounds	1999 – 2008
Chronic Disease Epidemiology	2012 - present

Training Programs

Nuclear Cardiology training for cardiology fellows (level I and II) 2001 – 2008
Nuclear Cardiology and Accreditation Review Course 2008

Mentorship

PhD post-doctoral fellows:

D. Sheffield (1995-96) - Professor, University of Derby, UK
Kaki M. York, PhD, 2005-2007, Psychologist, VA Medical Center, Houston, TX

MD Post-doctoral fellows and current job status:

K. Adams (1982-84) – Professor, University of North Carolina, School of Medicine
W. Cascio (1984-86) – Professor and Chief of Cardiology, East Carolina University School of Medicine
Hinderliter (1986-87) –Professor, University of North Carolina, School of Medicine
P. Miller (1989-90) – Associate Professor, University of North Carolina, School of Medicine
A. Sena-Soberano (1991) –Internist, Chapel Hill, NC
G. DeGent (1993-94) – Cardiologist, Greensboro, NC
B. Go (1996-97) – Cardiologist, Raleigh NC
R. Krittayaphong (1996-97) – Professor, Mahidol University, Bangkok, Thailand
M. Mollod (1996) – Assistant Professor, Duke University

Chiu (1998-99) – Cardiologist, St. Mary’s Duluth Clinic, Duluth MN
S. Bhatta (1999-2000) – Cardiologist
B. Bartholomew (2000-2001) – Cardiologist, Florida
C. Kim (2001-02) – Cardiologist, Florida
S. Ramachandrani (2004-2005) – Hospitalist, Florida
M. Hassan (2006-2008) – Cardiology Research Fellow – University of Florida
S. Williams (2009-2010) –Cardiology Fellow - Emory University
C. Norton (2010-2011) – Cardiology Fellow – Emory University
R. Ramadan (2010-2012) –Cardiology Fellow – Emory University

Other:

A. Pusey (2004-2005) – NIH Minority Supplement – Medical Student
A. Mena (2007-2008) Honors College Student
A. Beitelshis Pharm D. (2008-2009) – Post Doc mentoring for R23
K. de la Torre, MS in Epidemiology (2015-2016)
N. Kelso, PhD in Epidemiology (2015-2016)
H. Crooke, PhD in Epidemiology (2015-2016)