

CURRICULUM VITAE

Peter Lloyd Tilkemeier, M.D., M.M.M., FACC, FAHA, MASNC, FACP

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EDUCATION

1977-1981 B.M.S. Northwestern University, Evanston, IL
1979-1983 M.D. Northwestern University, Chicago, IL
1998- 2001 M.M.M., Carnegie-Mellon University, Pittsburgh, PA

POSTGRADUATE TRAINING

1983 - 1984 Intern in Medicine, Saint Francis Hospital,
Hartford, Connecticut
1984 - 1986 Resident in Medicine, Saint Francis Hospital,
Hartford, Connecticut
1986 Chief Resident, Internal Medicine, Saint Francis Hospital,
Hartford, Connecticut
1986 - 1988 Brown University Integrated Hospitals Cardiology Program,
Providence, Rhode Island
1988 - 1989 Harvard University, Research Fellow in Medicine (Nuclear
Cardiology), Boston, Massachusetts

POSTGRADUATE HONORS AND AWARDS

1988 Syntex Scholarship
1995 Finalist, American College of Physician Executives National Award
Program
1996 Leadership Commitment Award, American Heart Association, RI
Affiliate
1998 Physician of the Year Award, American Heart Association, RI
Affiliate
1998 Master of Arts ad eundem, Brown University
1998 Advanced Standing, American College of Physician Executives

POSTGRADUATE HONORS AND AWARDS (Continued)

1999	Teacher of the Year Award, Brown University Combined Program in Cardiovascular Disease
2004	Fellow, American Heart Association
2005	Dean's Teaching Excellence Award, Internal Medicine Clerkship
2006	Fellow, American Society of Nuclear Cardiology
2008 - 2017	Consumer Research Council, Guide to America's Top Cardiologists
2013	Vitals™ Top 10 Doctor Award
2016	Fellow, The Riley Institute, Diversity Leadership Initiative
2018	Fellow, American College of Physicians
2018	Master, American Society of Nuclear Cardiology
2019	James F. Sullivan Visiting Professor, Creighton University Department of Medicine
2019	Alpha Omega Alpha (AOA), Member, University of South Carolina School of Medicine Greenville

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

1983	National Board of Medical Examiners, Diplomat Part I – 6/81 Part II – 6/83 Part III - 1983
1985 - 1987	Connecticut License #26561
1986 - 1988	Rhode Island Limited License
1986 -	American Board of Internal Medicine, Diplomat
1988 -	Massachusetts Limited License #95311
1989 -	Rhode Island License #7519
1991 - 2001	American Board of Internal Medicine, Cardiovascular Diseases, Diplomat
1996 -	Certification Council of Nuclear Cardiology, Diplomat
2001 - 2011	American Board of Internal Medicine, Cardiovascular Disease, Diplomat (recertified)
2011 - 2021	American Board of Internal Medicine, Cardiovascular Disease, Diplomat (recertified)
2013 -	Maine License #19586

PROFESSIONAL LICENSES AND BOARD CERTIFICATION (Continued)

2014 - South Carolina License #36613

ACADEMIC APPOINTMENTS

1987 - Assistant Clinical Instructor, Brown University
1988 - Research Fellow in Medicine, Harvard University
1989 - 1997 Assistant Professor, Brown University
1997 - 2013 Associate Professor, Brown University
2011 - 2013 Interim Director of the Division of Cardiology, Warren Alpert
Medical School of Brown University
2013 - 2014 Professor of Medicine, Brown University
2014 - Adjunct Professor of Medicine, Brown University
2014 - Professor of Medicine, University of South Carolina
2014 - Clinical Professor, Clemson University School of Health Research

HOSPITAL APPOINTMENTS

1986 - 1988 Provisional Staff, Manchester, Memorial Hospital,
Manchester, Connecticut
1988 - 1989 Clinical Research Fellow, The Massachusetts General Hospital,
Boston, Massachusetts
1988 - 1989 Provisional Staff, Spaulding Rehabilitation Hospital,
Boston, Massachusetts
1989 - 2014 Active Staff, Director, Nuclear Cardiology, The Miriam Hospital,
Providence, Rhode Island
1990 - 2014 Director, Exercise ECG Laboratory, The Miriam Hospital,
Providence, Rhode Island
1991 - 1992 Acting Director, Cardiac Rehabilitation, The Miriam Hospital,
Providence, Rhode Island
1992 - 1996 Director, Cardiac Rehabilitation, The Miriam Hospital,
Providence, Rhode Island
1994 - 2004 Director, Combined Fellowship Program in Cardiovascular
Diseases, Brown University Providence, Rhode Island
1996 - 1997 Director, Cardiac Rehabilitation, Lifespan Health Care System,
Providence, Rhode Island

HOSPITAL APPOINTMENTS (Continued)

- 1999 - 2014 Director, Cardiac Rehabilitation, Lifespan Health Care System, Providence, Rhode Island
- 2004 - 2014 Associate Director, Brown University Cardiovascular Disease Fellowship Program
- 2011 - 2013 Interim Director of the Division of Cardiology, Rhode Island and The Miriam Hospitals
- 2013 - 2014 Vice Director, Cardiovascular Institute, Rhode Island, The Miriam and Newport Hospitals
- 2014 – 2017 Chairman, Department of Medicine, Greenville Health System
- 2017 - Chairman, Department of Medicine, Prisma Health - Upstate

OTHER APPOINTMENTS

- 1989 - Editorial Functions - Review Scientific Articles for the following Journals:
 - American Journal of Cardiology
 - American Journal of Noninvasive Cardiology
 - Journal of the American College of Cardiology
 - Chest
 - Journal of Nuclear Cardiology
- 1994 Scientific Committee, Second International Congress of Nuclear Cardiology
- 1995 - 2001 Electronic Communications Task Force, American Society of Nuclear Cardiology
- 1996 - Contributor American Board of Internal Medicine Re-certification Examination
- 1997 - 2016 DICOM Working Group I Committee member reporting to American Society of Nuclear Cardiology
- 1997 Co-Moderator, Scientific Session American College of Chest Physicians, Annual Meeting
- 1998 Co-Moderator, Scientific Session Society of Nuclear Medicine, Annual Meeting
- 1998 - 2006 Imaging Consultant, Philips- ADAC Labs
- 1999 - 2013 American College of Chest Physicians Annual Meeting abstract reviewer
- 2000 - 2005 Coordinator, Read with the Experts, New England Nuclear Cardiology Working Group

OTHER APPOINTMENTS (Continued)

- 2001 Society of Nuclear Medicine Annual Meeting abstract reviewer
- 2001 - 2013 National Pharmacy and Therapeutics Committee, CIGNA Healthcare
- 2001 - 2014 Site and program reviewer, Intersocietal Commission for the Accreditation of Nuclear Medicine Laboratories
- 2002 - 2016 American Society of Nuclear Cardiology representative to American College of Cardiology IHE Planning Committee
- 2003 - 2009 Board Member, Intersocietal Commission for the Accreditation of Nuclear Medicine Laboratories
- 2003 - 2005 Co-chair, American Society of Nuclear Cardiology and Society of Nuclear Medicine, DICOM Committee
- 2003 - Member – Quality Assurance Committee, American Society of Nuclear Cardiology
- 2005 - 2013 Chair, American Society of Nuclear Cardiology DICOM/IHE subcommittee
- 2007 - 2008 Member, Quality in Imaging Summit, American College of Cardiology Foundation
- 2007 - 2008 Member, Writing Committee to develop clinical standards for cardiac imaging, American College of Cardiology Foundation
- 2008 - 2009 Member, Program Committee, American Society of Nuclear Cardiology Annual Meeting, 2009
- 2009 - 2014 Member, Writing Committee to develop clinical standards for electrophysiology, American College of Cardiology Foundation
- 2009 - 2010 Member, Program Committee, American Society of Nuclear Cardiology Annual Meeting, 2010
- 2009 - 2013 Member, American College of Cardiology Foundation CMS Appropriate Use Criteria (AUC) Demonstration Workgroup
- 2010 Abstract reviewer, American Society of Nuclear Cardiology, ASNC2010, the 15th Annual Scientific Session
- 2010 - Steering Committee for Quality Assurance, American Society of Nuclear Cardiology
- 2010 - 2011 Chairman, Task Force for Laboratory Accreditation, American Society of Nuclear Cardiology
- 2011 - 2013 Chairperson, Quality Assurance Committee, American Society of Nuclear Cardiology

OTHER APPOINTMENTS (Continued)

- 2011 Member, Rating Panel for the Appropriate Utilization of Cardiovascular Imaging in Heart Failure, American College of Radiology and American College of Cardiology Foundation
- 2011 - 2013 Chairperson, American Society of Nuclear Cardiology Strategic Planning Workgroup
- 2011 - 2019 Board Member, American Society of Nuclear Cardiology
- 2011 Moderator, American Society of Nuclear Cardiology, ASNC2011, the 16th Annual Scientific Session, “Moving Beyond Simple Subjective Interpretation in Nuclear Cardiology”
- 2011 Co-chairperson, Quality Assurance Curriculum Steering Committee, American Society of Nuclear Cardiology
- 2012 Delegate, National Quality Forum, American Society of Nuclear Cardiology
- 2012 Co-Chair, Stress Testing, Perfusion and Metabolism Workgroup, Standardized Data Collection for Cardiovascular Imaging Initiative, U.S. Food and Drug Administration
- 2012 Member, American Society of Nuclear Cardiology Relationships with Industry Policy Taskforce, American Society of Nuclear Cardiology
- 2012 - 2016 Chair, Data Safety and Monitoring Board, Efficacy of Yoga as a Complementary Therapy for Smoking Cessation, NIH R01 AT006948
- 2013 - 2015 Member, Education Committee, American Society of Nuclear Cardiology
- 2013 - Chair, Registry Steering Committee, American Society of Nuclear Cardiology
- 2014 - Member, Editorial Board, Journal of Nuclear Cardiology
- 2016 Chair, Writing Committee, 2017 Guideline Update on Reporting Standards in Nuclear Cardiology
- 2017 - Chair, Joint Registry Steering Committee, American Society of Nuclear Cardiology/American Society of Echocardiography
- 2019 - Alternate Board Member, America’s Physician Group
- 2020 - Member, NEJM Catalyst Insights Council

HOSPITAL AND COMMUNITY COMMITTEES

- 1989 - 1996 House Staff Search Committee, Miriam Hospital

HOSPITAL AND COMMUNITY COMMITTEES (Continued)

- 1991 - 2014 Brown University Integrated Fellowship Search Committee
- 1991 - 1999 Blood Component Utilization Committee, Miriam Hospital
- 1991 - 1998 American Heart Association (RI Affiliate) Research Committee
- 1993 - 2006 Department of Medicine, Research Review Committee, Miriam Hospital
- 1993 - 1999 Board of Directors, University Physicians Foundation
- 1994 - 1998 Inpatient Mortality QA Committee (Chairman)
- 1994 - 1997 Graduate Medical Education Committee, Roger Williams Medical Center
- 1995 - 2001 Educational Affairs Council, Lifespan Health Care System
- 1996 - 1998 Chairperson - American Heart Association Research Committee, Rhode Island Affiliate
- 1996 - 1998 Board of Directors, American Heart Association, Rhode Island Division
- 1997 - 1999 President-elect, American Heart Association, Rhode Island Division
- 1997 - 2014 House Staff Search Committee, Brown University (Lifespan)
- 1997 - 2003 Board of Directors, American Heart Association, New England Affiliate
- 1998 - 2000 Administration Subcommittee, Department of Medicine Unification Committee, Lifespan Academic Medical Center
- 1998 - 2000 Cardiology Foundation Subcommittee, Department of Medicine Unification Committee, Lifespan Academic Medical Center
- 1998 - 2001 Research Committee, American Heart Association, New England Affiliate
- 1999 - 2001 President, American Heart Association, RI Division
- 2000 - 2013 Academic Affairs Committee, University Cardiology Foundation
- 2000 - 2013 Board of Directors, University Cardiology Foundation
- 2000 - 2005 Graduate Medical Education Committee, Rhode Island Hospital
- 2000 - 2013 Lifespan Healthcare System, Pharmacy and Therapeutics Committee
- 2001 - 2002 Department of Medicine Quality Assurance committee, Lifespan Academic Medical Center
- 2002 - 2014 Chairperson, Medication Safety Team, Miriam Hospital
- 2004 - 2014 IHE Cardiology Planning Committee, American College of Cardiology

HOSPITAL AND COMMUNITY COMMITTEES (Continued)

- 2005 - 2008 Co- Chairman Continuing Medical Education Committee, Lifespan Academic Medical Center
- 2006 - 2013 Co-Chair Pharmacy & Therapeutics Committee, Lifespan Academic Medical Center
- 2007 - 2011 Healthcare Solutions Partnership Committee, Blue Cross & Blue Shield of Rhode Island and Rhode Island Medical Society
- 2009 - 2013 Co-Chair, National Patient Safety Goal 3E, The Miriam Hospital
- 2011 - 2014 Healthcare Community Exchange Council, Blue Cross & Blue Shield of Rhode Island
- 2014 - 2017 Member, Capital Planning Committee, Greenville Health System
- 2014 - Member, Throughput Steering Committee, Greenville Memorial Hospital
- 2014 - Member, Medical Executive Committee, Greenville Health System
- 2014 - Chair, MyHealth First Network, Quality and Care Model Committee
- 2014 - Member, My Health First Network, Board of Managers, *ex officio*
- 2014 - 2016 Member, University Medical Group, Board of Trustees
- 2015 - Member, Advisory Board, Exercise is Medicine Greenville
- 2016 - Medical Care Committee, Greenville Health System
- 2016 - Member, Board of Chairs, Greenville Health System
- 2016 - Medical Group Liaison to MyHealth First Network
- 2016 Chair, Search committee, Vice-president for Quality Safety and Reliability, Greenville Health System
- 2016 - 2017 Chair, Clinical Operations Group, Central Region, Greenville Health System
- 2016 - Member, BlueChoice Clinical Subcommittee, Greenville Health System
- 2016 Physician co-chair, Care Redesign Council, Strategic Coordinating Organization
- 2017 Chair, Executive Leadership Team, American Heart Association, Upstate Affiliate
- 2017 Chair, 2017 Heart Ball, American Heart Association, Upstate Affiliate
- 2017 - 2019 Board of Chairs Representative to Board of Governors, Greenville Health System
- 2017 - Executive Sponsor, AAMC Project CORE, Greenville Health System

HOSPITAL AND COMMUNITY COMMITTEES (Continued)

- 2018 - Co-chair, Executive Steering Team for Diabetes Care Improvement, Greenville Health System and Health Sciences Center
- 2018 - 2019 Chair, Point of Care Ultrasound Redesign Committee, Greenville Health System
- 2018 - 2019 Co-chair, Mechanical Circulatory Support Workgroup, South Carolina Health Company
- 2018 - Member, Network Strategy Council, South Carolina Health Company
- 2018 - Member, Clinical Leadership Council, South Carolina Health Company
- 2018 - Member, Clinical Integration Strategy Council, South Carolina Health Company
- 2019 - Co-chair, Cardiovascular Care Council, Prisma Health
- 2019 - Co-chair, Acute Care Council, Prisma Health

UNIVERSITY COMMITTEES

- 1996 - 1998 Assessment Committee on Organ and Organ System Knowledge Base, Curriculum MD 2000
- 1997 - 1999 Basic Biology of Cells Assessment Committee, Curriculum, MD 2000
- 2011 - 2013 Medical School Admissions Committee
- 2011 - 2013 Search Committee for Surgeon, Division of Cardiothoracic Surgery
- 2015 Chair, Search Committee, Chair of Biomedical Sciences, University of South Carolina School of Medicine Greenville
- 2019 Member, Search Committee, Dean of University of South Carolina School of Medicine Greenville

MEMBERSHIP IN SOCIETIES

- 1985 – 1997 American College of Physicians - Member
- 1987 American College of Cardiology - Associate
- 1989 - 2009 Society of Nuclear Medicine - Member
- 1992 - American College of Cardiology - Fellow
- 1992 - 2002 American Federation for Clinical Research
- 1993 - American Association of Nuclear Cardiology

MEMBERSHIP IN SOCIETIES (Continued)

- 1993 - American Society of Nuclear Cardiology
- 1994 - American Heart Association (Clinical Council)- Fellow
- 1994 - 2007 American Association of Cardiovascular and Pulmonary Rehabilitation
- 1995 American College of Sports Medicine, New England Chapter
- 1997 - 2008 American College of Physician Executives
- 2014 - American College of Physicians – Member
- 2017 - American College of Physicians - Fellow

PUBLICATIONS (PEER REVIEWED)

1. Tilkemeier PL, Thompson PD. Acute pancreatitis possibly related to enalapril. *New England Journal of Medicine*. 318(19):1275-6, 1988 May 12.
2. Heller GV, Tilkemeier PL. Intracoronary thallium-201 imaging: role in assessing viable myocardium and applications in thrombolytic therapy. *American Journal of Cardiac Imaging*. 2(4):304, 1988.
3. Tilkemeier PL, Khan AH. Temporary pacing catheter placement in patients requiring continuous external pacing. *Clinical Cardiology*. 12(3):155-6, 1989 Mar.
4. Tilkemeier PL, Burt D, Lovering E, Heller GV. Severe brady arrhythmia following dipridamole ingestion. *American Journal of Non-Invasive Cardiology*. 3:181, 1989.
5. Tilkemeier PL, Guiney TE, LaRaia PJ, Boucher CA. Prognostic value of pre-discharge low-level exercise thallium testing after acute thrombolytic treatment of myocardial infarction. *American Journal of Cardiology*. 66(17):1203-7, 1990 Nov 5.
6. Heller GV, Ahmed I, Tilkemeier PL, Garber CG, et al. Comparison of chest pain, electrocardiographic changes, and thallium-201 scintigraphy during varying exercise intensities in men with stable angina pectoris. *American Journal of Cardiology*. 68(6):569-74, 1991 Sep 1.
7. Tilkemeier PL, Travin MI, Heller GV. Nuclear cardiology: new perspectives for the 1990's. *Rhode Island Medical Journal*. 74 (11):519-26, 1991 Nov.

PUBLICATIONS (PEER REVIEWED) (Continued)

8. Sadaniantz A, Tilkemeier PL, Emaus SP, Garber CE, Heller GV. Right ventricular function following acute inferior myocardial infarction: lack of significance of precordial S-T segment depression. *American Journal of Cardiac Imaging*. 5(3):175, 1991.
9. Tilkemeier PL, Sadaniantz A, Warren LS, Emaus SP, Heller GV. Provocable ischemia following inferior myocardial infarction. *Coronary Artery Disease*. 2:843, 1991.
10. Heller GV, Ahmed I, Tilkemeier PL, Barbour M, Garber CE. Influence of exercise intensity on the presence, distribution, and size of thallium-201 defects, *American Heart Journal*. 123(4 Pt 1):909-16, 1992 Apr.
11. Ben-Zur UM, Gross JN, Goldberger MH, Tilkemeier PL, Weyman AK, Furman S. Oversensing of pacemakers in the bipolar pacing configuration: paradoxical resolution with programming to unipolar sensing. *American Heart Journal*. 128(3):617-9, 1994 Sep.
12. Tilkemeier PL, Katz AS, Parisi AF. The role of noninvasive testing in evaluating patients for coronary artery disease. *Current Opinion in Cardiology*. 11(4):409-17, 1996 Jul.
13. Tilkemeier PL, Sturges RL. Inpatient mortality: An opportunity to improve outcomes through total quality management, innovations '96: models for medical management. *American College of Physician Executives, Tampa, FL*. pp. 37-9, 1996.
14. Bock BC, Albrecht AE, Traficante RM, Clark MM, Pinto BM, Tilkemeier PL, Marcus BH. Predictors of exercise adherence following participation in a cardiac rehabilitation program. *International Journal of Behavioral Medicine*. 4(1):60-75, 1996.
15. Conte FJ, Tilkemeier PL. Successful treatment of vasospastic angina and symptomatic polymorphic ventricular tachycardia with calcium antagonists and nitrates based on a diagnosis made with exercise 201Tl imaging. *Journal of Nuclear Cardiology*. 3(6 Pt 1):550-1, 1996 Nov-Dec.
16. Sacks FM, Pfeffer MA, Moye LA, Rouleau JL, Rutherford JD, Cole TG, Brown L, Warnica JW, Arnold JMO, Wun C-C, Davis BR, Braunwald E, for the CARE Investigators. The effect of pravastatin on coronary events after myocardial infarction in patients with average cholesterol levels. *New England Journal of Medicine*. 335(14):1001-9, 1996. Co-principal Investigator.

PUBLICATIONS (PEER REVIEWED) (Continued)

17. Engebretson TO, Clark MM, Niaura RS, Phillips TE, Albrecht AE, Tilkemeier PL. Quality of life and negative affect in a phase II cardiac rehabilitation program. *Medicine and Science in Sports & Exercise*. 1996.
18. Ramratnam B, Kelly G, Mega A, Tilkemeier PL, Schiffman FJ. Determinants of case selection at morning report. *Journal of General Internal Medicine*. 12(5):263-6, 1997 May.
19. Tilkemeier PL, VanTrain KF, Bacharach SL. The DICOM standard in nuclear cardiology in digital cardiac imaging in the 21st century, eds. Kennedy, Nissen, Simon, Thomas, Tilkemeier, American College of Cardiology. 1997.
20. Saketkhou BB, Conte FJ, Noris M, Tilkemeier PL, Miller G, Forman DE, Cannistra L, Leavitt J, Sharma SC, Garber C, Parisi AF. Emergency department use of aspirin in patients with possible acute myocardial infarction. *Annals of Internal Medicine*. 127(2):126-9, 1997 Jul 15.
21. Katz A, Tilkemeier PL. Multimedia image display - a view to the future. *Current Opinion in Cardiology*. 12(6):566-70, 1997 Nov.
22. Engebretson TO, Clark MM, Niaura RS, Phillips T, Albrecht AE, Tilkemeier PL. Quality of life and anxiety in a phase II cardiac rehabilitation program. *Medicine and Science in Sports & Exercise*, 31(2):216-23, 1999 Feb.
23. Moser DJ, Cohen RA, Clark MM, Aloia MS, Tate BA, Stefanik S, Forman DE, Tilkemeier PL. Neuropsychological functioning among cardiac rehabilitation patients. *Journal of Cardiopulmonary Rehabilitation*. 19(2):91-7, 1999 Mar-Apr.
24. Cohen RA, Moser DJ, Clark MM, Aloia MS, Cargill BR, Stefanik S, Albrecht AE, Tilkemeier PL, Forman DE. Neurocognitive functioning and improvement in quality of life following participation in cardiac rehabilitation. *American Journal of Cardiology*. 83(9):1374-8, 1999 May 1.
25. Wu WC, Tilkemeier PL. Significance of right ventricular visualization on stress sestamibi in a patient with dyspnea after atrial septal defect repair. *Journal of Nuclear Cardiology*. 9(2):236-7, 2002 Mar-Apr.
26. Bock BC, Carmona-Barros RE, Esler JL, Tilkemeier PL. Program participation and physical activity maintenance after cardiac rehabilitation. *Behavior Modification*. 27(1):37-53, 2003 Jan.
27. Nicholson WJ, Tuohy KA, Tilkemeier PL. Twiddler's Syndrome. *New England Journal of Medicine*. 348(17):1726-7, 2003 Apr 24.

PUBLICATIONS (PEER REVIEWED) (Continued)

28. Todaro JF, Shen BJ, Niaura R, Tilkemeier PL, Roberts B. Do men and women achieve similar benefits from cardiac rehabilitation? *Journal of Cardiopulmonary Rehabilitation*. 24(1): 45-51, 2004 Jan-Feb.
29. Afshar M., Tilkemeier PL The utility of gated SPECT imaging in quantitative analysis of regional ejection fraction. *Chest*. 127(3):701-2, 2005 Mar.
30. Todaro JF, Shen BJ, Niaura R, Tilkemeier PL Prevalence of depressive disorders in men and women enrolled in cardiac rehabilitation. *Journal of Cardiopulmonary Rehabilitation & Prevention*. 25(2):71-5; quiz 76-7, 2005 Mar-Apr.
31. Todaro JF, Shen BJ, Raffa SD, Tilkemeier PL, Niaura R. Prevalence of anxiety disorders in men and women with established coronary heart disease. *Journal of Cardiopulmonary Rehabilitation & Prevention*. 27(2):86-91, 2007 Mar-Apr.
32. Ward RP, Al-Mallah MH, Grossman GB, Hansen CL, Hendel RC, Kerwin TC, McCallister BD Jr., Mehta R, Polk DM, Tilkemeier PL, Vashist A, Williams KA, Wolinsky DG, Ficaro EP, American Society of Nuclear Cardiology. American Society of Nuclear Cardiology review of the ACCF/ASNC appropriateness criteria for single-photon emission computed tomography myocardial perfusion imaging (SPECT MPI). *Journal of Nuclear Cardiology*. 14(6):e26-38, 2007 Nov-Dec.
33. Hendel RC, Budoff MJ, Cardella JF, Chambers CE, Dent JM, Fitzgerald DM, Hodgson JM, Klodas E, Kramer CM, Stillman AE, Tilkemeier PL, Ward RP, Weingold WG, White RD, Woodward PK.
ACC/AHA/ACR/ASE/ASNC/HRS/NASCI/RSNA/SAIP/
SCAI/SCCT/SCMR/SIR 2008 Key data elements and definitions for cardiac imaging: a report of the American College of Cardiology/American Heart Association task force on clinical data standards (writing committee to develop clinical data standards for cardiac imaging). *Circulation*. 119(1):154-86, 2009 Jan 6.
34. Douglas PS, Hendel RC, Cummings JE, Dent JM, Hodgson JM, Hoffmann U, Horn RJ 3rd, Hundley WG, Kahn CE Jr, Martin GR, Masoudi FA, Peterson ED, Rosenthal GL, Solomon H, Stillman AE, Teague SD, Thomas JD, Tilkemeier PL, Weingold WG; American College of Cardiology Foundation (ACCF).
ACCF/ACR/AHA/ASE/ASNC/ HRS/NASCI/RSNA/SAIP/SCAI/SCCT/SCMR/SNM
2008 Health policy statement on structured reporting in cardiovascular imaging. *Journal of the American College of Cardiology*. 53(1):76-90, 2009 Jan 6.

PUBLICATIONS (PEER REVIEWED) (Continued)

35. Douglas PS, Hendel RC, Cummings JE, Dent JM, Hodgson JM, Hoffmann U, Horn RJ 3rd, Hundley WG, Kahn CE Jr, Martin GR, Masoudi FA, Peterson ED, Rosenthal GL, Solomon H, Stillman AE, Teague SD, Thomas JD, Tilkemeier PL, Weingold WG; American College of Cardiology Foundation (ACCF). ACCF/ACR/AHA/ASE/ASNC/ HRS/NASCI/RSNA/SAIP/SCAI/SCCT/SCMR/SNM 2008 Health policy statement on structured reporting in cardiovascular imaging. *Circulation*. 119(1):187-200, 2009 Jan 6.
36. Hendel RC, Budoff MJ, Cardella JF, Chambers CE, Dent JM, Fitzgerald DM, Hodgson JM, Klodas E, Kramer CM, Stillman AE, Tilkemeier PL, Ward RP, Weingold WG, White RD, Woodward PK; American College of Cardiology (ACC); American Heart Association (AHA). ACC/AHA/ACR/ASE/ASNC/HRS/NASCI/RSNA/SAIP/SCAI/SCCT/SCMR/SIR 2008 Key data elements and definitions for cardiac imaging: a report of the American College of Cardiology/American Heart Association task force on clinical data standards (writing committee to develop clinical data standards for cardiac imaging). *Journal of the American College of Cardiology*. 53(1):91-124, 2009 Jan 6.
37. Tilkemeier PL. Myocardial perfusion planar imaging. (An updated chapter of ASNC's Imaging Guidelines for Nuclear Cardiology Procedures.) *Journal of Nuclear Cardiology*. Published online: (doi:10.1007/s12350-0009-9057-1), 2009 Feb. 11.
38. Kirchner MR, Tilkemeier PL. Focal breast uptake of 99m-Tc sestamibi in a hematoma. *Journal of Nuclear Cardiology* 2009;16:832-4.
39. Serber ER, Todaro JF, Tilkemeier PL, Niaura R. Prevalence and characteristics of multiple psychiatric disorders in cardiac rehabilitation patients. *Journal of Cardiopulmonary Rehabilitation & Prevention*. 29(3):161-8; quiz 160-70, 2009 May-Jun.
40. Miner M, Tilkemeier PL, Nehra A. Relationship of sexual activity and the heart in the aging male: Use of the princeton consensus guidelines for practical therapy. *Clinical Geriatrics*. 17(7):34-40, 2009.
41. Tilkemeier PL, Cooke CD, Grossman GB, McCallister BD Jr, Ward RP. ASNC Imaging Guidelines for Nuclear Cardiology Procedures: Standardized reporting of radionuclide myocardial perfusion and function. *American Society of Nuclear Cardiology*. Published online: (doi:10.1007/s12350-009-9095-8), 2009.
42. Gupta A, Tsiaras SV, Dunsiger SI, Tilkemeier PL. Gender disparity and the appropriateness of myocardial perfusion imaging. *Journal of Nuclear Cardiology*. 18(4):588-594, 2011.

PUBLICATIONS (PEER REVIEWED) (Continued)

43. Tilkemeier PL, Serber ER, Farrell, MB. The nuclear cardiology report: problems, predictors, and improvement. A report from the ICANL database. *Journal of Nuclear Cardiology*. 18(5):858-868, 2011.
44. Tilkemeier PL, Serber ER, Farrell, MB. CME quiz and instructions: the nuclear cardiology report: Problems, predictors, and improvement. A report from the ICANL database. *Journal of Nuclear Cardiology*. 18(5):869-873, 2011.
45. Pinto BM, Goldstein MG, Papandonatos, GD, Farrell N, Tilkemeier PL, Marcus BH, Todaro JF. Maintenance of exercise after phase II cardiac rehabilitation. *American Journal of Preventive Medicine*. 41(3):274-283, 2011.
46. Miner M, Seftel AD, Nehra A, Ganz P, Kloner RA, Montorsi P, Vlachopoulos C, Ramsey M, Sigman M, Tilkemeier P, Jackson G. Prognostic utility of erectile dysfunction for cardiovascular disease in younger men and those with diabetes. *American Heart Journal*. 164:21-28, 2012.
47. Pekmezi D, Dunsiger S, Gans K, Bock B, Gaskins R, Marquez B, Lee C, Neighbors C, Jennings E, Tilkemeier P, Marcus B. Rationale, design and baseline findings from Seamos Saludables: A randomized controlled trial testing the efficacy of a culturally and linguistically adapted, computer tailored physical activity intervention for Latinas. *Contemporary Clinical Trials* (2012), doi: 10.1016/j.cct.2012.07.2005.
48. Tilkemeier P, Green J, Einstein AJ, Fazel R, Reames P, Shaw LJ. The evolving practice of nuclear cardiology: Results from the 2011 American Society of Nuclear Cardiology member survey. *Journal of Nuclear Cardiology*. 19(6):1170-1175, 2012.
49. Einstein AJ, Tilkemeier P, Fazel, R, Rakotoarivelo H, Shaw LJ. Radiation safety in nuclear cardiology - current knowledge and practice: Results from the 2011 American Society of Nuclear Cardiology member survey. *Journal of American Medical Association* (2013), doi:10.1001/jamainternmed.2013.650.
50. Marcus BH, Dunsiger SI, Pekmezi DW, Larsen BA, Bock BC, Gans KM, Marquez B, Morrow KM, Tilkemeier P. The Seamos Saludables Study: A randomized controlled physical activity trial of Latinas. *American Journal of Preventative Medicine*. (2013) doi10.1016/j.ampre.2013.07.006.

PUBLICATIONS (PEER REVIEWED) (Continued)

51. Einstein AJ, Berman D, Min JK, Hendel RC, Gerber TC, Carr J, Cerqueira MD, Cullom J, DeKemp R, Cullom J, DeKemp R, Dickert M, Dorbala S, Garcia EV, Gibbons RJ, Halliburton SS, Hausleiter J, Heller GV, Jerome S, Lesser JR, Fazel R, Raffe GL, Tilkemeier P, Williams KA, Shaw LJ. Patient-centered imaging: Shared decision making for cardiac imaging procedures with exposure to ionizing radiation. *Journal of the American College of Cardiology* (2014), doi:10.1016/j.jacc.2013.10.092.
52. Serber E, Ciccolo J, Palmer K, Cobb V, Tilkemeier P, Bock B. The feasibility of exercise videogames for cardiovascular risk reduction among adults: A pilot for "Wii Heart Fitness". *J Sports Med Phys Fitness*. 2015 Feb 18. [Epub ahead of print].
53. Jerome SD, Tilkemeier PL, Farrell MB, Shaw LJ. Nationwide Laboratory Adherence to Myocardial Perfusion Imaging Radiation Dose Reduction Practices: A Report from the Intersocietal Accreditation Commission Data Repository. *JACC Cardiovascular Imaging*. 2015 Oct;8(10):1170-6. doi: 10.1016/j.jcmg.2015.07.008. Epub 2015 Sep 9.
54. Nagueh SF, Farrell MB, Bremer ML, Dunsiger SI, Gorman BL, Tilkemeier PL. Predictors of Delayed Accreditation of Echocardiography Laboratories: An Analysis of the Intersocietal Accreditation Commission Database. *J Am Soc Echocardiogr*. 28(9):1062-1069.e7, 2015.
55. Egan BM, Sutherland SE, Childers WF, Dahlheimer RM, Helmrich GA, Lapeyrolerie DA, Markle N, Murphy DW, Simmons L, Davis RA, Tilkemeier PL, Sinopoli A. Comparative impact of implementing the 2013 or 2014 cholesterol guideline on vascular events in a quality improvement network. *Ther Adv Cardiovasc Dis*. (2016) Jan 4, doi:10.1177/1753944715624854.
56. Windle JR, Katz AS, Dow JP, Fry ETA, Keller AM, Lamp T, Lippitt A, Paruche MP, Resnic FS, Serwer GA, Slotwiner DJ, Tchong JE, Tilkemeier PL, Weiner BH, Weintraub WS. 2016 ACC/ASE/ASNC/HRS/SCAI Health Policy Statement on Integrating the Healthcare Enterprise. *Journal of the American College of Cardiology* 2016;68(12):1348-1364. doi:10.1016/j.jacc.2016.04.017.
57. Maddux PT, Farrell, MB, Ewing JA, Tilkemeier PL. Improved compliance with reporting standards: A retrospective analysis of Intersocietal Accreditation Commission Nuclear Cardiology Laboratories. *Journal of Nuclear Cardiology* (2016). doi:10.1007/s12350-016-0713y.
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61. Gheewalla NM, Buckley ML, Tilkemeier PL. Factors and Methodology to Influence Physician Change. *GHS Proceedings*, In Press, 2019.
62. Egan BM, Sutherland SE, Tilkemeier PL, Davis RA, Rutledge V, Sinopoli A. A cluster-based approach for integrating clinical management of Medicare beneficiaries with multiple chronic conditions. *PLoS One*. 2019 Jun 19;14(6):e0217696. doi:10.1371/journal.pone.0217696.
63. Elder JB, Tilkemeier PL, Ewing JA. Insights into nuclear cardiology in the United States from the first 3 years of the ImageGuide Registry. *Journal of Nuclear Cardiology* (2020). doi:10.1007/s12350-020-02112-5.

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2. Tilkemeier PL, Hendel RC, Heller GV, Case JA (editors). *Quality Evaluation in Non-Invasive Cardiovascular Imaging*. Switzerland: Springer International Publishing, 2016. Print ISBN: 978-3-319-28009-7. eBook online ISBN: 978-3-319-28011-0. Published online: (doi:10.1007/978-3-319-208011-0), 2016, April 20.
3. *Quality Evaluation in Non-Invasive Cardiovascular Imaging*. Tilkemeier PL, Hendel RC, Heller GV, Case JA (editors). Switzerland: Springer International Publishing; 2016. The Importance of Quality; p. 3-7.
4. Tilkemeier PL. *Quality Evaluation in Non-Invasive Cardiovascular Imaging*. . Tilkemeier PL, Hendel RC, Heller GV, Case JA (editors). Switzerland: Springer International Publishing; 2016. The Quality Cycle; p. 9-20.
5. Tilkemeier PL. *Quality Evaluation in Non-Invasive Cardiovascular Imaging*. . Tilkemeier PL, Hendel RC, Heller GV, Case JA (editors). Switzerland: Springer International Publishing; 2016. The Quality/Cost/Value Relationship; p. 21-28.

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Tilkemeier PL, Hendel RC, Heller GV, Case JA (editors). Switzerland: Springer International Publishing; 2016. The Complexity of the Non-Invasive Cardiac Imaging Process; p. 29-36.
7. Tilkemeier PL. Quality Evaluation in Non-Invasive Cardiovascular Imaging. .
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8. Tilkemeier PL. Quality Evaluation in Non-Invasive Cardiovascular Imaging. .
Tilkemeier PL, Hendel RC, Heller GV, Case JA (editors). Switzerland: Springer International Publishing; 2016. Developing a Quality Improvement Program; p. 349-360.
9. Tilkemeier PL. Quality Evaluation in Non-Invasive Cardiovascular Imaging. .
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12. Tilkemeier PL. Nuclear Cardiology Practical Applications, Third edition. Heller GV, Hendel RC (editors). New York: McGraw –Hill Education; 2018. Quality Performance in Nuclear Cardiology: A Global Perspective; p. 81-90.

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2. Tilkemeier PL, Wackers FJ. Quality Assurance Committee of the American Society of Nuclear Cardiology. Myocardial perfusion planar imaging. Journal of Nuclear Cardiology. 13(6):e91-6, 2006 Nov.

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4. Tilkemeier PL. DICOM and interconnectivity update. *Journal of Nuclear Cardiology*. Published online: (doi: 10.1007/s12350-008-9028-y), 2009 Jan. 20.
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6. Russell RR, Abbott BG, Arrighi JA, Blankstein R, Cohen MC, Faber TL, Mieres JH, Miller TD, Tilkemeier PL, Travin MI, Bax JJ. Highlights of the 2009 Scientific Session of the American Society of Nuclear Cardiology. *Journal of Nuclear Cardiology*. 17:97-105, 2010 Jan.
7. Shaw LJ, Wang TY, Mahmarián JJ, Tilkemeier PL, Douglas PS, Arrighi, JA, Denton EA, Flood KB. Registry. *Journal of Nuclear Cardiology*. 20(4):655-656, 2013 August.
8. Tilkemeier PL, Wang TY, Lytle BL, Denton EA. Milestones: ASNC ImageGuide™: cardiovascular imaging data registry. *Journal of Nuclear Cardiology*. *Journal of Nuclear Cardiology*. 20(6):1186-1187, 2013 October.
9. Tilkemeier PL, Mahmarián JJ, Wolinsky DG, Denton EA. ImageGuide™ Update. *Journal of Nuclear Cardiology*. Published online: (doi: 10.1007/s12350-015-0217-1), 2015 July 18.
10. Beale C, Tilkemeier PL. Understanding the past to appropriately guide us in the future. *Journal of Nuclear Cardiology*. Published online: (doi: 10.1007/s12350-015-0257-6), 2015 August 14.
11. Tilkemeier PL, Mahmarián JJ, Wolinsky DG, Denton EA. ImageGuide Update. *Journal of Nuclear Cardiology*. 22(5):994-7, 2015 October. doi: 10.1007/s12350-015-0217-1. Epub 2015 Jul 18.
12. Dendy JM, Tilkemeier PL. Successful innovation: a time for change? *Journal of Nuclear Cardiology*. Published online: (doi:10.1007/s12350-016-0533-0), 2016 May 24.
13. Tilkemeier PL, Doukky R, Kirkpatrick JN, Desai MY, Nagueh SF. Coming-of-age: The ImageGuide™ Registry at three. *Journal of Nuclear Cardiology*. Published online: (doi:10.1007/s12350-018-1442-1), 2018 September 14.

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2. Tilkemeier PL, Guiney TE, LaRaia PJ, Boucher CA. Limited prognostic value of pre-discharge low-level exercise thallium testing after thrombolytic treatment of myocardial infarction, JACC; 15(2); 219, 1990.
3. Heller GV, Ahmed I, Tilkemeier PL, Warren LS, Carleton RA, Garber CE. Silent Myocardial Ischemia: A Function of Workload? JACC; 15(2); 45A, 1990.
4. Tilkemeier PL, LaBresh KA, Blaustein AS, Korr KS, Heller GV. Thallium-201 Uptake by the Lungs During Oral Dipyridamole Thallium-201 Imaging, JACC; 5(2); 14A, 1990.
5. Garber CE, Carleton RA, Ahmed I, Tilkemeier PL, Ahlberg A, Heller G. Limited Applicability of the Bruce Protocol for Exercise Prescription, American College of Sports Medicine, May 1990.
6. Heller GV, Tilkemeier PL, Ahmed I, Barbour M, Garber CE. Does Exercise Intensity Affect Subsequent Thallium-201 Results?, JACC; 17(2); 182A, 1991.
7. Tilkemeier PL, Katz AS, Emaus SP, Parisi AF. Can Echocardiography Predict Thallium Redistribution After Exercise?, Clinical Research, 40(3); 668A, 1992.
8. Gallagher JG, Tilkemeier PL. Quantitative Left Ventricular Cavity Size Predicts Multi-vessel Coronary Artery Disease, First International Congress of Nuclear Cardiology April 1993.
9. Tilkemeier PL, Katz AS, Emaus SP, Parisi AF. Wall Motion Predicts Thallium Redistribution After Exercise, First International Congress of Nuclear Cardiology, April 1993.
10. Engebretson TO, Clark M, Phillips TP, Albrecht AE, Niaura R, Tilkemeier PL. Trait Anxiety, Level of Distress, and Quality of Life when Entering A Cardiac Rehab Program, American Psychosomatic Society, April 14, 1994, Boston, MA.
11. Phillips TE, Albrecht AE, Byrne-Maisto MJ, Martin SG, Tilkemeier PL. Evaluating a Safe Exercise Prescription in Patients with Silent Myocardial Ischemia, Journal of Cardiopulmonary Rehabilitation, 14(5); 326, 1994.

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12. Coronado I, Tilkemeier PL. Variability of Normal Wall Thickening by Quantitative Gated SPECT in a Normal Population, *Journal of Nuclear Cardiology*, 2(2); S116, 1995.
13. Coronado I, Tilkemeier PL. Quantitative Gated SPECT Wall Thickening Improves Novice Interpretations, *Society of Nuclear Medicine*, June 1995.
14. Lu Z, McClure D, Tilkemeier PL. Simultaneous Reconstruction of Activity Distribution and Attenuation/Scatter Distribution in Myocardial SPECT, *IEEE Trans on Medical Imaging*, 14:1995.
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17. Campbell ML, Soya DG, Tilkemeier PL. High Resolution vs. Low Energy General Purpose Collimation: Is One Better for Imaging Dual Isotope Myocardial Perfusion Scans, *Journal of Nuclear Medicine Technology*, 24(2); 172, 1996.
18. Engebretson T, Tilkemeier PL, Niaura R, Stoney C, Matacin M, Dev S. Hostility and Thallium-201 Determined Heart Disease, *Society of Behavioral Medicine*, March 14, 1996, Washington, DC.
19. Cohen RA, Aloia M, Clark M, Tilkemeier PL, Tate B, Jenkins M. Neurobehavioral Deficits Associated with Cardiovascular Disease, *Journal of the International Neuropsychology Society*, 2(3); 190, 1996.
20. Nahhas GT, Bouffard RA, Moretti JA, Hills E, Tilkemeier PL. Structured vs. Non-structured Cardiac Rehabilitation after Coronary Artery Bypass Surgery: An Outcome Based Analysis, *Journal of the American College of Cardiology*, 31(2); 171A, 1998.
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22. Serber ER, Todaro JF, Tilkemeier PL, & Niaura R. (March, 2007). Prevalence and Characteristics of Multiple Psychiatric Disorders in Cardiac Rehabilitation Patients. Poster presented at the 28th Annual Meeting of the Society of Behavioral Medicine, Washington, D.C.

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23. Tsiaras SV, Gupta A, Tilkemeier PL. The Effect of Pre-Authorization on the Appropriateness of Myocardial Perfusion Imaging, *Journal of Nuclear Cardiology*, 16(4); 669-70, 2009.
24. Gupta A, Tsiaras SV, Scott-Tillery K, Tilkemeier PL. Gender Disparity and the Appropriateness of Myocardial Perfusion Imaging, *Journal of Nuclear Cardiology*, 16(4); 670, 2009.
25. Tilkemeier PL, Serber, ER, Farrell, MB. The Nuclear Cardiology Report: Problems, Predictors and Improvement. *Journal of the American College of Cardiology*, 55(10); Supplement A, A90, 2010.
26. Bock BC, Serber E, Ciccolo J, Tilkemeier PL, Palmer K, & Cobb V. (April, 2011). Wii "Heart" Fitness: A Pilot Examining Exercise Videogames and Cardiovascular Fitness in Adults. Poster presented at the 32nd Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C.
27. Pinto BM, Goldstein MG, Papandonatos G, Farrell N, Marcus B, & Tilkemeier PL. (April, 2011). Maintaining Exercise After Cardiac Rehabilitation. Poster presented at the 32nd Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, D.C.
28. Scott J, Farrell MB, Godiwala T, Shaw L, Tilkemeier PL. Radiation Dosimetry for Myocardial Perfusion Imaging Protocols in Current Practice: Mechanisms to Meet Exposure Limits. *Journal of American College of Cardiology*, 63(12); Supplement A, A302, 2014.
29. Korpacz D, Tilkemeier PL, Blissmer B, Lamont LS. Effects of Social Support on Individual's Results of 12-Weeks of Cardiac Rehabilitation. *J Cardiopulm Rehabil*. 2015;35(4):288.
30. Farrell MB, Maddux PT, Ewing JA, Tilkemeier PL. Comparison of Reporting Deficiencies for Facilities With and Without Physicians Certified by the Certification Board of Nuclear Cardiology (CBNC): A Report from the Intersocietal Accreditation Commission (IAC) Database. *Journal of Nuclear Cardiology Abstracts*, 22(4); 744-81, 2015.
31. Farrell MB, Costello M, Maddux PT, Ewing JA, Tilkemeier PL. Problems with Protocols: A Report from the Intersocietal Accreditation Commission Database. *Journal of Nuclear Cardiology Abstracts*, 22(4); 744-81, 2015.

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32. Maddux PT, Farrell MB, Tilkemeier PL. Improving Compliance with Intersocietal Accreditation Commission (IAC) Reporting Standards: A Serial Comparison of 523 Labs Over Nine Years. *Journal of Nuclear Cardiology Abstracts*, 22(4); 744-81, 2015.
33. Farrel MB, Maddux PT, Ewing JA, Tilkemeier PL. Progress in Reporting: A Retrospective Analysis of Nuclear Cardiology Labs Applying for Intersocietal Accreditation Commission (IAC) Accreditation Demonstrates Improving Compliance with Reporting Standards. *Journal of Nuclear Cardiology Abstracts*, 22(4); 744-81, 2015.
34. Elder JB, Tilkemeier, PL, Ewing, JA. Getting to the Heart of Nuclear Cardiology in the United States: A First Look at the ImageGuide Registry. *Journal of the American College of Cardiology*, 73(9 Supplement 1) 1459; March 2019; DOI: 10.1016/S0735-1097(19)32065-0
35. Dietz C, Tilkemeier PL, Sherrill WW, McFall D, Stancil M, Parisi M, Beauchamp C, White H. (2019). Health Extension: A Better Way to Manage Diabetes?. Presented at the 79th American Diabetes Association Scientific Sessions; 2019 June 7 – 11; San Francisco, CA.

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA (PEER REVIEWED)

1. Tilkemeier PL, Wackers FJTh, Heller GV. Nuclear Cardiology Self-Assessment Program, (NCSAP) American Society of Nuclear Cardiology, 1995.
2. Tilkemeier PL, Wackers FJTh, Heller GV. Nuclear Cardiology Self-Assessment Program II, (NCSAP-II) American Society of Nuclear Cardiology, 1998.

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA (NON-PEER REVIEWED)

1. Tilkemeier PL. "Gated SPECT", Instructional Videotape, ADAC Labs, 1993.
2. Gupta A, Tilkemeier PL. Gender disparity and the appropriateness of myocardial perfusion imaging, American Society of Nuclear Cardiology Podcast, July 29, 2011.
3. Tilkemeier PL. The nuclear cardiology report: Problems, predictors, and improvement. A report from the ICANL database. American Society of Nuclear Cardiology Podcast, September, 2011.

INVITED PRESENTATIONS

1. "Nuclear Cardiology - New Concepts", Pittsburgh Area Society of Nuclear Medicine Meeting, Pittsburgh, PA, April 1993.
2. "Gated SPECT", Users Meeting, Society of Nuclear Medicine Annual Meeting, Toronto, Canada, June 1993.
3. "Advances in Myocardial Imaging: Role of Nuclear Cardiology", Sunfest Cardiology Conference, Salisbury, MD, September 1993.
4. "Gated SPECT Imaging", Missouri Valley Chapter Society of Nuclear Medicine, Kansas City, MO, October 1993.
5. Nuclear Cardiology Consultant, Good Samaritan Hospital, West Palm Beach, Florida, October 1993.
6. "Gated SPECT - Clinical Applications and Interpretation", University Carl Gustavus Carus, Dresden, Germany, November 1993.
7. "Nuclear Cardiology in the 90's", Medical Grand Rounds, Good Samaritan Hospital, San Jose, CA, March 1994.
8. "You and Your Cholesterol", Men's Winter Wellness Series, Miriam Hospital, Providence, RI, March 1994.
9. "Cholesterol - Importance in Patients with Hypertension", National High Blood Pressure Month Public Education Forum, RI Chapter AHA and Miriam Hospital, Providence, RI, May, 1994.
10. "New Directions in Nuclear Cardiology", Louisiana Society of Nuclear Medicine, New Orleans, LA, July 1994.
11. "Risk Stratification of Patients after Myocardial Infarction", Topics in Internal Medicine, Memorial Hospital of Rhode Island, Pawtucket, RI, March 1995.
12. "Cholesterol Update", New England Osteopathic Annual Convention, Newport, RI, September 1995.
13. "Perspectives in Nuclear Cardiology", Mid-Maine Medical Center, Medical Grand Rounds, Waterville, Maine, September, 1995.
14. Invited Participant, "Cardiovascular Disease Management: Risk Factor Counseling Workshop", American Heart Association, Houston, Texas, October, 1995.

INVITED PRESENTATIONS (Continued)

15. "Cholesterol Management - 1995", North Attleborough Medical Associates, North Attleborough, MA, November 1995.
16. "Action for Preservation - Early Heart Attack Intervention", Lifespan Philanthropy Day, Providence, Rhode Island, November 1995.
17. "Primary and Secondary Prevention - Cholesterol Management after the 4S and West of Scotland Trials", Brown University Cardiology Fellows Seminar, Providence, Rhode Island, December 1995.
18. "Cardiac Rehabilitation for You and Your Family", National Heart Month Educational Forum, Lifespan Health Care System, Providence, RI, February, 1996.
19. "Update in Cardiac Rehabilitation", Providence Visiting Nurse Association Educational Forum, Providence, RI, May 1996.
20. "High Tech View of Innovations and Therapies for Cardiovascular Wellness", The Miriam People Dinner, Providence, RI, May 1996.
21. Primary Prevention Speakers Bureau, Bristol-Myers Squibb, 1996.
22. Invited Participant, American Heart Association Research Programs: Preparing for the 21st Century Consensus Conference, Dallas, TX, September, 1996.
23. "Application of the DICOM Standard in Nuclear Cardiology - Technical and Practical Implications", American College of Cardiology Annual Scientific Sessions, 1997.
24. Hypercholesterolemia Speakers Bureau, Pfizer, 1997.
25. "Attenuation correction, scatter correction, and resolution enhancement - How close are we to the holy grail" - Cardiology Grand Rounds, Memorial Hospital of Rhode Island, March 17, 1998.
26. Physician Education Seminars - "Attenuation correction - clinical perspectives", ADAC Laboratories, 1998.
27. American Society of Nuclear Cardiology-3rd Annual Tutorial, "Read with the experts", New Orleans, LA September 11-13, 1998.
28. Society of Nuclear Medicine 47th Annual Meeting, "Read with the Experts", St. Louis, MO, June 3-7, 2000.

INVITED PRESENTATIONS (Continued)

29. "Attenuation Correction", Users Meeting, Society of Nuclear Medicine Annual Meeting, St. Louis, MO, June 2000.
30. "Stress Testing: Who? When? How often? What type?", Cardiology for the Primary Care Provider, RI Chapter ACC Meeting, September 2002.
31. "Connected and Interoperable: The Nuclear Medicine Department of the Future", Philips Medical Systems 2004 User Meeting, Society of Nuclear Medicine, Philadelphia, PA, June 20, 2004.
32. "DICOM and Connectivity", 26th Annual High Country Nuclear Medicine Conference. Vail, CO, March 2, 2005.
33. "IHE and Cardiology: An Introduction", American College of Cardiology, Annual Meeting, Orlando, FL, March 7, 2005.
34. "Cardiac Prevention and Rehabilitation", Miriam Hospital Women's Association, Providence, RI, April 4, 2005.
35. "IHE and Nuclear Cardiology", American College of Cardiology, Annual Meeting, Atlanta, Georgia, March 12, 2006.
36. "Depression and Cardiac Disease", Cardiology for the Primary Care Provider, RI Chapter ACC Meeting, September 2006.
37. "IHE and Nuclear Cardiology- 2007", American College of Cardiology, Annual Meeting, New Orleans, Louisiana, March 25, 2007.
38. "Stress Testing What IS Appropriate?", Rhode Island Chapter of the American College of Cardiology and the Warren Alpert Medical School of Brown University, 7th Annual Cardiology for the Primary Care Provider, Providence, Rhode Island, September 24, 2008.
39. "Evaluating and Improving Quality in Cardiovascular Imaging: Challenges and Opportunities", American College of Cardiology, Annual Meeting, Orlando, Florida, March 31, 2009.
40. "Quality Performance Measures in Cardiology: What are they and how are we doing in Rhode Island?", Rhode Island Chapter of the American College of Cardiology and the Warren Alpert Medical School of Brown University, 8th Annual Cardiology for the Primary Care Provider, Providence, Rhode Island, September 23, 2009.

INVITED PRESENTATIONS (Continued)

41. "Quality Reporting: The Final Product", American Society of Nuclear Cardiology Annual Meeting 2009, Minneapolis, MN, October 3, 2009.
42. "Quality in Imaging Roundtable", American Society of Nuclear Cardiology Annual Meeting 2009, Minneapolis, MN, October 3, 2009.
43. "Imaging in FOCUS", American College of Cardiology, Webinar, January 19, 2010.
44. "Nuclear Cardiology Reporting and the ASNC Imaging Guidelines", The Intersocietal Commission for the Accreditation of Nuclear Medicine Laboratories, Webinar, January 26 and 27, 2010.
45. "Practical Considerations in the Evaluation of a Patient with Heart Failure", Moderator, American Society of Nuclear Cardiology Annual Meeting 2010, Philadelphia, PA, September 24, 2010.
46. "Structured Reporting of Myocardial Viability: What the Clinician Needs to Know", American Society of Nuclear Cardiology Annual Meeting 2010, Philadelphia, PA, September 24, 2010.
47. "Structured Reporting: Getting with the Guidelines", American Society of Nuclear Cardiology Annual Meeting 2010, Philadelphia, PA, September 25, 2010.
48. "Nuclear Cardiology Jeopardy, Part II: Clinical", Moderator, American Society of Nuclear Cardiology Annual Meeting 2010, Philadelphia, PA, September 25, 2010.
49. "Stroke Prevention in Atrial Fibrillation: Are we stuck with Warfarin?", Rhode Island Chapter of the American College of Cardiology and the Warren Alpert Medical School of Brown University, 9th Annual Cardiology for the Primary Care Provider, Providence, Rhode Island, September 29, 2010.
50. "Optimal Use of Specialty Services to Reduce Costs", Institute for Healthcare Improvement 22nd Annual National Forum on Quality Improvement in Health Care 2010, Orlando, FL, December 8, 2010.
51. "Quality Performance Measures in Cardiology: What are they and how are we doing in Rhode Island?", Rhode Island Chapter of the American College of Cardiology and the Warren Alpert Medical School of Brown University, 10th Annual Cardiology for the Primary Care Provider, Providence, Rhode Island, September 28, 2011.

INVITED PRESENTATIONS (Continued)

52. "Excellence in Imaging: A Patient Centered Approach", Society of Nuclear Medicine Technologists Rhode Island Grassroots Meeting, Providence, Rhode Island, March 10, 2012.
53. "Perfecting the Stress Test: Common Pitfalls and Managing Artifacts", American Society of Nuclear Cardiology Annual Meeting 2012, Baltimore, MD, September 7, 2012.
54. "Improving Our Practices with Appropriate Use Criteria", American Society of Nuclear Cardiology Annual Meeting 2012, Baltimore, MD, September 8, 2012.
55. "Exercise and its Role in Secondary Prevention of Cardiac Disease", Rhode Island Chapter of the American College of Cardiology and the Warren Alpert Medical School of Brown University, 11th Annual Cardiology for the Primary Care Provider, Providence, Rhode Island, September 26, 2012.
56. "Appropriate Use Criteria as a Means to Decrease Population Radiation Exposure", NIH/NHLBI sponsored symposium "Patient-Centered Imaging-Shared Decision Making for Cardiac Imaging Procedures with Exposure to Ionizing Radiation", Atlanta, Georgia, November 16, 2012.
57. "Balancing Quality and Innovation: The Increasing Role of Data", Moderator, American Society of Nuclear Cardiology Annual Meeting 2013, Chicago, IL, September 27, 2013.
58. "How Do We Define Quality", American Society of Nuclear Cardiology Annual Meeting 2013, Chicago, IL, September 27, 2013.
59. "Updates on the Registry", Moderator, American Society of Nuclear Cardiology Annual Meeting 2013, Chicago, IL, September 28, 2013.
60. "The Registry: How it Will Work with the Vendors and the Need for Structured Reporting", American Society of Nuclear Cardiology Annual Meeting 2013, Chicago, IL, September 28, 2013.
61. "Basic Interpretation Skills", American Society of Nuclear Cardiology Annual Meeting 2013, Chicago, IL, September 28, 2013.
62. "Data, Data, Data – What Will We Learn?", American Society of Nuclear Cardiology Innovation Summit 2013, Washington, DC, October 30, 2013.
63. "Cardiac Imaging in a New Paradigm", 7th Annual Lloyd Hayes Symposium: An Internal Medicine Update, Greenville Health System, Greenville, SC, August 23, 2014.

INVITED PRESENTATIONS (Continued)

64. "Image Guide-ASNC Registry", ICNC 12 – International Conference on Nuclear Cardiology and Cardiac CT, Madrid, Spain, May 4, 2015.
65. "Managing in the New Environment: How Can ASNC Get You Ready", American Society of Nuclear Cardiology Annual Meeting 2015, Washington, DC, September 17, 2015.
66. "Standard and Structure: The ImageGuide Registry", American Society of Nuclear Cardiology Annual Meeting 2015, Washington, DC, September 20, 2015.
67. "Mobile and Electronic Health: Anytime, Anywhere", 3rd Annual Cardiology Symposium, Greenville, SC, January 30, 2016.
68. "Risk Stratification and Cluster Based Care", Care Coordination Institute, 2016 Annual Symposium, Moderator, Panel Discussion, Greenville, SC, April 9, 2016.
69. "Reporting a Myocardial Perfusion SPECT Study", ASNC/IAEA Webinar, July 27, 2016.
70. "ImageGuide Q and A", ASNC Webinar, August 29, 2016.
71. "Big Data, Big Results: ImageGuide and the Role of Registries", American Society of Nuclear Cardiology Annual Meeting 2016, Moderator, Boca Raton, FL, September 23, 2016.
72. "Essential Principles of Nuclear Stress Testing", American Society of Nuclear Cardiology Annual Meeting 2016, Moderator, Boca Raton, FL, September 24, 2016.
73. "Structured Reporting: Read It Then Report It Right", American College of Cardiology Annual Meeting 2017, Washington, DC, March 17, 2017.
74. "Optimizing the Clinical Value of Reports", American Society of Nuclear Cardiology Annual Meeting 2017, Kansas City, MO, September 16, 2017.
75. "The Evolving Role of Primary Care and Technology in Cardiology", 5th Annual Cardiology Symposium, Greenville, SC, January 27, 2018.
76. "The State of Diabetes in South Carolina", Community Health Summit, Greenville, SC, April 7, 2018.

77. "ImageGuide®, An Overview", American Society of Echocardiography, Nashville, TN, June 23, 2018.

INVITED PRESENTATIONS (Continued)

78. "ImageGuide® Registry Update: Supporting Change and Creating Value", American Society of Nuclear Cardiology Annual Meeting 2018, Moderator, San Francisco, CA, September 17, 2018.
79. "ImageGuide® - Today and Tomorrow", American Society of Nuclear Cardiology Annual Meeting 2018, San Francisco, CA, September 17, 2018.
80. "Evolution of Exercise is Medicine Greenville: Exploring the Greenville Health System, USC School of Medicine Greenville, YMCA, and American College of Sports Medicine partnership to improve population health", Diabetes Re-Imagined: Clinical and Community Partnership , Furman University, Greenville, SC, November 17, 2017.
81. "Clinical Registries: Inception, Implementation, Impact", Grand Rounds Talk, Creighton University, Omaha, NE, March 5, 2019
82. "Interprofessional Best Practices in Diabetes", American Diabetes Association 34th Annual Clinical Conference on Diabetes, Orlando, FL, May 24, 2019.
83. "Use of Extension/Paraprofessionals to Deliver DPP and DSMES", American Diabetes Association 34th Annual Clinical Conference on Diabetes, Orlando, FL, May 24, 2019.
84. "Expanding Diabetes Self-Management Education and Support Throughout a Larger Health Care Organization to Improve Pay for Performance Metrics", American Diabetes Association 79th Scientific Sessions, San Francisco, CA, June 8, 2019.
85. "The Coverage Equation: Emerging Trends in Nuclear Cardiology" American Society of Nuclear Cardiology Annual meeting 2019, Moderator, Chicago, IL, September 13, 2019.
86. "ImageGuide® Nuclear: How the Registry Impacts the Future of the Nuclear Field", American Society of Nuclear Cardiology Annual Meeting 2019, Chicago, IL, September 14, 2019.
87. "Improving Network Performance through Care Management", Risk Evolution Task Force Webinar, America's Physician Group, September 19, 2019.

GRANTS

1. Adenosine Levels with Pacing Before and After Angioplasty, American Heart Association, RI Affiliate, \$14,000, July 1991 - December 1992. Principal Investigator.
2. Efficacy and Safety of Simvastatin in Hypercholesterolemia, Merck, Sharp, and Dohme, \$10,000, August 1992 -June 1993, Site Coordinator.
3. Cholesterol and Recurrent Events (CARE), Bristol-Myers Squibb, \$18,700, 1991 - 1996, Co-Investigator.
4. Technetium-99m Sestamibi in the Evaluation of Submaximal Exercise, R.I. Foundation, \$3,900. January 1993 - December 1993, Principal Investigator.
5. Diastolic Function with Varying AV Conduction Intervals, Medtronic, Inc., \$6,200, August 1993 - June 1994, Principal Investigator.
6. Detection of Acute Coronary Syndromes with Attenuation Corrected Tc-99m Tetrofosmin Imaging, Amersham Healthcare, \$13,000, November 1996 - 1999, Investigator.
7. Heart Disease, CNS Dysfunction & Outcome in the Elderly, National Institute on Aging, \$720,000, 2001-2005, Co-Investigator.
8. Benefits of Cardiac Rehabilitation in Men and Women, National Heart, Lung and Blood Institute, \$2.7 million, 2001-2005, Co-Investigator.
9. Randomized, single-blind, two-arm crossover, dose selection study of MRE470 as an adjunct to myocardial perfusion imaging, King Pharmaceuticals, \$40,000, 2003, Co-Investigator.
10. Observational study of outcomes following vasodilator stress induced myocardial perfusion imaging, King Pharmaceuticals, \$20,000, 2003, Co-Investigator.
11. Tailored Exercise Support for Cardiac Patients, National Heart, Lung and Blood Institute (R01HL075561-01), \$1.4 million, 2004-2008, Co-Investigator.
12. Maintenance of Exercise in Cardiac Rehabilitation, National Heart, Lung and Blood Institute (R01HL76734), \$2.31 million, 2004 – 2008, Co-Investigator.

GRANTS (Continued)

13. A Phase 3. Parallel, Double-blind, Multi-center Trial to examine Inducible Myocardial Perfusion Abnormality Detection with BMS068645 and Adenosine Stress Single Photon Computed Tomography (SPECT) compared to Coronary Angiography, Bristol-Myers Squibb Medical Imaging, \$40,000, 2006, Co-Investigator.
14. A Randomized, Double-blind Comparison of Apadenoson and Adenosine to Treadmill Exercise Stress for Single-Photon Emission Computed Tomography (SPECT) Myocardial Perfusion Imaging, Bristol-Myers Squibb Medical Imaging, \$50,000, 2006, Co-Investigator.
15. CLEVER Study (Claudication: Exercise Vs. Endoluminal Revascularization)—National Heart, Lung, and Blood Institute (R01 HL077221), 2007-2011, Co-Investigator.
16. Cardiac Autonomic Regulation Enhancement Through Exercise (CARE-E), NIH Exploratory/Developmental Research Grant (1 R21 HL092340-01A1), \$410,659, 2008-2010, Co-Investigator.
17. Culturally and Linguistically Adapted Physical Activity Intervention for Latinas. National Institute of Nursing Research (1 R01 NR011295). \$1,837,205, 2009-2013, Co-Investigator.
18. Efficacy of Exercise Videogames for Physical Activity Adoption and Maintenance. National Institutes of Health: National Heart, Lung, and Blood Institute (1 R01 HL 109116). \$380,381, 2011-2016, Co-Investigator.
19. Promoting Physical Activity in Latinas via Interactive Web Based Technology. National Institutes of Health: National Cancer Institute (R01 CA159954). \$2,321,000, 2011-2015, Co-Investigator.
20. Efficacy of Resistance Training as an Aid to Standard Smoking Cessation. National Institutes of Health: National Heart, Lung, and Blood Institute (1 R01 HL117345). \$2,747,396, 2012-2017, Co-Investigator.
21. Inter-observer Variability in Myocardial Perfusion Imaging Interpretation Among “Average” Physicians, Intersocietal Accreditation Organization, \$25,000, 2018-2019, Principal Investigator, Pending.

UNIVERSITY TEACHING ROLES

- 1991 – 2014 House Staff Noon Conference, “Laboratory Evaluation of Angina”
- Didactic presentation and problem based learning used to convey knowledge
 - One session per year, 1 hour per session (Direct contact: 1 hour annually; preparation 1 hour annually)
 - Twenty to thirty medical students and residents per session
- 1992 – 2010 Preceptor, Third Year Clerkship in Medicine (Biomed 301)
- Activities include: written and oral presentation of cases, review of physical examination, assessment of medical problems, and determination of medical management.
 - Six week rotation; 2 sessions per week (direct contact: 24 hours annually; preparation 12 hours annually)
- 1992 - 2006 Course Director, “Nuclear Cardiology Imaging Preceptorship”, National and International
- Coordinate schedules and topics of all lecturers
 - Insure quality and accuracy of information covered
 - Continually revise content of program and lecture material to keep material up to date
 - Keep CME accreditation current (21 hours of CME offered for participants)
 - Deliver lectures and cover for other participants for emergency absences (patient care related)
 - Direct contact: 120 hours annually; preparation: 60 hours annually
- 1994 - 2004 Director, Brown University Combined Program in Cardiovascular Diseases
- Recruitment of 4-6 fellows yearly (approximately 500 applicants, 50 interviewees)
 - Ongoing evaluation of fellows, attending staff, and rotations
 - Development, implementation, and revision of curriculum
 - Maintain program accreditation (ACGME)
 - Resource for fellows including: Literature review, study design, statistical analysis, Curriculum
 - Vitae review, counseling (personal, job opportunities, interpersonal relationships, etc.), contract review
 - Direct contact: 250 hours annually; indirect contact: 500 hours annually

UNIVERSITY TEACHING ROLES (Continued)

- 1996 – 2014 Cardiology Journal Club Coordinator
- Supervise fellows in preparing and analyzing current Journal articles for presentation and discussion
 - Ongoing evaluation of fellow presentations
 - Maintain CME accreditation for the conference
 - Directly mentor Journal Club presentations on a rotational basis
 - Direct contact: 20 hours annually; indirect contact 15 hours annually
- 1996 – 2014 House Staff Noon Conference, “Cardiac Rehabilitation”, The Miriam Hospital
- Didactic presentation and problem based learning used to convey knowledge
 - One session per year, 1 hour per session (Direct contact: 1 hour annually; preparation 1 hour annually)
 - Twenty to thirty medical students and residents per session
- 1996 – 2014 Cardiology Fellow Mentors
- Frank Conte, MD, 1996 - 1997, prepared case report and developed, collected data and published findings regarding aspirin use in the emergency department in a multi-hospital setting
 - Wen-chi (Hank) Wu, MD, 2002, mentored regarding career choices and direction, prepared and published case report
 - Maryam Afshar, MD, 2005, reviewed article and prepared accompanying editorial response “The utility of gated SPECT imaging in quantitative analysis of regional ejection fraction”
 - Sarah Tsiaras, MD, 2009 - 2010, developed research project, collected and analyzed data and published abstract entitled “The effect of pre-authorization on the appropriateness of myocardial perfusion imaging”
 - Anthony Gemignani, MD, 2008 - 2010, developed research project, collected and analyzed data evaluating the effect of cardiac rehabilitation on heart rate variability
 - Aarti Gupta, MD, 2010 - 2014, developed research project, collected and analyzed data, published manuscript evaluating gender disparity in myocardial perfusion image test ordering. Prepared subsequent podcast reviewing the study findings. Reviewed articles submitted for publication.
 - P. Tim Maddux, MD, 2015-2016, developed research project, collected and analyzed data, published 4 abstracts and 2

manuscripts regarding trends in the quality of nuclear cardiology reports

UNIVERSITY TEACHING ROLES (Continued)

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| 1997 - 2005 | <p>Instructor, Brown University Biomed 281, Pathophysiology, Cardiovascular Section.</p> <ul style="list-style-type: none"> • Instructed small group sessions regarding use of nuclear cardiology techniques in the diagnosis of cardiac disease • Demonstrated nuclear cardiology images to students |
| 2005 - 2007 | <p>Mentor, Brown University Course EN-192/193</p> <ul style="list-style-type: none"> • Mentor a class in entrepreneurship in the development of a business plan for a new cardiac rehabilitation product designed to facilitate independent, safe, outpatient cardiac rehabilitation • Meets regularly to discuss plans and clinical requirements for the product |
| 2008 – 2014 | <p>Research Supervision</p> <ul style="list-style-type: none"> • 2008 - 2010 Anthony Gemignani, MD – Cardiology Fellow <ul style="list-style-type: none"> ○ Study evaluating the role of exercise in Cardiac rehabilitation and its effect on heart rate variability • 2009 - 2011 Eva Serber, PhD – Behavioral Medicine Faculty <ul style="list-style-type: none"> ○ Study evaluating quality of nuclear cardiology reports from a national database ○ R21 – Cardiac Autonomic Regulation Enhancement Through Exercise • 2010 Sarah Tsiaras, MD – Cardiology Fellow <ul style="list-style-type: none"> ○ Study evaluating effects of insurance provider on test referral • 2010 – present Aarti Gupta, MD – Cardiology Fellow <ul style="list-style-type: none"> ○ Study evaluating gender bias in test referral |
| 2010 - 2013 | <p>Guest Lecturer, Brown University Course PHP 2350: Economics of Medical Therapies: Health Policy and Practice</p> <ul style="list-style-type: none"> • Describe the role of the physician in the health care economics decision process • Interact with panel members and students regarding therapy-based economics |
| 2014 - | <p>Mentor, Greenville Health System Internal Medicine Residency Program</p> <ul style="list-style-type: none"> • 2016 P.Tim Maddux, MD – Senior Resident • 2018 Joshua Elder, MD – Senior Resident |

UNIVERSITY TEACHING ROLES (Continued)

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| 2014 - | Resident Conference, “Nuclear Cardiology”, Greenville Health System <ul style="list-style-type: none"> • Didactic presentation and problem based learning used to convey knowledge • One session per year, 1 hour per session (Direct contact: 1 hour annually; preparation 1 hour annually) • Twenty to thirty medical students and residents per session |
| 1989 – 2014 | Noninvasive Cardiology Rotation <ul style="list-style-type: none"> • Approximately 2-3 residents per year • Month long rotation including echocardiography and nuclear cardiology • 40 – 60 hours annually |
| 1989 – 2013 | Consult Service Attending <ul style="list-style-type: none"> • Bedside instruction of medical students, residents and fellows • Didactic instruction as required • 200 hours annually |
| 1991 – 2013 | CCU Teaching Attending <ul style="list-style-type: none"> • Didactic instruction of medical students, residents and physician assistants • 8 hours weekly for 8 weeks annually |
| 1996 – 2013 | Outpatient Clinic Preceptor <ul style="list-style-type: none"> • Supervise fellows/residents in the outpatient setting • Didactic instruction regarding communication, billing and compliance • 2 fellows annually; 4 hours per week per fellow; 400 hours annually |
| 2015 – Present | Outpatient Cardiology Clinic Supervisor <ul style="list-style-type: none"> • Supervise residents/medical students in the outpatient setting • Didactic instruction regarding communication, billing and compliance • 6 hours per week per resident; 300 hours annually |

COMMUNITY SERVICE

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| 2013 | Global Medical Brigades – Nicaragua |
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- Provided medical care to indigent communities
- Lead student teams for patient education
- Lead and participated in building community infrastructure

COMMUNITY SERVICE (Continued)

2017

AHA Upstate Heart Ball Chair – Greenville, SC

- Lead and organized multiple teams of volunteers engaged in fund raising
- More than 800 attendees
- \$870,000 net raised for the American Heart Association

2020 -

MAC Metropolitan Arts Council – Greenville SC
Board of Directors