

**CURRICULUM VITAE**  
**Athena Poppas, MD FACC**

**PERSONAL INFORMATION:**

Date of Birth: March 15, 1961  
Place of Birth: Janesville, Wisconsin  
Business Address: Rhode Island Hospital, 593 Eddy Street, Providence, Rhode Island, 02905  
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**EDUCATION**

1979-1983	Bachelor of Science	Brown University
1985-1989	Doctor of Medicine	University of Wisconsin Medical School

**POSTGRADUATE TRAINING:**

1989-1992	Internal Medicine	University of Wisconsin Hospital and Clinics Madison, Wisconsin
1992-1995	Cardiovascular Medicine	University of Chicago Hospital Chicago, Illinois

**POSTGRADUATE HONORS AND AWARDS:**

1992	Outstanding Medicine Resident Award University of Wisconsin Hospital and Clinics
1993	Leon Resnekov Memorial Fellowship for Excellence in Cardiology University of Chicago Hospital  Genetech/American College of Cardiology Meetings Grant University of Chicago Hospital
1994	Outstanding Cardiology Fellow, Upjohn Award University of Chicago Hospital
1995	Young Investigator Award, American Heart Association Scientific Conference on Cardiovascular Disease in Women
2006	Outstanding Teaching Award, Department of Medicine, Brown University Medical School

2003, 2009 Top Doctors for Women, Rhode Island Monthly Magazine  
 2011 Top Doctors in America, US News and Health  
 2014 Deans Excellence in Teaching Award, Brown University  
 2014 Reilly Cardiovascular Fellowship Teaching Award  
 2017, 2018 Top Doctors, Rhode Island Monthly Magazine  
 2019 Deans Excellence in Teaching Award, Brown University

**PROFESSIONAL LICENSURE AND CERTIFICATION:**

1989- Wisconsin, Illinois, Massachusetts and Rhode Island  
 1990 Diplomat, National Board of Medical Examiners  
 1992 Diplomat, American Board of Internal Medicine  
 1995, 2016 Diplomat, American Board of Internal Medicine, Cardiovascular Diseases  
 1999, 2009 Diplomat, National Board of Echocardiography

**ACADEMIC APPOINTMENTS:**

1994-1995	Instructor of Medicine, Section of Cardiology	University of Chicago
1996	Assistant Professor of Medicine, Section of Cardiology	University of Chicago
1998-2005	Assistant Professor of Medicine, Section of Cardiology	Brown University
2004	Acting Director, Cardiology Fellowship Program-RIH	Brown University
2006-2016	Associate Professor of Medicine, Section of Cardiology	Brown University
2017	Professor of Medicine, Section of Cardiology	Brown University
2017-2018	Interim Chief, Section of Cardiology	Brown University
2018-	Chief, Section of Cardiology	Brown University

**HOSPITAL APPOINTMENTS:**

1994-1996	Staff Physician, Section of Cardiology	University of Chicago Hospital
1997-2000	Clinical Associate, Department of Medicine	Massachusetts General Hospital

1997-	Staff Physician, Section of Cardiology	Rhode Island Hospital
	Staff Consultant, Department of Medicine	Women and Infants Hospital
1998-2000	Co-Director, Echocardiography Laboratory	Rhode Island Hospital
2001-2005	Institutional Review Board, member	Rhode Island Hospital
2001-	<b>Director</b> , Echocardiography Laboratory	Rhode Island Hospital
2003-2006	National Center of Excellence in Women's Health, Clinical Care Working Group, member	Women and Infants Hospital
2007	Search Committee Echo Director, member	Miriam Hospital
2008	Search Committee MFM Chair, member	Women & Infants Hospital
2009	Search Committee Cardiology Chief, member	Memorial Hospital
2011	Search Committee Electrophysiology Chief, <b>Chair</b>	Brown University
2011	Search Committee Cardiothoracic Surgeon, member	Brown University
2011	Search Committee Infectious Disease Chief, member	Brown University
2012-2017	Department of Medicine Promotion Committee, member	Brown University
2012-2014	Medical Resident Selection Committee, member	Brown University
2012-2014	Medical Staff Executive Committee, member	Rhode Island Hospital
2013-2016	<b>Director</b> , Cardiovascular Imaging, CVI	RI & Miriam Hospitals
2014-2016	<b>Vice-Director</b> , Cardiovascular Service Line	RI & Miriam Hospitals
2014-	Cardiovascular Service Line Executive Committee	RI & Miriam Hospitals
2015-2017	CVI Quality Steering Committee, <b>Chair</b>	RI & Miriam Hospitals
2016-	<b>Director</b> , Cardiovascular Service Line	RI & Miriam Hospitals
2017	Search Committee Emergency Medicine Chair, member	Brown University
2018	Lifespan-GE Health System Imaging Services, Steering Committee, member	RI & Miriam Hospitals

2017-2018	Lifespan Physicians Group Board of Directors	RI & Miriam Hospitals
2017-2018	Lifespan Physicians Group Governance Committee, <b>Chair</b>	RI & Miriam Hospitals

**REGIONAL APPOINTMENTS:**

2004-	University Cardiology Foundation, Testing Committee member
2005	Medicare/CMS Specialty Advisory Committee, invited member
2005	American Heart Association, Go-Red-for-Women, RI <b>Co-Chair</b>
2008-2016	Women’s Health Council of Rhode Island, Board member
2011-2013	Rhode Island Health Reform Commission Leadership Council, members
2017, 2018	Rhode Island Hospital Pursuit of Excellence, executive committee member

**NATIONAL APPOINTMENTS:**

1995-1997	American Heart Association, Laennec Society, Executive Committee Member
1998-present	American Society of Echocardiography Annual Scientific Sessions, Invited Faculty, Abstract Reviewer and Program Moderator
1999-present	American College of Cardiology, Abstract Reviewer and Session Moderator  Journal of the American Society of Echocardiography, Manuscript reviewer
2000-2003	NHLBI-BARI 2D Steering Committee, member Working Group- Cardiovascular Pharmacological and Hypertension Management,  Intersociety Commission Accreditation of Echocardiography Laboratories, reviewer
2001-	American Heart Association, Scientific Sessions Abstract Reviewer/ Moderator
2001-2005	American Society of Echocardiography, Women’s Health Advisory Group  American Society of Echocardiography, Membership Steering Committee
2003	American College of Cardiology, Allied Health Professionals Committee
2003-	American College of Cardiology, Women in Cardiology Committee

- ACC/AHA/NASPE Electrophysiology Data Standards Writing Committee
- Echocardiography Journal, Manuscript reviewer
- 2004-2006 American College of Cardiology, Task Force to Develop Ethics Agenda, member
- American College of Cardiology Board of Trustees Working Group: Environmental Trend Information, member
- American Heart Association, Conference on Women, Heart Disease and Stroke. Abstract Reviewer
- 2005-2007 American College of Cardiology Board of Governors Working Group: Strategic Planning, member
- American College of Cardiology Section Women in Cardiology, Professional Life Survey Work Group, Chair
- American College of Cardiology, Nominating Committee, member
- 2005-2009 American Heart Association, Women in Cardiology Committee, member
- American College of Cardiology, Women in Cardiology Committee, **Chair**
- 2006-2008 American College of Cardiology, Digital Programming Editorial Board, Member
- European Society of Cardiology, Scientific Sessions Abstract Reviewer.
- 2006- American College of Cardiology, Cardiosource Video News, reporter
- 2006-2007 American Society of Echocardiography, Exam Review Course Planning Committee
- 2007-2008 American Society of Echocardiography, **Scientific Sessions Program committee**
- 2007-2009 American College of Cardiology, Advocacy Committee, ex-officio member
- 2008- 2010 American Society of Echocardiography, SeeMyHeart Taskforce
- 2009-2014 American Society of Echocardiography, Bylaws and Ethics Committee, **Chair**
- American Society of Echocardiography, Awards Committee
- American College of Cardiology, Cardiovascular Leadership Institute, Program Faculty
- 2010-2013 American College of Cardiology, Live Programs Committee

American College of Cardiology, Council on Clinical Practice

2010-2015 American College of Cardiology, Clinical Quality Steering Committee

American College of Cardiology, Cardiosource Oversight Committee, **Chair**

American College of Cardiology, **Board of Trustees**

International Congress on Cardiac Problems in Pregnancy, Advisory Board member

2011-2014 Journal of the American Society of Echocardiography, **Editorial Board**

2012-2014 American College of Cardiology, Cardiometabolic Strategic Work Group

2013- American College of Cardiology Extending Learning (ACCEL), **Editorial Board**

2013-2016 American College of Cardiology, Section Steering Committee, **Chair**

American College of Cardiology, Strategic Planning committee

American College of Cardiology, Scientific Sessions 2015-16, **Chair**

2014-2016 European Society of Cardiology, Scientific Sessions Program committee

American Society of Echocardiography, Nominating Committee, member

TCT-ACCi2, Physicians Executive Committee, member

AHRQ Technical Panel: Noninvasive Testing for Coronary Artery Disease

American College of Cardiology, Governance Task Force, member

2015-2016 American College of Cardiology, Lifelong Learning Educational Oversight committee

2016-2019 American College of Cardiology, Governance committee, **Chair**

2017-2019 American College of Cardiology, Latin American Conference Program Committee

American Society of Echocardiography, Workflow & Lab Management Task Force

2018 American College of Cardiology, Task Force on Annual Quality and Leadership Conference, **Chair**

American Society of Echocardiography, Public Relations Committee, member

American College of Cardiology, Task Force Health System's Strategy, member

American College of Cardiology, CEO Search Committee, member

2019 American College of Cardiology, **Vice-President**

### **PROFESSIONAL SOCIETY INVOLVEMENT:**

1996-present American Heart Association, Fellow  
American College of Cardiology, Fellow  
American Society of Echocardiography, Fellow

1999-2009 American College of Cardiology, Rhode Island Chapter,  
Executive Council and Chairperson, Education Committee

2004-2007 Rhode Island Medical Society, Council member

2004-2007 American College of Cardiology, Rhode Island Governor and Chapter President

2010-2015 American College of Cardiology, Board of Trustees

### **BIBLIOGRAPHY.**

#### **Peer-reviewed Journals:**

1. **Poppas A**, Faith MR., Bierman HR: In Vivo Study of Lactoferrin and Murine Rebound Myelopoiesis. *Am J Hematol.* 1986;22:1-8.
2. **Poppas A**, Sawyer R, Vignon P, Kinder C, Bednarz J, Lee B, Feldman T, Glagov S, Lang R. A 73 Year Old Man with Syncope and Hypertension. *Circ.* 1996;93(2):380-386.
3. **Poppas A**, Shroff SG, Korcarz C, Hibbard J, Berger D, Lindheimer M, Lang RM. Serial Assessment of the Cardiovascular System in Normal Pregnancy: Role of Arterial Compliance and Pulsatile Arterial Load. *Circ.* 1997;95(10):2407-2415.
4. Spencer K, Krauss D, Mor-Avi V, **Poppas A**, Vignon P, Connor BG, Lang RM. Transnasal Transesophageal Echocardiography. *J Am Soc Echocardiogr.* 1998;10:728-737.
5. **Poppas A** and Rounds S. Recent Advances in the Approach to Congestive Heart Failure. (Invited) *Am J Resp Critical Care Med.* 2001;165:4-8.
6. Sheehan FH, Bolson EL, McDonald JA, Reisman M, Koch K, **Poppas A**. Method for 3D data registration from disparate imaging modalities in the NOGA myocardial viability trial. *IEEE Transactions in Medical Imaging.* 2002 Oct;21(10):1264-70.

7. Thambar ST, Schofield L, **Poppas A**, Bouchard M, Williams DO, Johnson LL,. Validation of R wave Voltage Endomyocardial Mapping to Assess Myocardial Fibrosis: Comparison with Thallium and Dobutamine Echocardiography in a Swine Model. *J Interv Cardiol*. 2003;16(1):23-31.
8. **Poppas A**, Sheehan F, Harm V, Kornowski R, Reisman M. Validation of Viability Assessment by Electromechanical Mapping by Three-dimensional Reconstruction with Dobutamine Stress Echocardiography in Patients with Coronary Artery Disease. *AJC*. 2004;93(9):1097-1101.
9. Johnson L, Schofield L, Bouchard M, Chaves M, **Poppas A**, Reinert S, Zalesky R, Creech J, Williams DO. Hyperbaric Oxygen Solution Infused into the Anterior Interventricular Vein at Reperfusion Reduces Infarct Size in Swine. *Am J Physiol Heart Circ*. 2004;287: H2234-H2240.
10. Kimmelstiel C. Levine D. Perry K. Patel AR. Sadaniantz A. Gorham N. Cunnie M. Duggan L. Cotter L. Shea-Albright P. **Poppas A**. LaBresh K. Forman D. Brill D. Rand W. Gregory D. Udelson JE. Lorell B. Konstam V. Furlong K. Konstam MA. Randomized, controlled evaluation of short- and long-term benefits of heart failure disease management within a diverse provider network: the SPAN-CHF trial. *Circulation*. 2004;110(11):1450-5.
11. Gunstad, J., MacGregor, K., Paul, R., **Poppas, A.**, Jefferson, A., Todaro J, Cohen, R. Cardiac Rehabilitation Improves Cognitive Performance in Older Adults with Cardiovascular Disease. *J Cardiopulmonary Rehab*. 2005;25:173-176.
12. Ostermayer SH, Reisman M, Karamer P, Matthews R, Gray W, Block P, Omran H, Bartorelli A, Bella P, DiMario C, Pappone C, Casale P, Moes JW, **Poppas A**, Williams DO et al. Percutaneous Left Atrial Appendage Transcatheter Occlusion (PLAATO) to Prevent Stroke in High Risk Patients with Non-Rheumatic Atrial Fibrillation: Results from the Multi-center International Feasibility Trail. *JACC*. 2005;46:9-14.
13. Paul R, Gunstad J, **Poppas A**, Tate D, Foreman D, Brickman AM, Jefferson A, Hoth K, Cohen R. Neuroimaging and Cardiac Correlates of Cognitive Function Among Patients with Cardiac Disease. *Cerebrov Dis*. 2005;20(2):129-33.
14. Gunstad J, Cohen R, Tate D, Paul R, **Poppas A**, Hoth K, MacGregor, K, Jefferson A. Blood Pressure Variability and White Matter Hyperintensities in Older Adults with Cardiovascular Disease. *Blood Pressure*. 2005;14(6):353-8.
15. Hopkins R, Harrington C, **Poppas A**. Münchhausen Syndrome Simulating Acute Aortic Dissection. *Ann Thoracic Surgery*. 2006;81:1497-99.
16. Gunstad J, Bausserman L, Paul R, Tate D, Hoth K, **Poppas A**, Jefferson A, Cohen R. C-Reactive Protein, but not Homocysteine, is related to Cognitive Dysfunction in Older Adults with Cardiovascular Disease. *J Clin Neuroscience*. 2006;13(5):540-6.



17. Maslow AD, Mahmood F, **Poppas A**, Singh A Intraoperative Dobutamine Stress Echocardiography To Assess Aortic Valve Stenosis. *J Cardiothoracic Vasc Anesth*. 2006;20(6):862-866.
18. Gunstad J, Cohen R, Paul R., Tate D, Hoth K, **Poppas, A**. Understanding Reported Cognitive Dysfunction in Older Adults with Cardiovascular Disease. *Neuropsychiatric Disease and Treatment*. 2006;2:213-218.
19. Gunstad J, **Poppas A**, Smeal S, Paul, R., Tate D, Jefferson A, Forman D, Cohen R. Elevated BNP levels and reduced cognitive performance in adults > 55 years of age with cardiovascular disease. *American Journal of Cardiology*. 2006;98(4):538-40.
20. DiMarco JP. Fisher JD. Greene HL. Haines DE. Hayes DL. Heidenreich PA. Miller JM. **Poppas A**. et al. ACC/AHA/HRS 2006 key data elements and definitions for electrophysiological studies and procedures: a report of the American College of Cardiology/American Heart Association Task Force on Clinical Data Standards (ACC/AHA/HRS Writing Committee to Develop Data Standards on Electrophysiology) *Journal of the American College of Cardiology*. 2006;48(11):2360-96.
21. Jefferson A., **Poppas A**., Paul R., Cohen R. Cardiac output and cognition: A relationship between systemic hypoperfusion and executive dysfunction. *Neurobiology of Aging*. 2007;28(3):477-83.
22. Hoth K, Tate D, **Poppas A**, Forman D, Gunstad J, Moser DJ, Paul RF, Jefferson AL, Haley AP, Cohen R. Endothelial Function and White Matter Hyperintensities in Older Adults with Cardiovascular Disease. *Stroke*. 2007;38:1-8.
23. Keary, T, Gunstad, J, **Poppas, A**, Paul, R, Jefferson, Hoth, K, Sweet, L, Forman, Cohen, R. Blood pressure variability predicts Dementia Rating Scale performance in older adults with cardiovascular disease. *Cognitive and Behavioral Neurology*. 2007;20:73-77.
24. Regnante R, **Poppas A**. Giant Cell Myocarditis Presenting as Isolated Right Ventricular Dysfunction. *Medicine and Health, RI*. 2007;90(2):50-1.
25. Haley AP, Forman DD, **Poppas A**, Hoth K, Gunstad J, Jefferson AJ, Paul RH Sweet LH, Cohen RA. Carotid Artery Intima-Media Thickness and Cognition in Cardiovascular Disease. *Int J Cardio*. 2007;121(2):148-54.
26. Haley AP, Sweet L, Gunstad J, Forman DE, **Poppas A**, Paul R, Tate D, Cohen RA. Atherosclerosis and Verbal Working Memory in Patients with Cardiovascular Disease: an fMRI study. *J Neuroimaging*. 2007;17:227-233.
27. Jefferson AL, Tate DF, **Poppas A**, Brickman, AM, Paul RH, Gunstad J, Cohen RA. Lower cardiac output is associated with greater white matter hyperintensities in older adults with cardiovascular disease. *Journal of the American Geriatrics Society*. 2007;55(7):1044-8.

28. Hoth K, Nash J, **Poppas A**, Ellison K, Paul R, Cohen R. Effects of Cardiac Resynchronization Therapy on Health Related Quality of Life in Older Adults with Heart Failure. *Clin Interv in Aging*. 2008;3(3):553-60.
29. Hoth KF, Haley AP, Gunstad J, Paul RH, **Poppas A**, Jefferson AL, Tate DF, Ono M, Jerskey BA, Cohen RA. Elevated C-reactive Protein is Related to Cognitive Decline in Older Adults with Cardiovascular Disease. *Journal of the American Geriatrics Society*. 2008;56(10):1898-903.
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31. **Poppas A**, Cummings J, Dorbala S Douglas PS, Poster E, Limacher MC. Survey results: a decade of change in professional life in cardiology: a 2008 report of the ACC women in cardiology council. *JACC*. 2008;52(25):2215-26.
32. Johnson LL, Schofield L, Donahay T, Bouchard M, **Poppas A**, Haubner R. Radiolabeled arginine-glycine-aspartic acid peptides to image angiogenesis in swine model of hibernating myocardium. *JACC Imaging*. 2008;1(4) 500-510.
33. Hoth, K.F., **Poppas, A.**, Moser, D.J., Paul, R.H., Cohen, R.A. Cardiac dysfunction and cognition in older adults with heart failure. *Cognitive and Behavioral Neurology*. 2008;21(2):65-72.
34. Forman DD, Cohen RA, Hoth K, Haley A, **Poppas A**, Moser DJ, Gunstad J, Paul RH, Jefferson AJ, Tate DF, Ono M, Wake N, Gerhard-Herman M. Vascular Health and Cognitive Function in Older Adults with Cardiovascular Disease. *Artery Research*. 2008;2(1):35-43.
35. Jerskey BA, Cohen RA, Jefferson AL, Hoth KF, Haley AP, Gunstad JJ, Forman DE, Sweet LH, **Poppas A**. Sustained attention is associated with left ventricular ejection fraction in older adults with heart disease. *JINS*. 2009;15(1):137-141.
36. Cohen RA, **Poppas A**, Forman D, Hoth K, Haley A, Gunstad J, Jefferson AJ, Tate D, Paul RH, Sweet LH, OnoM Gerhard-Herman M. Vascular and Cognitive Functions associated with Cardiovascular Disease in the Elderly. *J Clin and Exper Neuropsychology*. 2009;31(1): 96-110.
37. Jefferson AJ, Holland CM, Tate D, Csapo I, **Poppas A**, Cohen R, Guttmann CRG. Atlas-driven perfusion correlates of white matter hyperintensities in patients with reduced cardiac output. *Neuro Bio Aging*. 2009;Mar 6,epub.
38. Tsiaris S and **Poppas A**. Mitral Valve Disease in Pregnancy: Outcomes and Management. (Invited review). *Obst Med*. 2009;2:6-10.
39. Gunstad J, Keary T, **Poppas A**, Paul R, Jefferson AL, Sweet L, Hoth K, Haley A, Forman D, Cohen R. Blood pressure and cognitive function in older adults with cardiovascular disease. *International Journal of Neuroscience*. 2009;119:2228-2242.

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42. Tate D, Jefferson AJ, Brickman AM, Gunstad J, MacGregor KL, Hoth KF, Paul RF, **Poppas A**, Cohen R. Regional White Matter Signal Abnormalities and Cognitive Correlates among Geriatric Patients with Treated Cardiovascular Disease. *Brain Imaging and Behavior*. 2008;2(3):200-206.
43. Haley AP, Hoth KF, Gunstad J, Paul RH, Jefferson AL, Tate DT, Ono M, Jerskey BA, **Poppas A**, Sweet LH, Cohen RA. Subjective cognitive complaints relate to white matter hyperintensities and future cognitive decline in patients with cardiovascular disease. *Am J Geriatric Psych*. 2009;17:976-985.
44. **Poppas A**, Coady M. Echocardiographic Findings and Cardiac Surgical Implications of Aortitis and Valvulitis in Behcet's. *JASE*. 2009;11(22):1275-1278.
45. Maslow AD, Casey P, **Poppas A**, Singh A. Aortic Valve Replacement with or without Coronary Artery Bypass Surgery: The Risk of Surgery In Patients  $\geq$  80 Years Old. *J Cardiothorac Vasc Anesth*. 2010;24(1):18-24.
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47. Hoth KF, **Poppas A**, Ellison KE, Paul RH, Sokobin A, Cho Y, Cohen RA. Link between change in cognition and left ventricular function following cardiac resynchronization therapy. *J Cardiopulm rehab Prev*. 2010;28:299-314.
48. Coady MA, Stockwell PH, Robich, MP, **Poppas A**, Selke FW. Should Aortas in Patients with Bicuspid Aortic Valve really be Resected at an Earlier Stage than Tricuspid? CON. *Cardiology Clin*. 2010;28(2):299-314.
49. Tsiaris S, **Poppas A** Cardiac Disease in Pregnancy: Value of Echocardiography *Curr Cardiol Rep*. 2010;12(3):250-6.
50. Maslow AD, Singh A, Mahmood F, **Poppas A**: Intraoperative assessment of mitral valve area after mitral valve repair for regurgitant valves. *J Cardiovasc Thorac Anesth*. 2011;25(3):486-90.

51. Casserly B, Atalay MK, **Poppas A**, Klinger JR, Abu-Hijleh M. Pulmonary Puzzle: An unusual cause of chest pain. *Thorax*. 2011;66(4):285-6.
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53. Maslow AD, Gemignani A, Singh A, Mahmood F, **Poppas A**: Intraoperative assessment of mitral valve area after mitral valve repair: Comparison of Different Methods. *J Cardiovasc Thorac Anesth*. 2011;25(2):221-8.
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56. Earl TJ, **Poppas A**. Type A aortic dissection presenting with acute lower extremity vascular insufficiency in the absence of chest pain. *Open J Cardiovasc Surg*. 2012 Feb;13;5:1-4. PMID 26949339
57. Atalay MK, **Poppas A**. Cardiac CT angiography findings in paradoxical coronary artery embolism. *Med Health R I*. 2012 May;95(5):141-2. PMID: 22808629
58. Keary TA, Gunstad J, Benitez A, Spitznagel MB, McCaffery J, McGeary JE, **Poppas A**, Paul RH, Sweet LH, Cohen RA. TCF7L2 polymorphism and cognitive test performance in cardiovascular disease. *Psychogeriatrics*. 2012 Jun;12(2):93-8. PMID: 22712642
59. Earl TJ, **Poppas A**. Left atrial myxoma presenting with cerebral embolism. *Med Health RI*. 2012 Dec;95(12):397. PMID: 23346743
60. Walsh MN, Bove AA, Cross RR, et al. ACCF 2012 health policy statement on patient-centered care in cardiovascular medicine: a report of the American College of Cardiology Foundation Clinical Quality Committee. *JACC*. 2012 Jun 5;59(23):2125-43. PMID: 22591882
61. Maslow A, Mahmood F, Singh A, Dobrilovic N, **Poppas A**. Problems with excess mitral leaflet after Repair: possible issues during repair and preservation of the posterior leaflet. *J Cardiothorac Vasc Anesth*. 2013 Feb;27(1):92-7. PMID: 22424874
62. Alosco ML, Benitez A, Gunstad J, Spitznagel MB, McCaffery JM, McGeary JE, **Poppas A**, Paul RH, Sweet LH, Cohen R.A. Reduced memory in Fat Mass and Obesity Associated (FTO) allele carriers among older adults with cardiovascular disease. *Psychogeriatrics*. 2013 Mar;13(1):35-40. PMID: 23551410

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64. Szabo AJ, Alosco ML, Miller, A, McGeary JE, **Poppas A**, Cohen RA., Gunstad J. Brain-Derived Neurotrophic Factor Val66Met Polymorphism and Cognitive Function in Persons with Cardiovascular Disease. *Psychogeriatrics*. 2013 Dec; 13(4):206-12. PMID: 24289461
65. Maslow AD, Mahmood F, **Poppas A**, Singh A Three Dimensional Echocardiographic Assessment of the Repaired Mitral Valve. *J Cardiothorac Vasc Anesth*. 2014 Feb;28(1):11-7. PMID: 24075641
66. Xu X, Jerskey B, Cote D, Walsh E, Ladino M, Clark U, Labbe D, Gunstad J, **Poppas A**, Cohen R, Hoge R, Sweet L. Cerebrovascular perfusion among older adults is moderated by strength training and gender. *Neuroscience Letters*. 2014 Feb;560:26-30. PMID: 24355360
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70. Lin A, **Poppas A**. Mansoor A, Fernandez AB. Pseudoaneurysm of the Mitral-Aortic Intervalvular Fibrosa *JCM*. 2015 Jan;16 Suppl 1:s33-4. PMID: 25050527
71. Alosco M.L., Gunstad J., Beard C., Xu X., Clark U.S, Labbe D, Jerskey B.A., Ladino M., Cote D, Walsh E, **Poppas A**, Cohen R.A., Sweet L.H. The Synergistic Effects of Anxiety and Cerebral Hypoperfusion on Cognitive Dysfunction in Older Adults with Cardiovascular Disease. *Journal of Geriatric Psychiatry and Neurology*. 2015 Mar;28(1):57-66. PMID: 25009160
72. Kim J, Cohen S, Maslow A, Atalay M, **Poppas A**. Quantitative Assessment of Right Ventricular Volumes and Ejection Fraction in Patients with Left Ventricular Systolic Dysfunction by Real Time 3D Echocardiography Versus Cardiac Magnetic Resonance Imaging. *Echocardiography*. 2015 May;32(5):805-12. PMID: 25109323
73. Driesman A, Hyder O, Lang C, Stockwell P, **Poppas A**, Abbott JD. Incidence and Predictors of Left Ventricular Thrombus after Primary Percutaneous Coronary Intervention for Anterior ST segment Myocardial Infarction. *Clin Card* 2015 Oct;38(10):590-597. PMID: 26417910

74. Vigneswaran H, Parikh L, **Poppas A**. Stabbing Yourself in the Heart: A Case of Autoimmune Gone Awry. *Case Report Medicine*. 2015;2015:757410. PMID: 26664359
75. Jaggi R, Biga C, **Poppas A**, Rodgers G, Walsh M, White P, Mckendry C, Sasson J, Schulte P, Douglas P. Work Activities and Compensation of Male and Female Cardiologists. *JACC*. 2016 Feb9;67(5):529-41. PMID: 26560679
76. Ollila T, Naeem S, **Poppas A**, McKendall G, Ehsan A Embolization of Inferior Vena Cava Filter Tyne and Right Ventricular Perforation: A cardiac Missile. *Ann Thorac Surg*. 2016;102(6):e515-e516.
77. Foderaro AE, Baird GL, Bazargan-Lari A, Morrissey PE, Gohh RY, **Poppas A**, Klinger JR, Ventetuolo CE. Echocardiographic pulmonary hypertension predicts post-transplant renal allograft failure. *Transplantation Proceedings*. 2017;49(6):1256-1261.
78. Lewis SJ, Mehta LS, Douglas PS, Gulati M, Limacher MC, **Poppas A**, Walsh MN, Rzeszut AK, Duvernoy CS; Changes in the Professional Lives of Cardiologists over two Decades. *J Am Coll Cardiol*. 2017 Jan 31;69(4):452-462.
79. Beale C, Stockwell P, Apostolidou E, **Poppas A**. Pseudoaneurysm of the Mitral-Aortic Intervalvular Fibrosa (P-MAIVF): A case series with literature review. *CASE*. 2017;6:221-226.
80. Sardar P, Kundu A, **Poppas A**, Abbott JD. Representation of Women in ACC/AHA Guideline Writing Committees. *J Am Coll Cardiol*. 2018;72(4): 464-466
81. French KA, **Poppas A**. Rheumatic Heart Disease in Pregnancy: Global Challenges and Clear Opportunities. *Circulation*. 2018 Feb 20;137(8):817-819.
82. Kim J, Levine R, **Poppas A**. Tissue-Based Markers of Right Ventricular Dysfunction in Ischemic Mitral Regurgitation Assessed via Stress Cardiac Magnetic Resonance and Three-Dimensional Echocardiography. *International J of Cardiovasc Imaging*. 2018 Nov. <https://doi.org/10.1007/s10554-018-1500-4>.
83. Nadler DL, **Poppas A**. Can Early Management of Hypertension by General Practitioners Improve Outcomes? *US Cardiology Review*. 2019;13(1):58-60.
84. Jordan K, Yaghi, S, Poppas, A, Chang AD, Mac Grory B, et al. Left Atrial Volume Index is Associated with Cardioembolic Stroke and Atrial Fibrillation Detection After Embolic Stroke of Undetermined Source. *Stroke*. 2019 Aug 50:00-00. Doi: 10.1161/STROKEAHA.119.025384.

**Other Peer-reviewed Publications:**

1. **Poppas A** and Ginsberg GS. and Cardiovascular Disease. in UpToDate in Cardiology. Arnsdorf MF and Rose B (eds). CD ROM. August 1995 and 1999.
2. **Poppas A** and Gibson, P. Valvular Heart Disease in Pregnancy. Rosene KA (ed). Physicians' Information and Education Resource, American College of Physicians, 2000.

3. Douglas P and **Poppas A**. Determinants and Management of Cardiovascular Risk in Women. in UpToDate in Cardiology. Arnsdorf MF and Rose B (eds). CD ROM. 2001-present.
4. **Poppas A** and Kim A. Congenital Heart Disease in Pregnancy. Rosene KA (ed). Physicians' Information and Education Resource, American College of Physicians 2003.
5. **Poppas A**. Stress Echocardiography in Women. American Society of Echocardiography Educational Website, 2004.
6. **Poppas A, Section Editor**. Valvular Heart Disease. ECHOSAP05, American College of Cardiology, 2005.
7. **Poppas A**. Cardiovascular Disease, chapters 25-29. in Medical Care of the Pregnant Patient. Rosene KA, Keely E, Barbour LA, Lee RV. (ed). American College of Physicians Press, 2008.
8. **Poppas A, Section Editor**. Valvular Heart Disease. Advanced ECHOSAP07, American College of Cardiology Foundation, 2009.
9. **Poppas A, Section Editor**. Valvular Heart Disease. ECHOSAP09, American College of Cardiology Foundation, 2013.
10. **Poppas A** and Kuvin J. The Future of Cardiology: Fellow and Early Career Engagement at National Meetings (invited response). JACC 2016
11. Chazal R and **Poppas A**. Governance Transformation: On the Path Towards a More Nimble, Strategic College. (invited) JACC 2016;68:763
12. Apostolidou E, Maslow AD, **Poppas A**. Primary Mitral Valve Regurgitation: Update and Review. Global Cardiology Science and Practice (invited) 2017:3
13. **Poppas A, Section Editor**. Physics Principles. ECHOSAP, American College of Cardiology Foundation, 2018.
14. Kates A, Morris P, **Poppas A**, Kuvin JT. Impact of Live, Scientific Annual Meetings in Today's Cardiovascular World. (invited) JACC 2018;72(17):2082-5

#### **Book Chapters:**

1. **Poppas A**, Sanjeev S, Marcus R, Lang R. Noninvasive Determination of Arterial Compliance. in Functional Abnormalities of the Aorta. Boudoulakis H, Toutouzas P, Wooley CF (eds). Futura Publishing Co. Inc., Mount Kisko NY, 1995.
2. Lang R, Lampert M, **Poppas A**, Elkayam E. Peripartum Cardiomyopathy: Etiology, Pathophysiology and Treatment. in Principles of Medical Therapy in Pregnancy. Gleicher U, Elkayam E, Galbraith RM (eds.). Plenum, New York, NY, 1998.
3. **Poppas A**. Congenital and Acquired Heart Disease. in Medical Care of the Pregnant Woman. Barbour L, Garner PR, Lee RV, Rosene KA (eds). American College of Physicians, 1999.

4. **Poppas A**, Moulton A. Coronary Artery Disease. in Primary Care in Women. Carlson KJ, Eisenstat SA (eds). Harcourt Co., St. Louis, MO 2002.
5. **Poppas A**. Heart Disease. in Medical Care of the Pregnant Woman. Barbour L, Garner PR, Lee RV, Rosene KA (eds). American College of Physicians, 2006.
6. Maxwell C, **Poppas A** and Sermer M. Cardiovascular disease in Pregnancy. In. de Swiet's Medical Disorders in Obstetric Practice Gleicher (eds) 2009.
7. Fung K and **Poppas A**. Cardiovascular Physiology. In Cardiovascular Disease and the Brain. Cohen R.(ed.) Oxford University Press. 2009.
8. Sorrentino, M and **Poppas A**. Cardiovascular Disease, chapters. in Medical Management of the Pregnant Patient. Rosene KA, (ed). Springer Science Press, 2012

**Abstracts:**

1. **Poppas A** , Korcarz C, Sandelski J, Weinert L, Bednarz J, Marcus RH. Noninvasive Determination of Aortic Compliance in Pregnancy, Systemic Hypertension and Heart Failure. *Circ* 88(4) I-409, 1993.
2. Hibbard J, **Poppas A**, Korcarz C, Marcus R, Lindheimer M, Lang R. Aortic Compliance in Early Pregnancy. *Am J Obstet Gynecol* Vol 170:No 1, Part 2, 186A, 1994.
3. **Poppas A**, Korcarz C, Shroff SG, Hibbard J, Lindheimer M, Marcus R, Lang RM. Systemic Arterial Properties in Normal Pregnancy. *Circ* 90(4) I-555, 1994.
4. Hibbard J, **Poppas A**, Korcarz C, Marcus R, Lindheimer M, Lang R. Are cardiovascular changes during pregnancy efficient? *Am J Obstet Gynecol* Vol 172:No2,315A, 1995.
5. Korcarz C, Hibbard J, Sandelski J, **Poppas A**, Berger D, Lindheimer M, Lang R, Shroff S. Characterization of Arterial Circulation in Hypertension-Complicating Pregnancy. *Circ*, 92(8) I-548, 1995.
6. Nelson B, **Poppas A**, Krauss D, Spencer K, Balasia B, Lang R. Incremental Value of the ECG in Dobutamine Stress Echo. *J Am Coll Cardiol*, 27(2), 128A, 1996.
7. Spencer K, Krauss D, **Poppas A**, Connor B, Lang R. Feasibility of Transnasal Transesophageal Echocardiography. *Circ*, 94(8) I-133, 1996.
8. Khurana A, Davis K, Johnson L, **Poppas A**. Endothelial Dysfunction in Perimenopausal Women with Chest Pain. *Circ* 98(19) I-847, 1998.
9. Tolerico P, Bouchard M, Johnson L, **Poppas A**. Comparison of Myocardial Contrast Echocardiography, Thallium-201 and Myocardial Blood Flow in a Swine Model. *Circ* 100(18) I-441, 1999.



10. **Poppas A**, Harm V, Kornowski R, Cohen B, McCormick D, Worley S, Reisman M. The NOGA™ Myocardial Viability Project: Comparison of Echocardiography and NOGA Mapping. *Circ*, 102(18) II-816, 2000.
11. Johnson LL, **Poppas A**, Thambar S, Schofield L, Bouchard M. A Swine Model of Chronic Multivessel Disease and LV Hibernation. *Circ* (in press), 2001.
12. **Poppas A**, Bouchard M, Schofield L, Johnson LL. Relation of Left Ventricular Regional Wall Motion and Viability to Pathology in a Swine Model of Chronic Ischemia. *Circ*, 104(17) II-749, 2001.
13. Sheehan F, **Poppas A**, Miele N, Reisman M. Prediction of Myocardial Viability by Electroanatomical Mapping: Comparison with Dobutamine Stress Echo. *Circ*, 104(17) II-638, 2001.
14. **Poppas A**, Nakai T, Sievert H. et al. Percutaneous Left Atrial Appendage Transcatheter Occlusion (PLAATO) in Patients with Atrial Fibrillation: Intra-procedural and follow-up Transesophageal Echocardiography. *Circ* 106(21) II-728, 2002.
15. Sievert H, Lesh MD, Ostermayer S, Billinger K, Trepels T, Omram H, Bartorelli AL, Bella P, Nakai T, Reisman M, Gray W, DiMario C, Block PC, Kramer P, Williams DO, **Poppas A**, Skanes A, Krumdorf U, Scherer D. Percutaneous Left Atrial Appendage Transcatheter Occlusion (PLAATO) to Prevent Stroke in Patients with Atrial Fibrillation: Initial Results of the Multicenter Feasibility Trial. *JACC* 41(6): 79A, 2003.
16. Reisman M, Gray W, Sievert H, Kramer P., Block PC, DiMaria C, Bortorelli AL, Bella P, Omram H, **Poppas A**, Williams DO, Skanes A, Meier B, Nakai T, Lesh MD. An Endovascular Approach to Stroke Prevention in Atrial Fibrillation: Results of the Multicenter PLAATO (Percutaneous Left Atrial Appendage Transcatheter Occlusion) Feasibility Trial. *JACC* 41(6):103A,2003
17. Anderson LL, **Poppas A**, Reinert S, Demus D, Miele N, Shurman A, Johnson LL. Dobutamine Nuclear Myocardial Perfusion imaging Compared to Dobutamine Stress Echocardiography as a Prognostic Test for Coronary Artery Disease. *JACC* 41(6): 411A, 2003
18. **Poppas A**, Nakai T, Crouse L. et al. Echocardiography Follow-up of Percutaneous Left Atrial Appendage Transcatheter Occlusion (PLAATO) in Patients with Atrial Fibrillation. TCT, 2003.
19. **Poppas A**, Omran H, Sievert H. et al. One-Year Echocardiographic Follow-up of Percutaneous Left Atrial Appendage Transcatheter Occlusion (PLAATO) in Patients with Atrial Fibrillation. *Circ* 108(17) IV-483, 2003.
20. Bayard Y, Buscheck F, Ostermayer S, Reisman M, Lesh M, Nakai T, Gray W, **Poppas A**, et al. Percutaneous Left Atrial Appendage Transcatheter Occlusion (PLAATO) to Prevent Stroke in Patients with Atrial Fibrillation. *JACC* 43(5) 33A, 2004.

21. **Poppas A**, Nakai T, Sievert H. et al. Serial Echocardiographic Follow-up of Percutaneous Left Atrial Appendage Transcatheter Occlusion (PLAATO) in Patients with Atrial Fibrillation. *JACC* 43(5) 348A, 2004
22. **Poppas A**, Grey W, Resiman M. et al. Transesophageal Echocardiography Follow-up of Percutaneous Left Atrial Appendage Transcatheter Occlusion (PLAATO) in Patients with Atrial Fibrillation. TCT, 2004
23. Bayard Y, Buscheck F, Ostermayer S, Reisman M, Block P, Gray W, **Poppas A**, et al. Percutaneous Left Atrial Appendage Transcatheter Occlusion (PLAATO) to Prevent Stroke in 198 Patients. *Circ* 2004.
24. Jefferson AL, **Poppas A**, Paul R, McGregor K, Freeman A, Paul RH, Cohen R. Cardiac Output and Cognitive Functioning: Evidence for a Relationship Between Systemic Perfusion and Executive Dysfunction. *Int . Neuropsych*, 2005.
25. Jefferson AL, D'Aprile A, Tate DF, Paul RH, Gunstad J, MacGregor KL, **Poppas A**, Bausserman L, Cohen RA. Verbal learning and memory performances among geriatric cardiac participants: Relationships to Apolipoprotein E(ApoE) gene polymorphisms. *Int . Neuropsych*, 2005
26. **Poppas A**, Sievert H, Pepi M. et al. Transesophageal Echocardiography of Percutaneous Left Atrial Appendage Transcatheter Occlusion (PLAATO) in Patients with Atrial Fibrillation at High Risk for Stroke. *JASE*, 18(6) 2005.
27. Rana N, Brunner M, Hajjir M, Lorvidhaya P, Folco E, Pringa E, Centracchio J, Schofield L, **Poppas A**, Zehender M, Kirk M, Koren G. Ventricular arrhythmias and altered QT/RR relations in transgenic rabbit models of LQT1 and LQT2 . *Circ* 248, 2006.
28. Ellison K, Hoth K, **Poppas A**, Buxton A. Beneficial Effects of Cardiac Resynchronization Therapy in Patients with Class Two Heart Failure *Circ* 2007.
29. Benitez A., Gunstad J., Hoth, K, McCaffery, J., McGeary, J., Kakos, L, **Poppas, A.**, Paul, R., Jefferson, A, Sweet L, Cohen, R. SELP 1087G/A Polymorphism is Associated with Neuropsychological Test Performance in Adults with Cardiovascular Disease. *Inter Neuropsychological Society*, 2009
30. Hoth K.F., **Poppas A.**, Ellison K.E., Paul R.H., Sokobin A., Cohen R.A Improvements in Neuropsychological Performance Following Cardiac Resynchronization Therapy for Heart Failure. *International Neuropsychological Society*, 2009
31. Combs C, Vales L, Larson L, **Poppas A.** Palpitations in Pregnancy. *Cardiac Problems in Pregnancy*, 2010
32. Moraco A. **Poppas A.** What is an exertional headache? *American College of Physicians*, 2011

33. Kim J, Cohen SB, Atalay M, Adams D, Maslow A, **Poppas A**. Right Ventricular Assessment by Real-Time 3D Echocardiography versus Cardiac Magnetic Resonance in Patients with Left Ventricular Dysfunction. ASE, 2012
34. Alosco M.L., Gunstad J., Jerskey B.A., Clark U.S., Hassenstab J.J., Xu X, **Poppas A.**, Cohen R.A., Sweet L.H. Left Atrial Size is Independently Associated with Cognitive Function. International Neuropsychological Society Annual Conference, 2013
35. French K, Tsairis S, Khan J, Miller M, **Poppas A**. Peripartum Cardiomyopathy: Longitudinal followup. American College of Cardiology, 2013
36. Fernandez A, **Poppas A**, Bern C, Gillman R. Electrocardiographic and echocardiographic findings in a hyperendemic chagas community. Northwestern research symposium, 2013
37. Mehta N, **Poppas A**. Value of BNP for dyspnea in Pregnancy. Cardiac Problems in Pregnancy, 2014
38. Jagsi R, Biga C, **Poppas A**, Rodgers G, Walsh M, White P, Mckendry C, Sasson J, Schulte P, Douglas P. Differences in Work Activities and Compensation of Male and Female Cardiologists in Community Practice. American Heart Association, 2015
39. Lewis S, Mehta L, Douglas P, Gulati M, Limacher M, **Poppas A**, Walsh M, Bohannon K, Rzeszut A, Duvernoy C. The Professional Life of Cardiologists: Insights from the Third American College of Cardiology Professional Life Survey. American College of Cardiology, 2016
40. Parikh L, Abisse S, **Poppas A**, Gleason P, Cilia L, Maslow A, Singh A. Echocardiographic predictors of Tricuspid Ring Failure. American College of Cardiology, 2017
41. Mehta L, Lewis, S, Duvernoy C, Limacher M, **Poppas A**, Walsh, MN, Rzeszut A, Linzer M, Harrington RA, Binkley P, Cohen RS, Itchhaporia D, Kort S, Douglas, P. Burnout and Career Satisfaction Among Cardiologists. American Heart Association, 2017
42. Alakbarli J, Raza F, Shah T, Pollie MP, **Poppas A**, Devereux RB, Weinsaft JW, Kim J. Incremental Value of Right Ventricular Strain and 3D Echo Compared to Conventional Echo Approaches For Detection of Cardiac MRI (CMR) Evidenced Right Ventricular Dysfunction in Ischemic Mitral Regurgitation, American College of Cardiology, 2018
43. Maan A, Heist K, Veddunda V, Mansour M, Ruskin J, Beale C, **Poppas A**, Apostolidou E. Association of Global Longitudinal Strain With Atrial Fibrillation in the Patients With Heart Failure With Preserved Ejection Fraction: Insights From the TOPCAT Trial. American Heart Association, 2018
44. Yaghi S, Chang A, Akiki R, Scott Collins S, Novack T, SchomerA, Hemendinger M, Mac Grory B, Cutting S, Song C, **Poppas A**, Elkind M, Furie K, Atalay M. High Risk Left Atrial Appendage Morphology (LAA-H) is Associated with Cardioembolic and Embolic Stroke of Unknown Source Subtypes. Stroke Association, 2019

45. Frenchu K, Monteiro C, Flood S, **Poppas A**, Chu A. Brugada Syndrome: Death Reveals Its Perpetrator. American College of Cardiology Scientific Sessions, 2019

**Invited Presentations:**

**International:**

1. Arterial Compliance in Women. Second International Symposium on the Functional Abnormalities of the Aorta. Athens, Greece, April 1996
2. Stress Echocardiography in Women. World Congress of Echocardiography and Vascular Ultrasound. Cairo, Egypt, January 2000
3. Unusual Case Studies in Echocardiography: Sixteenth Annual International Conference on Recent Advances in Echocardiography. Anaheim, California, March 2000
4. Optimal Treatment for Ischemia: Tailored Medical Therapy. American College of Cardiology Scientific Sessions, Core Curriculum. Anaheim, California, March 2000
5. Case Studies in Echocardiography: Read with the Experts. Annual International Conference on Echocardiography. New Orleans, LA November 2000
6. Unusual Cases in Echocardiography: Seventeenth Annual International Conference on Advances in Echocardiography. Orlando, FL March 2001
7. Hypertrophic Cardiomyopathy and Echocardiography. American College of Cardiology Scientific Sessions, Spotlight Session, Chicago Illinois, March 2003
8. Echocardiography Case Studies: Read with the Experts: Twentieth Annual International Conference on Advances in Echocardiography. New Orleans, LA March 2004
9. Interventional Echocardiography. American College of Cardiology Scientific Sessions, Spotlight Session, New Orleans, LA, March 2004
10. Hemodynamics and Echocardiography in Normal Pregnancy. American Heart Association, Scientific Sessions, Cardiovascular Seminars, New Orleans, LA, November 2004
11. Abnormalities of Systolic Function: Why is this patient in heart failure? American College of Cardiology Scientific Sessions, Echo Spotlight Session, Orlando, FL March 2005
12. Stress Echocardiography and LBBB. World Congress of Echocardiography. Marrakech, Morocco, September 2005
13. Emerging Trends in Mitral Regurgitation, invited moderator. American Heart Association, Scientific Sessions, Cardiovascular Seminars, Chicago, IL November 2006

14. Women in Cardiology: A Decade of Change. Chair, Brown Bag Session. American College of Cardiology Scientific Sessions, New Orleans, LA March 2007
15. Echocardiography Case Studies: Cardiac Masses, Moderator and presenter; Twenty-fourth Annual International Conference on Advances in Echocardiography. Chicago II March 2008
16. Pericardial Constriction or Myocardial Restriction? Echocardiography. American College of Cardiology Scientific Sessions, Chicago, II March 2008
17. Myocardial Infarction in Pregnancy. Cardiac Problems in Pregnancy. Valencia, Spain, February 2010
18. Novel Applications of 3D Echo in Valvular Disease. American College of Cardiology Scientific Sessions moderator, Atlanta, GA March 2010
19. Echocardiography Case Studies: Right Ventricular Tumor, Twenty-seventh Annual International Conference on Advances in Echocardiography. New Orleans, LA 2011
20. Prevention: Focus on Women. American College of Cardiology Scientific Sessions, International Lunch Symposium Co-Chair, New Orleans, LA March 2011
21. Conference on the Middle East: Special Populations. American College of Cardiology Spotlight Sessions, Co-Chair, New Orleans, LA March 2011
22. Heart Disease in Pregnancy. 32<sup>nd</sup> Pan-Hellenic Congress of Cardiology, Thessaloniki, Greece, October 2011
23. Echocardiography Case Studies: aortic dissection, Twenty-eight Annual International Conference on Advances in Echocardiography. Chicago, IL March 2012
24. Supraventricular Tachycardia in Pregnancy. Cardiac Problems in Pregnancy. Berlin, Germany, May 2012
25. Echocardiography Case Studies: congenital mitral stenosis, Twenty-ninth Annual International Conference on Advances in Echocardiography. San Francisco 2013
26. Heart Disease in Women: Meet the Experts. American College of Cardiology Scientific Sessions, San Francisco, CA. March 2013
27. Advanced Cardiovascular Disease: complications and challenges. American Heart Association Scientific Sessions, Dallas, TX. November 2013
28. Cardiac Prevention Strategies in China. American College of Cardiology Scientific Sessions, Washington, DC. March 2014

29. Future of Cardiology: Abstract discussant. American College of Cardiology Scientific Sessions, San Diego CA. March 2015
30. Echocardiography Case Studies. American College of Cardiology Scientific Sessions, San Diego CA. March 2015
31. Late-breaking Clinical Trials III, Chair. American College of Cardiology Scientific Sessions, San Diego CA. March 2015
32. Hot Topics, SERVE-HF, discussant. European Society of Cardiology Meeting, London, England. September 2015
33. Update in Mitral Regurgitation, Chair. European Society of Cardiology Meeting, London, England. September 2015
34. How Good is Stress Echocardiography? American Heart Association Scientific Sessions, Orlando, FL November 2015
35. Best of ACC. American Heart Association Scientific Sessions, Orlando, FL November 2015
36. Imagining in CAD: Echocardiography. American Heart Association Scientific Sessions, Orlando, FL November 2015
37. Late-breaking Clinical Trials III, Chair. American College of Cardiology Scientific Sessions, Chicago, IL April 2016
38. Crossing the Borders: Lessons from International Luminaries and Women Outside of the Clinic, Co-Chair. American College of Cardiology Scientific Sessions, Chicago, IL April 2016
39. Cardiac Emergencies in Pregnancy. American College of Cardiology Scientific Sessions, Chicago, IL April 2016
40. Mitral Valve Disease: Scope of the Problem. European Society of Cardiology, Rome, Italy. August 2016
41. Stress testing in Valvular Heart Disease. European Society of Cardiology, Rome, Italy. August 2016
42. Peripartum Cardiomyopathy: Recovery of Function. Argentina Congress of Cardiology, Buenos Aires, Argentina, October 2016
43. Pregnancy and Heart Disease: Approaches to Risk. Argentina Congress of Cardiology, Buenos Aires, Argentina, October 2016
44. Late Breaking Clinical Trials IV. Panelist. American College of Cardiology Scientific Sessions, Washington DC, March 2017

45. Tricuspid Valve: not forgotten, just misunderstood. American College of Cardiology Scientific Sessions, Washington DC, March 2017
46. Pregnancy and Heart Disease. Co-Chair. American College of Cardiology Scientific Sessions, Washington DC, March 2017
47. Update on Clinical Trials. Sino-American ACC Conference. Beijing, China, May 2017
48. Primary Mitral Regurgitation: natural history. Latin America-ACC Conference. Mexico City, June 2017
49. Mitral Stenosis: Assessment of valve area. Latin America-ACC Conference. Mexico City, June 2017
50. Peripartum cardiomyopathy. Japanese College of Cardiology Annual Meeting, Osaka, Japan, September 2017
51. Pregnancy and Heart Disease. Hellenic Congress of Cardiology. Athens, Greece October 2017
52. HELP! My Patient With Heart Disease Is Now Pregnant. American College of Cardiology Scientific Session, Orlando, FL, March 2018
53. Making the Most of your Leadership. ACC Leadership Academy Capstone, American College of Cardiology Scientific Session, Orlando, FL, March 2018
54. Successful Mentorship: Preparing Tomorrow's Leaders Today. American College of Cardiology Scientific Session, Orlando, FL, March 2018
55. Moms With Murmurs: Managing Pregnancy in Patients With Valvular Heart Disease. **Co-Chair.** American College of Cardiology Scientific Session, Orlando, FL, March 2018
56. Cardiovascular Emergencies in Pregnancy. American College of Cardiology Scientific Session, Orlando, FL, March 2018
57. Late-Breaking Clinical Trials. Panelist. American College of Cardiology Scientific Session, Orlando, FL, March 2018
58. What's New and It's Implication in ACC 2018? Best of the American College of Cardiology Scientific Session. Chendu, China, April 2018
59. Hypertension Guideline Update: What's the Implication to Us? Best of the American College of Cardiology Scientific Session. Ghangzhou, China, April 2018
60. Heart Disease in Women. SOCESP. Sao Paulo, Brazil, June 2018

61. International Collaboration in Research. SOCESP. Sao Paulo, Brazil, June 2018
62. Echocardiographic Evaluation of Bioprosthetic Valves. SOCESP. Sao Paulo, Brazil, June 2018
63. Primary Mitral Regurgitation: Indications and management. Wuhan Hospital Scientific Congress, Wuhan, China, June 2018
64. Prosthetic Valves: Echocardiographic Evaluation. Argentina Society of Cardiology, Buenos Aires, Argentina, October 2018
65. Cardiovascular Emergencies in Pregnancy. Argentina Society of Cardiology, Buenos Aires, Argentina, October 2018
66. Mitral Valve Disease: natural history and decision making. Argentina Society of Cardiology, Buenos Aires, Argentina, October 2018
67. Top Clinical Trials of 2018. Latin American Cardiology Congress. Lima, Peru, November 2018
68. Primary and Secondary Functional Tricuspid Regurgitation. Latin American Cardiology Congress. Lima, Peru, November 2018
69. Understanding the Heart: cases series. Latin American Cardiology Congress. Lima, Peru, November 2018
70. Correction of Paravalvular Leak – How to Choose and How to Guide. Saudi Heart Association, Riyadh, Saudi Arabia, March 2019
71. Definitions, Diagnosis, Imaging and Natural History. Saudi Heart Association, Riyadh, Saudi Arabia, March 2019
72. Mitral Regurgitation in HF – Cause or Result of Dysfunction? Tips to Diagnose and Manage. Saudi Heart Association, Riyadh, Saudi Arabia, March 2019
73. Bringing Up Baby: Vascular Disease During Pregnancy. Panelist. American College of Cardiology Scientific Sessions, New Orleans, LA, March 2019
74. Pregnancy & Cardiovascular Disease: At the Heart of Mother and the Baby. Co-Chair. American College of Cardiology Scientific Sessions, New Orleans, LA, March 2019
75. Assessing Risk for Heart Disease in Pregnancy. NHAM Congress, Malaysia, April 2019
76. Determinants and Management of Cardiovascular Risk in Women. NHAM Congress, Kuala Lumpur, Malaysia, April 2019
77. Modified World Health Organization Classification of Maternal Cardiovascular Risk: Case-Based Discussion. NHAM Congress, Kuala Lumpur, Malaysia, April 2019



78. Updates from ACC 2019. NHAM, Kuala Lumpur, Malaysia, April 2019
79. Women in Complex Cardiac Problems Can Have a Safe Pregnancy. 66<sup>th</sup> Annual Conference of the Israel Heart Society, Tel Aviv, April-May 2019
80. MV: Natural History. 66<sup>th</sup> Annual Conference of the Israel Heart Society, Tel Aviv, April-May 2019
81. ACC. A Global Perspective. 66<sup>th</sup> Annual Conference of the Israel Heart Society, Tel Aviv, April-May 2019

**National:**

1. Cardiovascular Properties in Normal Pregnancy. Scientific Conference on Hormonal, Metabolic and Cellular Influences on Cardiovascular Disease in Women. San Diego, California, October 1995
2. Case Studies in Stress Echocardiography. Update in Echocardiography, Harvard Medical School, Boston, Massachusetts, October 1998
3. Emergent Echocardiography. American Society of Echocardiography. Washington, DC. June 1999
4. Treatment for Stable Angina: Tailored Medical Therapy. ACCEL, March 2000
5. Chronic Angina: Current Therapy and Unmet Need. CV Therapeutics Advisory Meeting on Increasing Cardiac Oxygen Efficiency. New Orleans, LA, November, 2000
6. Research Recommendations. Women and Heart Disease: Putting prevention into Primary Care. Jacobs Institute of Women's Health. Washington DC, December 2002
7. Genesis of Stroke in Atrial Fibrillation. Breakfast Symposium. Society of Cardiovascular Angiography and Intervention. Boston MA, May 2003
8. Echocardiography in Interventional Procedures. American Society of Echocardiography. Las Vegas, NV June 2003
9. Echocardiography in Elderly Women. American Society of Echocardiography. Las Vegas, NV June 2003
10. Stress Testing in Women. Preventative Cardiovascular Nurse Practitioners Association. Plenary Session. New Orleans, LA March 2005
11. Hemodynamics and Echocardiography in Normal Pregnancy. Plenary Sessions. American Society of Echocardiography. Boston, MA June 2005
12. High Risk Cardiac Lesions in Pregnancy. Plenary Session. American Society of Echocardiography. Boston, MA June 2005

13. Acute Dyspnea: Is it Heart Failure. Meet the Experts Session. American Society of Echocardiography. Baltimore, MD June 2006
14. Women's Career and Leadership Development Conference. **Program Co-Director**. American College of Cardiology. Dallas, TX February 2007
15. Hemodynamic Adaptations to Pregnancy. American Society of Echocardiography. Seattle, WA June 2007
16. Women's Career and Leadership Development Conference. **Program Co-Director**. American College of Cardiology Foundation. Dallas, TX February 2008
17. 3D Echocardiography. Session moderator. American Society of Echocardiography. Toronto ON June 2008
18. Pregnancy and Heart Disease. Session moderator and speaker, American Society of Echocardiography. Toronto ON June 2008
19. Endocarditis and Right Heart Catheters. American Society of Echocardiography. Toronto ON June 2008
20. Evaluation of Aortic Insufficiency. Harvard Course on Perioperative Transesophageal Echocardiography. Boston, MA, October 2009
21. Women in Cardiology. How to Become a Cardiovascular Investigator. ACCF, Washington DC, December 2009
22. Aortic Insufficiency. Harvard Course on Perioperative Transesophageal Echocardiography. Boston, MA, October 2010
23. Women's Career and Leadership Development Conference. **Program Co-Director**. American College of Cardiology Foundation. Charlotte, NC. February 2011
24. Endocarditis: scope of the problem. American Society of Echocardiography. Montreal, QB June 2011
25. Pregnant Patient with TIA and CVA. American Society of Echocardiography. Chair and lecturer. Montreal, QB June 2011
26. Mitral Stenosis: what is the real valve area? American Society of Echocardiography. Montreal, QB June 2011
27. Problems post Mitral Valve Repair. American Society of Echocardiography. Chair and lecturer, Montreal, QB June 2011

28. Aortic Insufficiency: Structure and Function. Harvard Course on Perioperative Transesophageal Echocardiography. Boston, MA, September 2011
29. Pitfalls in the Assessment of Mitral Regurgitation. American Society of Echocardiography. National Harbor, MD July 2012
30. Aortic Insufficiency. Harvard Course on Perioperative Transesophageal Echocardiography. Boston, MA, September 2012
31. Women's Career and Leadership Development Conference. **Program Co-Director.** American College of Cardiology Foundation. Washington DC. February 2013
32. Valvular Stenosis in Pregnancy. American Society of Echocardiography. Minneapolis, MN July 2013
33. Echo and Stroke. American Society of Echocardiography. Minneapolis, MN July 2013
34. Imaging Update in Heart Failure. Heart Failure Society of America. Orlando, FL September 2013
35. Cardiovascular Disease in Pregnancy. Society of Obstetric Medicine. Providence, RI October 2013
36. Cardiovascular Disease in Women; what's new. New York Cardiology Society, October 2013
37. VSD: the evaluation of shunts. American Society of Echocardiography. Portland, OR, June 2014
38. Role of Transthoracic Echo in Atrial Fibrillation. American Society of Echocardiography. Portland, OR June 2014
39. Imaging and Diagnostic Evaluation of Mitral Regurgitation, discussant. TCT, Washington, DC. September 2014
40. Valvular Heart Disease: Year-in-Review, discussant. TCT, Washington, DC. September 2014
41. Imaging in Pregnancy. American Society of Echocardiography. Boston, MA June 2015
42. Exceptional Ambiguities. American Society of Echocardiography. Boston, MA June 2015
43. Strategic Leadership. American College of Cardiology Leadership Forum, Washington DC, February 2016
44. Cardiomyopathies and Pregnancy. American Society of Echocardiography. Seattle, WA June 2016
45. Assessing Prosthetic Valve Stenosis: Clinical Pearls. American Society of Echocardiography. Seattle, WA June 2016

46. Professionalism and Leadership. American College of Cardiology Leadership Forum, Orlando, FL, January 2017
47. Primary Mitral Regurgitation: Indications and management. Puerto Rico Chapter of ACC Annual Meeting, April 2017
48. Peripartum Cardiomyopathy. American Society of Echocardiography. Baltimore, MD June 2017
49. Prosthetic Valve Echocardiographic Assessment in Pregnancy. American Society of Echocardiography. Nashville, TN June 2018
50. Mitral Valve Regurgitation: Assessment, Natural History, and Management. 2019 ALACC Annual Meeting. Miramar Beach, FL May 2019
51. Echo and Sarcoidosis. 2019 ALACC Annual Meeting. Miramar Beach, FL May 2019

**Regional:**

1. The Role of Estrogen in Heart Disease. Women and Heart Disease Symposium. Chicago, Illinois, September 1995
2. Risk Factors for Coronary Artery Disease. Argonne National Laboratory Health Symposium. Chicago, Illinois, November 1995
3. New Directions in Echocardiography. Rhode Island Hospital Cardiology Grand Rounds, Providence, Rhode Island, February 1997
4. Heart Disease in Women. Women's Health: Critical Issues, New Frontiers. Pembroke Center, Brown University. Providence, Rhode Island, March 1999
5. Cardiac Tumors and Echocardiography. Rhode Island Hospital, Medical Grand Rounds, Providence, Rhode Island, May 1999
6. Diagnosis and Treatment of Heart Disease in Women. Thrombosis Update Conference. Providence, Rhode Island, October 1999
7. Medical Treatment of Stable Angina, Rhode Island Hospital, Medical Grand Rounds, Providence, Rhode Island, February 2000
8. Heart Disease in Women. ACP-ASIM Internal Medicine Update, Newport, Rhode Island, October 2001
9. Stress Echocardiography. Memorial Hospital Cardiology Grand Rounds, Providence, Rhode Island, May 2002
10. Echocardiography and Stroke, Rhode Island Hospital, Medical Grand Rounds, Providence, Rhode Island, July 2002

11. Chronic Stable Angina: Contemporary Management, **Course Co-Director**, Cardiology for the Primary Care Provider, Rhode Island Chapter of the ACC, Providence, Rhode Island, September 2002
12. Heart Disease in Women, **Course Co-Director**, Cardiology for the Primary Care Provider, Rhode Island Chapter of the ACC, Providence, Rhode Island, September 2003
13. Stress Echocardiography, American Society of Echocardiography Sonographer Review Course, Worcester, MA, October 2003
14. Heart Disease in Women, Matters of the Heart Program, Providence, Rhode Island, November 2003
15. Cardiology for the Primary Care Provider, **Course Director**, Rhode Island Chapter of the ACC, Providence, Rhode Island, September 2004
16. Echocardiography for Source of Emboli in Stroke, Rhode Island Hospital, Neurology Grand Rounds, Providence, Rhode Island, January 2005
17. The Facts about Heart Disease in Women, Matters of the Heart Program, Providence, Rhode Island, May 2005
18. Cardiology for the Primary Care Provider, **Course Director**, Rhode Island Chapter of the ACC, Providence, Rhode Island, September 2005
19. Echocardiography and Pregnancy. Hartford Hospital. Women and Heart Conference, Hartford Connecticut, February 2006
20. Structural and Hemodynamic Alterations of Pregnancy. Massachusetts General Hospital. Cardiology Grand Rounds. Boston Massachusetts, February 2006
21. Echocardiographic Findings in Patients with Pulmonary Hypertension. Update In Diagnosis and Treatment of Pulmonary Hypertension. Rhode Island Hospital. July 2006
22. Cardiology for the Primary Care Provider, **Course Director**, Rhode Island Chapter of the ACC, Providence, Rhode Island, September 2006
23. Echocardiography and Pregnancy. Rhode Island Hospital. Cardiology Grand Rounds. Providence, Rhode Island, October 2006
24. NHLBI Heart Truth Grand Rounds, Women and Infants Hospital, Providence RI 2006
25. Using Echocardiography to Appropriately Select Patients for Cardiac Resynchronization Therapy. Collaborative Patient Management: An Expanded Role for Allied Health Professional. Providence, RI, April 2007

26. Echocardiography and Appropriateness Criteria. Cardiology for the Primary Care Provider, Rhode Island Chapter of the ACC, Providence, Rhode Island, September 2007
27. Structural and Hemodynamic Alterations of Pregnancy. Women and Infants Hospital Perinatal Conference. Providence RI 2008
28. Women and Heart Disease. Cardiology for the Primary Care Provider, Rhode Island Chapter of the ACC, Providence, Rhode Island, September 2009
29. Cardiovascular Disease and Pregnancy. Stamford Hospital. Medical Grand Rounds. Stamford, Connecticut, November 2009
30. Cardiovascular Disease and Pregnancy. Ohio State University. Women and Heart Disease Conference. Columbus, Ohio, May 2010
31. Patent Foramen Ovale: Should we close them? Cardiology for the Primary Care Provider, Rhode Island Chapter of the ACC, Providence, Rhode Island, September 2010
32. Women and Heart Disease 6th Annual Cardiac Symposium, Rhode Island Hospital, Providence, Rhode Island, October 2010
33. Peripartum Cardiomyopathy. 3<sup>rd</sup> Annual New England Heart Failure and Transplant Network Conference, Waltham, MA October 2010
34. Stress Echocardiography: When is it the best test? Cardiology for the Primary Care Provider, Rhode Island Chapter of the ACC, Providence, Rhode Island, September 2011
35. Pathophysiology of Pregnancy. Women and Infants Hospital, Providence, Rhode Island, October 2011.
36. Clinical Decision Making: The Use of Echocardiography: Cardiology for the Primary Care Provider, Rhode Island Chapter of the ACC, Providence, Rhode Island, September 2012
37. Pathophysiology of Pregnancy. Brown Obstetric Medicine Conference, Providence, Rhode Island, December 2012
38. Leadership Skills. Brown University, Women in Medicine, Providence RI, June 2013
39. Maternal Cardiovascular Physiology. Maternal Fetal Medicine Conference, Women and Infants Hospital Providence, Rhode Island, January 2014
40. Cardiovascular Disease in Pregnancy. Cardiology Grand Rounds, Brown University. Providence, RI June 2014

41. Cardiovascular Disease in Women. 6<sup>th</sup> Annual Conference on Women’s Health, Rhode Island Women’s Health Council. Providence, RI October 2015
42. Stress Testing: indications and test selection. American College of Physicians, Rhode Island Chapter, Providence, Rhode Island, April 2017
43. Please Define Primary Versus Secondary MR. Brown Heart Valve Symposium, Brown University, Providence, Rhode Island. April 2019
44. Advanced Cardiology for the CV Team. Rhode Island Chapter of the ACC, Providence, Rhode Island, May 2019

## **GRANTS**

1. Merck Sharpe and Dohme Research Laboratories. “Losartan Phase III Exercise Study (MK-0954, Protocol 093-00): Pilot Exercise Study in Patients with Heart Failure” (Co- Investigator) List PI 1994-1995
2. Merck Sharpe and Dohme Research Laboratories. Extension Phase of a Multicenter, Double-Blind, Randomized, Parallel, Placebo Controlled Study to Investigate the Effects of Losartan on the Clinical Status of Patients with Symptomatic Heart Failure. (Co-Principal Investigator)
3. A Randomized, Double-Blind, Placebo Controlled, Multiple Dose Study of the Chronic Administration of Vesnarinone (OP-8212) in Heart Failure. Otsuka America Pharmaceuticals Inc. (Co-Principal Investigator) 1995-1996
4. Grant-in-Aid, Otsuka America Pharmaceutical Inc., “Effects of Vesnarinone on Left Ventricular Diastolic Function: A Noninvasive Evaluation” (Principal Investigator)
5. A Phase II, Randomized, Double-Blind, Placebo-Controlled, Dose Response Study Of a 24-hour Course of NATRECOR <sup>TM</sup> BNP as an Intravenous Bolus in Subjects with Congestive Heart Failure. Scios Nova Inc. (Co-Investigator)
6. Grant-in-Aid, Hewlett-Packard Clinical Investigation Agreement, “Transnasal Transesophageal Echocardiography”. (Co-Investigator)
7. Grant-in-Aid, Hewlett-Packard Clinical Investigation Agreement, “Exercise Transnasal Transesophageal Echocardiography”. (Co-Investigator) 1996
8. A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Study to Evaluate Safety and Efficacy of 24-hr Intravenous Infusion of NATRECOR <sup>TM</sup> hBNP in Congestive Heart Failure. Scios Nova Inc. (Co-Principal Investigator)

9. PRAISE-2, A Randomized, Double-Blind, Dose-Titration, Parallel Group, Placebo-Controlled Study of the Effect of Amlodipine on Survival in Patients with Congestive Heart Failure. Pfizer Inc. (Co-Investigator)
10. A Three-month, Open-label Study to Evaluate the Safety of the Maximum Tolerated Dose of Eposartan in Patients with Congestive Heart Failure. (SKF108566). SmithKline Beecham. (Co- Investigator) 1997-1998
11. IMPRESS, Inhibition of Metalloprotease by BMS-186716 in Randomized Exercise and Symptoms Study in Subjects with Heart Failure. Bristol-Myers Squibb. (Co-Investigator)
12. COPERNICUS, A Randomized, Double-blind, Placebo-controlled Study to Determine the Effect of Carvedilol on Mortality in Severe Chronic Heart Failure (MR4477/SB287). SmithKline Beecham. (Principal Investigator) 1997-1999
13. A Phase III, Multicenter Study of the Efficacy and Safety of NC100100 for Injection for the Assessment of Myocardial Perfusion in Subjects with Myocardial Infarction. (PB1005) Nycomed Amersham. (Principal Investigator). 1998
14. The NOGA Project: A Comparison of Methods to Assess Myocardial Viability. Biosense Inc./Cordis Corp. (Echocardiography Core Laboratory Director) 1998-2000
15. Comparison of OPTISON and Thallium 201 Imaging to Detect Blood Flow Differentials in the Presence of Fixed Stenosis. Mallinckrodt Inc. (Principal Investigator) 1998
16. A double-blind, placebo-controlled, multicenter study of Oral YM087 to assess functional capacity in class III heart failure, Parke-Davis (Co-Investigator) 1999-2000
17. A randomized, double-blind, placebo controlled multicenter, dose-ranging study to assess the efficacy, tolerability and safety of SB 217242 in patients with stable Class II-III congestive heart failure. Smithkline Beecham (Co-Investigator)
18. A Phase II double-blind, placebo-controlled, multiple dose evaluation of growth hormone for safety, tolerability and efficacy in heart failure. Pfizer (Co-Investigator)
19. Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Effects of Tolvaptan (OPC-41061) on the Chronic Outcomes of Patients with Congestive Heart Failure (VITAL). Astra-Merke. (Principal Investigator) 2000-2001
20. A Randomized, Double-blind, Multicenter Study Comparing Effects of Atorvastatin vs Pravastatin on the Progression and Quantification of Coronary Atherosclerotic Lesions as Measured by Ultrasound (REVERSAL), Parke-Davis/Pfizer (Co-Investigator)
21. A Double-blind, randomized, placebo-controlled, parallel study of Ranolazine SR in 2000-2001



Combination with other anti-anginal medications in patients with chronic, stable angina.(CARISA), CV Therapeutics, Inc. (Principal Investigator)

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| 22. NHLBI-BARI 2D, Bypass Angioplasty Revascularization Investigation 2 Diabetes Study, (Co-Investigator)  | 2001-2003 |
| 23. NIH RO1: (Dr. Ronald Cohen) Heart Disease, CNS Dysfunction and Outcome in the Elderly. (Co-Investigator) \$186,000   | 2001-2005 |
| 24. NIH RO1: (Dr. Lynne Johnson) Imaging and Laser Revascularization in Chronic Hibernation. (Co-Investigator)   |           |
| 25. PLAATO, Percutaneous Left appendage Transcatheter Occlusion Using the X-caliber System: a feasibility study, Appriva Medical, Inc. (Echocardiography Core Lab, Director) \$131,913   | 2001-2008 |
| 26. SCOR-NIH study. BART in Women with Congestive Heart Failure (Brown Site Principal investigator) \$99,650   | 2002-2004 |
| 27. NIA-F32: (Dr Angela Jefferson) Cardiovascular disease and Neurocognition in the Elderly(Co-Mentor)   | 2003-2005 |
| 28. Open-label, multicenter, phase III trial to determine the accuracy of DMP 115-enhanced rest and stress myocardial contrast echo to detect CAD. Bristol-Myers Squibb, (Principal investigator)                                    | 2004      |
| 29. Randomized Evaluation of Surgical Treatment for Off-pump Repair of the Mitral Valve, Myocor Inc. (Co-investigator)   | 2004-2006 |
| 30. NIA-F32: (Dr Karin Hoth) Cardiovascular disease and Neurocognition in the Elderly (Co-Mentor)  | 2005-2007 |
| 31. NIH RO1AG HL08417: (Dr. Lawrence Sweet) Hemodynamic and Cognitive Function in Cardiovascular Disease. (Co-Investigator)\$265,333   | 2007-2011 |
| 32. Prospective, multicenter, randomized controlled trial to evaluate the safety and efficacy of the STARFlex Septal Closure system in patients with stroke due to paradoxical embolism through a PFO. (CLOSSUE I), NMT Medical Inc. | 2005-     |
| 33. Co-investigator on over 20 industry-sponsored clinical trials in Heart Failure.  | 2000      |

### **UNIVERSITY TEACHING ROLES**

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| Cardiovascular Pathophysiology, Instructor     | 1994-1996 |
| Electrocardiography Interpretation, Instructor |           |

University of Chicago Pritzker School of Medicine

Physical Diagnosis, Clinical Preceptor Senior Elective in Cardiovascular Emergencies, Instructor Clinical Cardiology Senior Research and Reading Elective University of Chicago Pritzker School of Medicine	1995-1996
Physical Diagnosis, Clinical Preceptor Brown University School of Medicine	1999-2008
Medical Resident Research Elective, Mentor Brian Hanlon, John Doris, William Nicholson, Evelyn Cusack, Debora Ganem, Letitia Anderson, Tarun Mather, Rick Regante, Lori Vale, Sarah Tsiaris, Tom Earl Christine Combs, Brian Barr, Katherine Robertson, Joseph Yu, Patrick Gleason, Lindsey Cilia, Kristin Frenchu	2000-
Cardiology Fellow Research Elective, Mentor Anu Khurana, Paul Tolerico, Steven Lee, Alice Kim, Keith Landsman, George Scleparis, Young Soo Cho, Dave Major, Kin Fung, Sarah Tsiaris, Scott Cohen, Anthony Gemignani, Jiwon Kim, George Charlton, Sunit Chaudhry, Saddam Abisse, Kate French, Leslie Parik	2000-
Medical Student Independent Study, Research Mentor Arlene The, Ami Parikh, Jenna Kahn, Sarah Fleisig, Hye Gi Shim	2001-
F-32 research fellowship, Mentor Angela Jefferson and Karin Hoth, Neuropsychiatry	2002-2008
Office of Women in Medicine, Mentor Emily Clarke-Pearson	2004
Community Based Teaching Program, Clinical Preceptor Brown University School of Medicine Medical Residency Kristen Lehr, Artie Gupta, Jeremy Thaden, Christine Wang, Arup Gupta, Aalap Chokiski, Patrick Gleason, Lindsey Cilia, John Dudley, Jamar Slocum, Kristin Frenchu	2005-
Cardiovascular Pathophysiology Course, Lecturer Brown University School of Medicine	2005-2012

**HOSPITAL TEACHING ROLES**

Cardiac Intensive Care Unit, Consultative & General Cardiac Wards, Attending Noninvasive Imaging Laboratory, Attending University of Chicago Hospital	1994-1996
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Cardiac Noninvasive Laboratory Attending Massachusetts General Hospital, Harvard University	1997-2000
Cardiac Intensive Care Unit & Intermediate Care Unit, Attending Rhode Island Hospital, Brown University	1997-
Echocardiography Laboratory Attending and Curriculum Director Rhode Island and Miriam Hospitals, Brown University	
Echocardiography, Cardiac Anesthesia and Cardiac Surgery Quarterly Conference Co-Director, Rhode Island Hospital, Brown University	2003-