

CURRICULUM VITAE

Anne B. Curtis, M.D.

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Buffalo, NY 14222

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PLACE OF BIRTH: Brooklyn, New York

FAMILY: Children:
Diana Leigh
Katherine Claire
Alexander Anthony III

PRESENT APPOINTMENT:

2016- SUNY Distinguished Professor

2010- University at Buffalo, Buffalo, NY
Charles and Mary Bauer Professor and Chair
Department of Medicine

2010- President and CEO, UB|MD Internal Medicine

EDUCATION:

1971-1975 Rutgers University, New Brunswick, N.J.
A.B.

1975-1979 Columbia University College of Physicians and
Surgeons, New York, N.Y., M.D.

POSTDOCTORAL TRAINING:

1979-1982	Presbyterian Hospital, New York, N.Y. Residency, Internal Medicine
1982-1985	Duke University Medical Center, Durham, N.C. Fellowship, Cardiovascular Diseases
1985-1986	Duke University Medical Center, Durham, N.C. Fellowship, Clinical Cardiac Electrophysiology

OTHER TRAINING:

2006-2007	Fellow, Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM) Program
2011	Harvard School of Public Health Program for Chiefs of Clinical Services

LICENSURE:

1986	Florida License, Registration No. ME 0048845, active (through 1/31/2019)
1982	North Carolina License, Registration No. 26122, inactive
1981	New York License, #145004, active (through 3/31/18)

BOARD CERTIFICATION:

9/15/1982	American Board of Internal Medicine
11/20/1985	American Board of Internal Medicine, Cardiovascular Diseases
11/4/1992	American Board of Internal Medicine, Clinical Cardiac Electrophysiology
1997	Testamur, NASPEXAM, Examination of Special Competency - Cardiac Pacing and Cardioversion Defibrillation
9/9/2002	American Board of Internal Medicine, Recertification in Clinical Cardiac Electrophysiology, valid through 12/31/2012
10/25/2012	American Board of Internal Medicine, Recertification in Clinical Cardiac Electrophysiology, valid through 12/31/2022

PREVIOUS UNIVERSITY APPOINTMENTS:

1986-1987	University of Florida, Gainesville, FL Instructor in Medicine Director, Clinical Electrophysiology
1987-1992	University of Florida, Gainesville, FL Assistant Professor of Medicine Director, Clinical Electrophysiology
1992-1997	University of Florida, Gainesville, FL Associate Professor of Medicine

	Director, Clinical Electrophysiology
1992-2005	Training Program Director, Clinical Cardiac Electrophysiology
1997-2005	University of Florida, Gainesville, FL Professor of Medicine Director, Clinical Electrophysiology
1996-2005	Consultant, VA Medical Center, Gainesville, FL
2005-2009	University of South Florida, Tampa, FL Training Program Director Cardiovascular Disease Fellowship
2005-2010	University of South Florida, Tampa FL Chief, Division of Cardiology Director, Cardiovascular Services
2013-2016	UB Distinguished Professor

PREVIOUS HOSPITAL APPOINTMENTS:

1986-1996	Staff Physician, VA Medical Center, Gainesville, FL Director, Pacemaker Service
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HONORS AND AWARDS:

1974	Phi Beta Kappa
1975	Summa cum Laude with High Honors in Chemistry, Rutgers University
1975	Sigma Xi
1978	Alpha Omega Alpha
2009	Association of University Cardiologists
2001-2015	America's Top Doctors
2010	Distinguished Fellowship Award, International Academy of Cardiology
2012	Distinguished Service Award, Heart Rhythm Society
2012	Health Care 50, Buffalo, NY
2012	Western New York Woman of Influence
2012	Walter Bleifeld Memorial Award for Distinguished Contribution in Clinical Research in Cardiology, International Academy of Cardiology
2012	Buffalo 612' C-Level Executive Award
2014	Business First's Who's Who in Healthcare
2015	Business First's 2015 Power 250 - Most Influential Business Leaders
2015	One Hundred Most Powerful Women in Western New York (#34; Business First)
2016	Buffalo Business First's 2016 Power 250: Western New York's Most Influential People (#158)
2016	Buffalo Business First's 2016 Power 250: Western New York's Most Influential Women (#32)

UNIVERSITY/HOSPITAL COMMITTEES:

1992-1998 Medication Use Committee, Shands Hospital
 1991-1997 Code Blue Committee, Shands Hospital
 1998-2001 Associate Professor Tenure and Promotion Committee
 2003 Tenure and Promotion Review Committee
 2003 Search Committee for Chief, Division of Pulmonary, Hypertension and Renal Transplantation, University of Florida
 2005-2007 Space Committee, University of South Florida College of Medicine
 2005-2007 Research Committee, University of South Florida College of Medicine
 2005-2006 Co-Chair, Search Committee, Vascular Science Faculty, USF College of Medicine
 2006-2010 Clinical Director of the Cardiovascular Signature Research Program, University of South Florida College of Medicine
 2006 Search Committee, Chief of Staff, James A. Haley VA Medical Center, Tampa, FL
 2006-2010 Patient Complaint Subcommittee, University of South Florida Practice Group
 2007-2010 Graduate Student Supervisory Committee: Sarah Norring
 2007-2009 Graduate Student Supervisory Committee: Norelli Schettini
 2008-2010 Advisory Committee of the USF electrical engineering graduate track on biomedical engineering
 2009-2010 USF UMSA/MSSC Board of Directors
 2010-2012 UB Internal Advisory Council of the Buffalo Clinical and Translational Research Center
 2010-2011 GMCC Committee, University at Buffalo
 2010-2014 UBMD Operating Principles Subcommittee
 2010-2013 Physician Leadership Board of Directors for the Global Heart and Vascular Institute
 2010- UBMD Finance Committee
 2010- UBMD Operations Committee
 2010-2014 UBMD Management Council
 2010- UB representative to the Buffalo Niagara Medical Campus (BNMC) Clinical Forum Committee
 2011-2014 Chair, UBMD Marketing Committee
 2011-2012 Search Committee, Vice President for Development and Alumni Relations, University at Buffalo
 2011-2013 ACO Committee, UBMD
 2011-2012 Chief, Medicine Service, Kaleida Health
 2011-2012 Search Committee, Executive Director of the Global Vascular Institute
 2011-2013 Board of Directors, UB Associates, Inc.
 2011-2013 Chair, Global Vascular Institute, Education & Training Committee
 2011-2013 Personnel Committee, Global Vascular Institute
 2011-2012 Co-Chair, Provost Search Committee, University at Buffalo
 2011-2013 Cardiac Services Steering Committee, Kaleida Health System
 2012-2014 Preferred Provider Network/SUNY Care Working Group
 2012-2014 Veterans Administration Proposal Review Committee

2012-	Governing Board of the Buffalo Translational Consortium Board
2012-2015	Electronic Health Records Committee, UB MD
2012-	Chair, UB Clinical Research Center Oversight Committee
2012-2013	Chair, Ad Hoc Committee on Promotions to Clinical Ranks
2013-2015	Graduate Medical Education Grievance Committee (Chair 2013)
2013-2016	Board of Managers, Cardiology Co-Management LLC
2013-	Vice Chair, UBA Board of Directors
2014-	Kaleida Quality Leadership Council
2014-	Hospital and Insurance Contracting Committee, UBMD
2014-	Alpha Omega Alpha Advisory Council
2014-	Chair, Executive Committee, UBMD
2014-2016	Chair, Operations Committee, UBMD
2015	GME Strategic Planning: Workgroup on Scholarly Activity
2016	GME Funding Work Group
2016-2017	Search Committee for the Dean of the School of Law
2016-2017	Jacobs School of Medicine & Biomedical Sciences Philanthropy and Alumni Engagement Strategic Planning Steering Committee
2016-2017	Jacobs School of Medicine & Biomedical Sciences Strategic Planning Steering Committee
2016-2019	Distinguished Ranks Committee, University at Buffalo

RESEARCH SUPPORT:

Previous

Sensitivity of the Denervated Heart to Adenosine, 1992-1994, NHLBI, Consultant

Evaluation of the Teletronics Guardian Automatic Implantable Defibrillator, 4/92-12/92, Teletronics Pacing Systems, Co-Investigator

Evaluation of the Safety and Efficacy of the Medtronic Legend Plus Model 8446/8448 Pulse Generator, 6/92-3/97, Medtronic Inc., Co-Investigator

Evaluation of the Safety and Efficacy of the CPI Model 1625 Ventak P2 Automatic Implantable Cardioverter Defibrillator, 7/92-6/95, CPI Guidant, Co-Investigator

Is adenosine an endogenous antiarrhythmic agent? 7/92-6/94, American Heart Association, Sponsor

Evaluation of the Safety and Efficacy of the CPI ENDOTAK Lead System with the Ventak P Automatic Implantable Cardioverter Defibrillator (P2), 1992-5/95, Cardiac Pacemakers Inc., Co-Investigator

Multicenter Unsustained Tachycardia Trial (MUSTT), 1992-3/97, NHLBI, Co-Investigator

Comparison of DDDR and VVIR pacing therapy in the tachycardia-bradycardia syndrome (PAC-A-TACH), 10/92-3/97, Medtronic, Inc., Steering Committee

Multicenter randomized controlled clinical trial of the prophylactic use of the automatic implantable cardioverter defibrillator in patients who are having CABG and have left ventricular dysfunction and positive signal averaged EKG (The CABG Patch Trial), 1992-1997, NHLBI and Guidant, Inc., Co-Investigator

Modification and ablation of cardiac conduction, 3/93-2/94, Abela Laser Systems through the SBIR, Co-Principal Investigator

Evaluation of algorithms to optimize pacemaker pulse delivery and sensing circuitry, 7/93-6/94, Telectronics, Inc, Principal Investigator

The use of adenosine for diagnosis and treatment of supraventricular tachycardias, 7/93-6/94, Fujisawa, Principal Investigator

Dose-ranging study of oral bidisomide vs. placebo in reducing the recurrence of symptomatic atrial fibrillation/flutter and paroxysmal supraventricular tachycardia, 9/93-7/94, Searle, Co-Investigator

A randomized, controlled trial of implantable cardiac defibrillators versus antiarrhythmic drug therapy in survivors of ventricular tachycardia or fibrillation (AVID & Registry), 11/93-12/97, NHLBI, Principal Investigator

A double-blind, placebo-controlled, randomized, dose response study of oral d,l-sotalol hydrochloride for the maintenance of sinus rhythm in subjects with prior symptomatic atrial fibrillation or flutter, 12/93-6/95, Berlex, Principal Investigator

Frequency dependent effects and site specific actions of adenosine on AV nodal conduction, 7/94-6/96, American Heart Association, Sponsor

Dual site atrial pacing for prevention of atrial fibrillation, 8/94-6/97, Medtronic, Inc., Principal Investigator

Registry for nodal ablation and pacing in atrial fibrillation (APT), 9/94-9/95, Medtronic, Co-Investigator

Attenuation of the effects of endogenous adenosine with a selective A1 adenosine receptor antagonist, 3/95-3/99, Discovery Therapeutics, Principal Investigator

Impaired AV nodal conduction due to AV nodal ischemia in patients with right coronary artery stenosis, 3/95-3/99, Discovery Therapeutics, Principal Investigator

Study of oral dl-sotalol hydrochloride for the maintenance of sinus rhythm in subjects with prior symptomatic atrial fibrillation or flutter, 5/95-5/96, Berlex, Co-Investigator

Comparison of empiric antitachycardia pacing and shock therapy to shock-only therapy in AVID Patients: a substudy of a controlled trial of implantable cardiac defibrillators versus medical antiarrhythmic drug therapy, 5/95-12/97, AVID Clinical Trial Center, Principal Investigator

An open label clinical trial to assess the long-term safety of azimilide in patients with atrial fibrillation/flutter and/or paroxysmal supraventricular tachycardia, 7/95-3/97, Proctor and Gamble Pharmaceuticals, Inc., Principal Investigator

Follow-up patients with unexplained syncope, structural heart disease and inducible ventricular tachycardia: an ancillary study of the AVID Study, 7/95-12/97, AVID Clinical Trial Center, Co-Investigator

A double-blind placebo-controlled, parallel design clinical trial to assess the safety and efficacy of 100 mg of azimilide for the prophylactic treatment of symptomatic atrial fibrillation/flutter and/or symptomatic paroxysmal supraventricular tachycardia, 8/95-7/96, Proctor & Gamble, Co-Investigator

Evaluation of the safety of the EP Technologies peanut tip electrode catheter & evaluation of the incidence of coagulum formation in temperature control radiofrequency ablation (EPT Study), 8/95-8/96, EP Technologies, Co-Investigator

A randomized, double-blind, parallel, placebo-controlled evaluation of orally administered dofetilide in subjects with symptomatic paroxysmal atrial fibrillation or flutter, 5/96-1/97, Duke Clinical Research Institute, Co-Investigator

Atrial Fibrillation Follow-Up Investigation of Rhythm Management (AFFIRM), 7/96-4/02, NHLBI, Principal Investigator

Model 6943 RV Lead Investigational Plan, 8/96-7/97, Medtronic, Inc., Principal Investigator

Model 6945 RV Lead Investigational Plan, 8/96-12/98, Medtronic, Inc., Principal Investigator

Bradyarrhythmias after human orthotopic heart transplantation: is endogenous adenosine the cause? 11/96-12/97, DSR, Co-Investigator

Rythmol in the prevention of symptomatic recurrences of atrial fibrillation (RAFT), 11/97-12/99, Solvay Pharmaceuticals, Co-Investigator

Primary implant of cardioverter defibrillator in high risk ventricular arrhythmias (PRIDE), 12/97-12/99, NHLBI, Co-Investigator

Mode Selection Trial (MOST), 12/97-12/01, NHLBI, Co-Investigator

Patient Alert Study, 1/98-12/98, Sulzer Intermedics, Inc., Co-Investigator

The CABG Patch Trial Electrophysiologic Substudy, 1/98-1/99, NHLBI, Co-Investigator

Differential effects of adenosine on AV nodal conduction, 1998-1999, American Heart Association, Sponsor

Medtronic 7250 Study (ICD implantation for atrial/ventricular fibrillation), 7/98-12/99, Medtronic, Inc., Co-Investigator

VENTAK CHF AICD Biventricular Pacing Study Consisting of Model 1822 CPI VENTAK CHF Automatic Implantable Cardioverter Defibrillator (AICD) with Model 2848 Software Application, 9/98-1/00, Guidant Corp., Principal Investigator

Multicenter InSync Randomized Clinical Evaluation (MIRACLE) Trial: Biventricular Pacing in Congestive Heart Failure, 10/98-12/01, Medtronic, Inc., Principal Investigator

Double-blind, randomized placebo-controlled study to evaluate the efficacy and safety of tedisamil in the maintenance of sinus rhythm following cardioversion in patients with chronic persistent atrial fibrillation, 12/98-12/99, Solvay Pharmaceuticals, Co-Investigator

Double-blind, randomized placebo-controlled study to evaluate the efficacy and safety of intravenous tedisamil in the conversion of rapid atrial fibrillation or flutter, 12/98-12/99, Solvay Pharmaceuticals, Co-Investigator

Double-Blind, Randomized, Placebo-Controlled Study to Assess the Effects of a Single Intravenous Dose of HMR1098A on Defibrillation Threshold (DFT) in Patients with an Implantable Cardioverter Defibrillator (ICD) Undergoing DFT Testing, 9/99-2/02, Hoechst Marion Roussel, Inc., Co-Investigator

The Efficacy of the Cardioversion and Defibrillation Function of the Rhythm Catheter as Well as the Safety of the Catheter in the EP Laboratory, 11/99-11/01, Rhythm Technologies, Inc., Principal Investigator

Comparison of Dual- and Single-Chamber Therapy Responsiveness Using the Guidant Ventak AICD Family, 11/99-3/02, Guidant Corp., Co-Investigator

An Open-Label, Dose Escalation Study of CVT-510 in Patients with Paroxysmal Supraventricular Tachycardia Undergoing Electrophysiologic Study (CVT 510), 12/99-4/01, Cardiovascular Therapeutics, Principal Investigator

A Double-Blind Comparison of the Incidence of Hypotension with Two Formulations of Intravenous Amiodarone: Cordarone IV versus Amiodarone Aqueous IV Injection, 4/00-10/01, Wyeth-Ayerst, Co-Investigator

Long Term Tolerability and Efficacy Estimation Study of Dronaderone in Patients with an Implantable Cardioverter Defibrillator, 6/00-7/01, Sanofi/Synthelabo, Co-Investigator

A Multi-Center, Double-Blind, Randomized, Placebo-Controlled, Sequential Ascending Dose Groups Study to Evaluate the Efficacy and Safety of IV Tedisamil in the Rapid Conversion to Normal Sinus Rhythm in Patients with Atrial Fibrillation or Flutter, 7/00-7/02, Solvay Pharmaceuticals, Co-Investigator

Assessing Syncope Using Reveal (ASSURE), 12/00-2/01, Outcome Sciences, LLC, Co-Investigator

A Study of CVT-510 Administered as a Bolus Loading Dose and Titratable Infusion in Patients with Rapid Atrial Fibrillation or Flutter (CVT 4123), 1/01-7/02, CV Therapeutics, Inc., Co-Investigator

A Randomized, Open-Label, Dose-Escalation Electrophysiologic Study of Intravenous Bolus Dose of DTI-0009 on AV Nodal Function, 2/01-11/01, Fujisawa Healthcare, Inc., Co-Investigator

Contak CD/Easytrak Continued Access Study, 5/00-3/03, Guidant Corp., Site Investigator

Advanced Elements of Pacing Trial (ADEPT), 9/00-1/02 (in follow-up only), Medtronic, Inc., Co-Investigator

A Randomized, Double-Blind, Placebo-Controlled Study of Intravenous CVT-510 in Patients with PSVT Undergoing an Electrophysiologic Study (CVT 4131), CV Therapeutics, Inc., 6/01-1/03, Site Principal Investigator

A Dose-Response Study of CVT-510 in Patients with Rapid Atrial Fibrillation or Flutter (CVT 4127), 1/02-1/03, CV Therapeutics, Inc., Site Principal Investigator

The Influence of Estrogen and Progesterone on Cardiac Electrophysiology and Inducibility of Paroxysmal Supraventricular Tachycardia, 7/01-6/03, Chest Foundation, Sponsor

Sudden Cardiac Death in Heart Failure (SCD-HeFT) Trial, 06/97-12/03, Duke University, Site Principal Investigator

Triggers of Ventricular Arrhythmias (TOVA), 5/00-8/03, NHLBI, Co-Investigator

Contak CD/Easytrak Post-Approval Study, 8/02-3/03, Guidant, Inc., Site Principal Investigator

Effects of Shock Strength on Cardiac Function in the Cardioversion of Atrial Fibrillation, 11/00-12/03, Zoll Medical, Co- Investigator

Evaluation of Patients Implanted with an Atrial Synchronous Biventricular Pacing Device for Cardiac Resynchronization (InSync III), 7/01-1/04, Medtronic, Inc., Site Principal Investigator

Comparison of Medical Therapy, Pacing, and Defibrillation in Heart Failure (COMPANION) Trial, 4/00-3/04, Guidant Corp., Co-Investigator

Left Ventricular Based Cardiac Stimulation Post AV Node Ablation Evaluation (PAVE), 10/00-3/04, St. Jude Medical, Site Principal Investigator

Defibrillators in Non-Ischemic Cardiomyopathy Treatment Evaluation (DEFINITE), 6/01-5/04, St. Jude Medical, Inc., Co-Investigator

Left Atrial Mapping Protocol, 7/01-4/05, Endocardial Solutions, Inc., Co-Investigator

Genetic Factors Influencing the Development and Outcome of Cardiovascular Diseases, 9/99-4/05, American Heart Association, Co-Investigator

Prognostic Significance of T Wave Alternans, 9/01-4/05, Columbia Presbyterian Medical Center, Site Principal Investigator

Comparing Patient Acceptance and Quality of Life in Implantable Cardioverter Defibrillator and Implantable Atrioverter Defibrillator Recipients, 5/01-4/05, Perry A. Foote Program in Health Outcomes and Pharmacoeconomics, Co-Investigator

InSync Post Market Registry Cardiac Resynchronization Therapy, 6/02-4/05, Medtronic, Inc., Site Principal Investigator

Ablation of Ventricular Tachycardia Using Radiofrequency Energy and a Saline Irrigated Electrode Catheter, the NAVISTAR THERMOCOOL Catheter, and a COOLFLOW Pump, in Conjunction with the STOCKERT 70 Radiofrequency Generator (NAVISTAR), 3/02-4/05, Biosense Webster, Inc., Co-Investigator

Health AFF Contak CD/Easytrak Post Approval Study, 8/02-4/05, Guidant, Inc., Site Principal Investigator

Health AFF Contak Renewal 3AVT, 1/04-4/05, Guidant, Co-Investigator

UF Cardiology Atrial Fibrillation Registry, 7/03-4/05, University of Florida, Principal Investigator

Predictors of Response to Cardiac Resynchronization Therapy (PROSPECT), 10/04-4/05, Medtronic, Co-Investigator

Antiarrhythmic Versus Implantable Defibrillator 2 (AVID 2), 02/04-02/05, Institute for Clinical Research, Co-Investigator

A Phase III Prospective, Randomized, Double-blind, Placebo-controlled, Multi-Center, Tolerance and Efficacy Study of RSD 1235 in Subjects with Atrial Fibrillation or Atrial Flutter. 11/04-4/05, Fujisawa, Site Investigator

The Role of Action Potential Duration in Regulating Contractility in the Human Heart, 8/03-8/05, NIH, Co-Investigator

Optimal Myocardial Electrical Synchronization (OMER), 1/04-1/06, Medtronic, Inc., Principal Investigator

Alternans Before Cardioverter Defibrillator (ABCD) Trial, 2/01-12/06, St. Jude Medical, Site Principal Investigator, Steering Committee

Pivotal Research in Cardiology in the Elderly (PRICE), 7/04-11/06, NIH, Co-investigator

Evaluation of the Safety and Efficacy of the Optimizer System with Active Fixation Leads in Subjects with Heart Failure Resulting from Systolic Dysfunction: Fix-HF-5, 4/05-6/07. Impulse Dynamics, Inc., Co-investigator

Analog versus Digital Testing for Defibrillator Implantations, 10/06-12/06, Medtronic, Inc., Principal Investigator

An Open-Label, Sequential-Group, Dose-Escalation Study to Evaluate the Safety, Pharmacokinetics, and Pharmacodynamics of Intravenous Tecadenoson Alone and in Combination with a Beta Blocker in Adults with Rapid Atrial Fibrillation or Flutter, CV Therapeutics, Inc., 2007, Co-investigator

Registry to Promote the Use of Evidence-Based Therapies to Care for Patients With Left Ventricular Systolic Heart Failure in the Outpatient Setting (IMPROVE-HF), 8/04-12/09, Medtronic, Inc., member of Scientific Steering Committee

Support for People Receiving Chemotherapy (Exercise/Stress Management study), 2009-2010, Co-investigator

A Phase 3b, Randomized, Double-Blind, Placebo Controlled, Parallel Group Study to Evaluate the Safety and Efficacy of Vernakalant Hydrochloride Injection in Patients with Recent Onset Symptomatic Atrial Fibrillation, 5/10-7/10, Astellas Pharma Global Development, Inc., Co-investigator, \$63,481.17

PROVIDE: Programming Implantable Cardioverter Defibrillators in Patients with Primary Prevention Indications to Prolong Time to First Shock, 6/09-7/10, St. Jude Medical, Inc., Site Investigator, \$92,097

Biventricular Versus Right Ventricular Pacing in Heart Failure Patients With Atrioventricular Block (BLOCK HF), 02/04-10/12, Medtronic, Study Principal Investigator, \$192,800.00

Current

Power of Bayesian Methods, Randomized Clinical Trials, and Decision Models to Inform CRT Uncertainties. Sanders G, PI. R01. 12/15/16-11/30/20. Role: member of Principal Investigator Governance Group

Atrial Fibrillation Screening Initiative, 7/1/17-12/31/17, Heart Rhythm Society, \$20,000, Principal Investigator

Pending

Imaging with COMpeting Technologies to Predict Arrhythmic Events (I-COMPARE). Fallavollita JA, Principal Investigator. Curtis AB Consultant for Arrhythmia Adjudication Panel. Submitted to NIH

Replacements Of Implantable Cardioverter Defibrillators Versus Observation in Older Patients Trial: RESOLVE Trial. Steering Committee for a pragmatic randomized clinical trial, submitted to PCORI

NATIONAL AND INTERNATIONAL SCIENTIFIC ACTIVITY:

1992-1998 CABG Patch Trial, Recruitment and Compliance Committee, Co-chairman
 1994-1998 AVID Trial, Data/Substudy/Ancillary Study Subcommittee
 1994 Mode Selection Trial in Sinus Node Dysfunction, Federal Consultant
 1994-1998 PAC-A-TACH Trial (Pacing and Tachycardia), Steering Committee
 1995-2004 Efficacy and Safety of Azimilide for Atrial Fibrillation, Morbidity and Mortality Events Committee
 1995-2002 MOST (Mode Selection Trial), Data and Safety Monitoring Board
 1996-2004 AFFIRM Trial, Authorship and Publication Subcommittee
 1997-2004 SCD-HeFT Trial, ICD Complication Committee
 1999-2004 Azithromycin Coronary Events Study (ACES), Data and Safety Monitoring Board
 1999-2002 Multicenter InSync Randomized Clinical Evaluation (MIRACLE) Trial, Events Committee
 2000-2007 Alternans Before Cardioverter Defibrillator (ABCD) Trial, Steering Committee
 2003 VA Merit Review Committee – ICD Clinical Trials
 2003-2011 InSync Registry Events Committee
 2004-present Improve-HF Steering Committee
 2005-2007 Clinical and Integrative Sciences Study Section, National Institutes of Health, temporary member
 2007-2012 Sarnoff Foundation, Board of Directors
 2007- Publications Committee, IMPROVE HF
 2008-2011 NIH Cardiovascular Sciences Study Section, SBIR, reviewer
 2009 NIH Center for Scientific Review Special Emphasis Panel, CV Sciences Small Business Activities
 2009- Catheter Ablation Versus Antiarrhythmic Drug Therapy for Atrial Fibrillation (CABANA) Trial, Data and Safety Monitoring Board
 2014- Data Monitoring Committee (DMC) for WRAP-IT: World-wide Randomized Antibiotic Envelope Infection Prevention Trial
 2016- Optisure Post Approval Study at St Jude Medical - Electrical Data Adjudication Committee (EDAC)

HEALTH POLICY AND EDUCATION:

1995 ACGME, Reviewer of electrophysiology training programs
 1995-1996 FDA Circulatory System Devices Panel, Consultant
 1995-present ACGME, Clinical Cardiac Electrophysiology Appeals Panel
 1996-1997 Circulatory System Devices Panel, Food and Drug Administration
 1997-2000 Chair, Circulatory System Devices Panel, Food and Drug Administration

2001	External Review Subcommittee of the Science Board, Food and Drug Administration
2002-2005	Medicare Coverage Advisory Committee, Center for Medicare and Medicaid Services
2012-	Get with the Guidelines Atrial Fibrillation Working Group, American Heart Association
2014-	American College of Cardiology, TEAM-A Practice Improvement Module (anticoagulation in patients with AF)

PROFESSIONAL MEMBERSHIPS:

Member	Sigma Xi, 1975
Fellow	American College of Cardiology, 1988
Member	American Heart Association Council on Clinical Cardiology, 1992
Member	North American Society of Pacing and Electrophysiology (now Heart Rhythm Society), 1989
Member	American Federation for Clinical Research, 1990
Fellow	American Heart Association, 2004
Member	Association of Professors of Cardiology, 2005
Fellow	Heart Rhythm Society, 2006

PROFESSIONAL SOCIETY COMMITTEES AND SERVICE:

1988-1994	American College of Cardiology (ACC), Electrophysiology/ECG Committee
1991-1992	ACC Electrophysiology Technical Advisory Panel
1993-1999	NASPE, Fellowship Training Program Directors Committee
1994-present	NASPE, Abstract grader
1995-present	AHA, Abstract grader
1995-2002	NASPExAM Committee, Electrophysiology Subcommittee
1995-1996	NASPE, Continuing Medical Education Committee
1996-present	ACC, Abstract grader
1996-1997	Florida Arrhythmia Society, Organizing Committee
1996-1998	Florida Arrhythmia Society, Chair, Membership Committee
1996-2002	AHA, Electrocardiography and Arrhythmia Committee
1996-2002	NASPE, Program Committee
1996-1999	American College of Cardiology, Electrocardiology Committee
1997-2005	NASPE Subcommittee on the NASPE Electrophysiology Review Course
1997-2008	NASPE, Board of Trustees
1998-2005	Chair, Clinical Electrophysiology Committee, American College of Cardiology
1998-2001	NASPE Ad Hoc Task Force to Examine Credentialing and Accreditation
1998-1999	Nominations and Awards Committee, NASPE
1998-2005	Organizer and President, North Florida Arrhythmia Society
1998-1999	Co-chair, NASPE Continuing Medical Education Committee
1998-1999	NASPE Continuing Medical Education Committee, Primary Care Subcommittee
1999	Scientific Committee, XIth World Symposium on Cardiac Pacing and Electrophysiology, Abstract Grader
1999-2002	Chair, NASPE Continuing Medical Education Committee
1999-2002	NASPE, Long Range Planning Committee

1999-2002 NASPE, Web Site Committee
 1999-2002 NASPE, Web Site Editorial Board
 2000-2002 Steering Committee, NASPE Web Site
 2000-2002 Women and Heart Disease Task Force, State of Florida
 2000-2002 NASPE, Committee on Health Policy
 2001-2002 NASPE, Practice Guidelines Subcommittee of the Committee on the Development of Position Statements
 2002 Co-Chair, NASPE Education Task Force
 2002 ACC, Electrophysiology Spotlight Session Planning Subcommittee
 2002-2003 Chair, NASPE Health Policy Committee
 2002 NASPE, ICD Implantation Training Task Force
 2002- NASPE, Finance Committee
 2002-2003 NASPE, Second Vice President
 2002-2004 NASPE, Twenty-Fifth Anniversary Task Force
 2002-2003 NASPE, International Positioning Task Force
 2002-2003 Co-Chair, NASPE Program Committee
 2003-2004 NASPE, First Vice President
 2003-2004 Chair, NASPE Program Committee
 2003-2005 AHA, Council on Clinical Cardiology Program Committee
 2003-2006 ACC, Cardiac Care Team Committee
 2003-2004 NASPE, ICD/Biventricular Pacing Competency Task Force
 2003-2004 NASPE/Heart Rhythm Society Relocation Task Force
 2004-2005 Heart Rhythm Society (formerly NASPE), President-Elect
 2004-2005 Chair, Heart Rhythm Society Marketing Committee
 2005-2006 European Heart Rhythm Association (EHRA), Advisory Board
 2005-2006 President, Heart Rhythm Society
 2005-2006 Chair, Heart Rhythm Society Executive Committee
 2005-2006 Member, HRS Annual Scientific Sessions Program Committee
 2005-2006 Member, HRS Committee on Health Policy
 2005-2006 ACCF Clinical Electrophysiology Committee
 2005-2006 Executive Committee, Heart Rhythm Foundation
 2005-2006 Executive Committee, National Forum on Heart Disease and Stroke Prevention
 2005-2008 American Board of Internal Medicine, Subspecialty Board on Cardiovascular Disease
 2005-2006 Coding Subcommittee, Heart Rhythm Society
 2006-2007 Co-Chair, Electrophysiology Spotlight Session, American College of Cardiology 56th Annual Scientific Sessions
 2006-2007 Member, Audit Committee, Heart Rhythm Society
 2006-2007 Chair, Governance Committee, Heart Rhythm Society
 2006-2007 Chair, Nominations Subcommittee, Heart Rhythm Society
 2006-2008 Chair, AF 360 Initiative, Heart Rhythm Society
 2007 European Society of Cardiology, Abstract grader, 2007 Heart Failure Congress, Berlin
 2007-present Chair, Women's Leadership Initiative, Heart Rhythm Society
 2007 Chair, Awards Subcommittee, Heart Rhythm Society
 2007-2008 Chair, President's Council, Heart Rhythm Society
 2007-2008 Chair, Audit Committee, Heart Rhythm Society
 2008-2009 Member, Heart Rhythm Society Task Force on Lead Performance

	Recommendations
2008-2009	Executive Leadership Committee, Go Red for Heart, American Heart Association, Tampa-St. Petersburg
2008	Great Explorations Advisory Panel, St. Petersburg, FL
2009-2011	Member, Heart Rhythm Society, Governance Committee
2009-2011	Member, Heart Rhythm Society Awards Subcommittee
2009-	Advisory Committee for the ACCF CME Educational Initiative, "A New ERA: Evidenced-based Stroke Prevention in Atrial Fibrillation"
2009-2011	CardioSurve Research Panel, American College of Cardiology
2010-2012	Chair, Ethics Committee, Heart Rhythm Society
2010-2011	Relationships with Industry Task Force, Heart Rhythm Society
2010-2013	Council on Academic Cardiology, American College of Cardiology
2011-2012	Co-Chair, ACC New Era for Atrial Fibrillation Advisory Board
2012-2014	Chair, Journal Subcommittee, Heart Rhythm Society
2012-2014	Member, Communications Committee, Heart Rhythm Society
2012-2013	Chair, Editor-in-Chief Search Committee, Heart Rhythm Society
2012-2014	Buffalo Niagara Regional Board, American Heart Association
2012-present	Board of Directors, Clinical Research Forum
2013-	Chair, TEAM Initiative (The Evolution of Anticoagulation Management) for the ACC Foundation
2013-2018	Association of Professors of Medicine (APM) representative to AAMC Council of Faculty and Academic Societies (CFAS)
2014	Financial Viability Task Force, Heart Rhythm Society
2014	Nominating Committee, Clinical Research Forum
2015-2016	Vice President, Cardiac Electrophysiology Society
2015-2017	HRS Nominations Subcommittee
2015-	Co-chair, Women in EP Community
2015	HRS Electrophysiology Board Certification Task Force
2016-2017	Vice President, Association of University Cardiologists
2016-	ACC/AHA representative on the ACC/AHA/HRS Guideline for 2016-Management of Patients With Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death (VA/SCD) Guideline Writing Committee
2016-2017	President, Cardiac Electrophysiology Society
2016-2018	Maintenance of Certification Working Group, Heart Rhythm Society, chair
2017-2018	President, Association of University Cardiologists
2017-	Council on Faculty Practice, American Association of Medical Colleges

INTERNATIONAL SCIENTIFIC MEETING ADVISORY BOARDS:

10/2005	Venice Arrhythmias 2005, Venice, Italy
12/2007	XIIIth World Congress on Cardiac Pacing and Electrophysiology, Rome, Italy
2007-2008	Member, Scientific Advisory Board of the International Academy of Cardiology
2007-2008	Member, Scientific Advisory Board of the 14th World Congress on Heart Disease, Toronto, Canada

2009-2010 Member, Scientific Advisory Board of the 15th World Congress on Heart Disease, Vancouver, Canada
2010- Scientific Executive Committee of the International Academy of Cardiology and the World Congress on Heart Disease

MANUSCRIPT REVIEWER:

Circulation
Journal of the American College of Cardiology (elite reviewer 2009, 2010, 2016)
New England Journal of Medicine
American Journal of Medicine
Journal of Interventional Cardiology
Psychosomatic Medicine
Journal of the American Medical Association
Europace
Journal of Atrial Fibrillation
Lancet
Annals of Internal Medicine
European Society of Cardiology, abstract grader, 2016-

EDITORIAL BOARDS:

Pacing and Clinical Electrophysiology
Journal of Interventional Cardiac Electrophysiology
Clinical Cardiology
Cardiac Arrhythmias: Index and Reviews
Journal of Cardiovascular Electrophysiology
Journal of the American College of Cardiology (elite reviewer 2010, 2017)
Advisory Panel, US Cardiology, 2005-2006
Heart Rhythm 2005-2006; 2015-
Journal of Interventional Cardiac Electrophysiology, Associate Editor, Multimedia and Defibrillation, 2007-2008
Circulation: Arrhythmias and Electrophysiology, Associate Editor, 2008-2017
Circulation: Arrhythmias and Electrophysiology, editorial board, 2017-2019
American Heart Journal, 2009-; guest editor 2012-
Journal of Innovations in Cardiac Rhythm Management, 2015-
Journal of the American College of Cardiology, associate editor, 2017-2018

TEACHING EXPERIENCE:

1986-2005 Attending Physician, Adult Cardiac Electrophysiology Laboratory, UF
1986-2005 Attending Physician, Adult Cardiac Electrophysiology Service, UF
1987-2005 Instructor, Pharmacologic Management of Arrhythmias
1986-1998 Attending Physician, CCU
1986-2005 Attending Physician, consult service
1986-2005 Attending Physician, Veterans Administration Hospital, Electrophysiology Service
1992-2005 Training Program Director, Clinical Cardiac Electrophysiology Fellowship Training

	Program, UF
1992-2005	Electrophysiology training program lecture series, UF, director
1993	Instructor, "Introduction to Clinical Medicine: Arrhythmias"
1993	Medical Student Lecture, "Introduction to Clinical Medicine: Clinical Correlation," Gainesville, FL
2002-2004	Medical Student Teaching, "ECGs for Cardiovascular Physiology"
2005-2009	Physical Diagnosis II
2005-2009	Training Program Director, Cardiovascular Disease Fellowship Program, USF
2006-2010	Electrophysiology training program lecture series
2010-	Second Year Medical Students Workshop: Arrhythmia Unknowns
2013	Medical Scientist Training Program Lecture: Case Study: CCU Admission

INVITED LECTURES AND CHAIRED SESSIONS AT SCIENTIFIC MEETINGS (Since 1993):

- 3/93 American College of Cardiology Annual Scientific Sessions, "The Asymptomatic Patient with a History of Recurrent Supraventricular Arrhythmias"
- 10/93 American College of Chest Physicians, "What Every Physician Should Know About the Management of Supraventricular Tachycardias"
- 10/93 American College of Chest Physicians, "Managing Arrhythmias (Supraventricular and Ventricular) in Patients With Acute Ischemic Syndromes"
- 3/94 American College of Cardiology 43rd Annual Scientific Sessions, "Ventricular Arrhythmias," Moderator
- 5/94 Fifth International Symposium on Adenosine and Adenine Nucleotides, "Endogenous Adenosine Terminates Supraventricular Tachycardia by Modulating Atrioventricular Nodal Conduction"
- 5/94 International Arrhythmia Ablation Conference, Charlotte, NC, "Laser Ablation"
- 5/94 NASPE 15th Annual Scientific Sessions, "Carotid Sinus Hypersensitivity"
- 12/94 Cardiovascular Science and Technology Conference, "A Combined Laser-Electrode Catheter for Modification of Atrio-Ventricular Conduction"
- 3/95 American College of Cardiology 44th Annual Scientific Sessions, "Radiofrequency Ablation," Moderator
- 5/95 NASPE 16th Annual Scientific Sessions, Boston, MA, "Uses of stored pacemaker data: ECG, battery and rate response information"
- 3/96 American College of Cardiology 45th Annual Scientific Session, Orlando, FL, Fireside Panel - 516, "Management of Atrial Fibrillation"

- 3/96 American College of Cardiology 45th Annual Scientific Sessions, Orlando, FL, "Atrial Fibrillation," Panelist
- 5/96 NASPE 17th Annual Scientific Sessions, Seattle, WA, Faculty, Core Curriculum, "Tachyarrhythmias and Driving"
- 5/96 NASPE 17th Annual Scientific Sessions, Seattle, WA, Chair, Clinical Tutorial "Pacemaker Follow-Up"
- 11/96 AHA 69th Scientific Sessions, New Orleans, LA, "Nonpharmacologic Therapy: Atrial Fibrillation and Flutter"
- 11/96 AHA 69th Scientific Sessions, New Orleans, LA, Moderator, "Clinical Aspects of Atrial Fibrillation"
- 3/97 ACC 46th Annual Scientific Sessions, Anaheim, CA, "Clinical Electrophysiology: Mapping Techniques," Co-Chair
- 3/97 ACC 46th Annual Scientific Sessions, Anaheim, CA, "Catheter Ablation for Cardiac Arrhythmias," Co-Chair
- 5/97 NASPE 18th Annual Scientific Sessions, New Orleans, LA, "Environmental, Occupational and Driving Considerations," Faculty
- 5/97 NASPE 18th Annual Scientific Sessions, New Orleans, LA, "Management of Postoperative Arrhythmias," Chair
- 11/97 AHA 70th Scientific Sessions, Orlando, FL, "Ventricular Tachycardia – Risk Assessment," Co-Chair
- 5/98 NASPE 19th Annual Scientific Sessions, San Diego, CA, "A Systematic Approach to the Diagnosis of Supraventricular Tachycardia by Electrophysiologic Study," Chair
- 5/98 NASPE 19th Annual Scientific Sessions, San Diego, CA, "Setting Up an Electrophysiology Laboratory: Equipment Considerations"
- 5/98 6th International Symposium on Adenosine and Adenine Nucleotides, Ferrara, Italy, "Differential effect of adenosine on fast and slow AV nodal pathways in patients with AV nodal reentrant tachycardia"
- 6/98 Cardiostim 11th International Congress, Nice, France, "Pacing and Prevention of Atrial Fibrillation," Co-Chair
- 6/98 Cardiostim 11th International Congress, Nice, France, "Dual Chamber Defibrillators I," Co-Chair
- 5/99 NASPE 20th Annual Scientific Sessions, Toronto, Canada, "Electrophysiologic Characteristics of the Slow AV Nodal Pathway and Accessory AV Connections with Decremental Conduction"

- 5/99 NASPE 20th Annual Scientific Sessions, Toronto, Canada, “Arrhythmia Unknowns: Deduction of Mechanism during Electrophysiologic Testing,” Chair
- 11/99 AHA 72nd Scientific Sessions, Atlanta, GA, “Innovations in Catheter-Based Therapies for Cardiac Arrhythmias,” Co-Chair
- 3/00 ACC 49th Annual Scientific Sessions, Anaheim, CA, Symposium: Therapy with Implantable Cardioverter Defibrillators, “ICD Therapy in Survivors of Ventricular Tachycardia and Cardiac Arrest”
- 3/00 ACC 49th Annual Scientific Sessions, Anaheim, CA, Joint Symposium: Association of Black Cardiologists/American College of Cardiology—Ethnic and Gender Disparities in Cardiovascular Mortality...The Scientific Basis, Mechanisms, and Strategies for Closing the Gap in the New Millennium, “Arrhythmogenesis and Sudden Cardiac Death”
- 5/00 NASPE 21st Annual Scientific Sessions, Washington, DC, “Gender Differences in Cardiac Arrhythmias,” Chair
- 5/00 NASPE 21st Annual Scientific Sessions, Washington, DC, Core Curriculum: Gender Differences in Cardiac Arrhythmias, “Gender Differences in Supraventricular Tachycardia”
- 5/00 NASPE 21st Annual Scientific Sessions, Washington, DC, Controversies in Catheter Ablation: “AV Junction Ablation is No Longer Appropriate for Treatment of Idiopathic Atrial Fibrillation,” Chair
- 9/00 Fourth Annual Scientific Meeting, Heart Failure Society of America, Boca Raton, FL, “Cardiac Resynchronization: An Evidence-Based Clinical Review”
- 11/00 AHA 73rd Scientific Sessions, New Orleans, LA, “Arrhythmias and Pregnancy”
- 3/01 ACC 50th Annual Scientific Sessions, Orlando, FL, Women in Cardiology Summit, “Addressing the Cardiovascular Needs of Women as Patients and Providers in Electrophysiology”
- 3/01 ACC 50th Annual Scientific Sessions, Orlando, FL, “Atrial Fibrillation: Natural History, Thromboembolism and Pathophysiology,” Co-chair
- 3/01 ACC 50th Annual Scientific Sessions, Orlando, FL, Symposium: “Defibrillation: Theory and Practice,” Co-chair
- 5/01 NASPE 22nd Annual Scientific Sessions, Boston, MA, “Catheter Ablation and Modification of AV Node,” Chair
- 5/01 NASPE 22nd Annual Scientific Sessions, Boston, MA, Update of Clinical Trials, Co-Chair

- 11/01 AHA 74th Scientific Sessions, Anaheim, CA, “Featured Research: Heritable Arrhythmia Disorders”
- 3/02 ACC 51st Annual Scientific Sessions, Atlanta, GA, Symposium: “Gender and Cardiac Arrhythmias,” Co-chair
- 3/02 ACC 51st Annual Scientific Sessions, Atlanta, GA, “Gender Differences in Arrhythmia Management”
- 3/02 ACC 51st Annual Scientific Sessions, Atlanta, GA, “Rhythm Disturbances: Which are More Common and Why?”
- 3/02 ACC 51st Annual Scientific Sessions, Atlanta, GA, “Prevention and Treatment of Atrial Fibrillation,” Moderator
- 5/02 NASPE 23rd Annual Scientific Sessions, San Diego, CA, “Use of Ambulatory Recordings for Diagnosis and Management of Pacemaker Problems”
- 5/02 NASPE 23rd Annual Scientific Sessions, San Diego, CA, “Antiarrhythmic Drug Therapy During Pregnancy,” Chair
- 5/02 NASPE 23rd Annual Scientific Sessions, San Diego, CA, “Is Cardiac Resynchronization Therapy Effective in Patients on Beta Blockers?”
- 5/02 NASPE 23rd Annual Scientific Sessions, San Diego, CA, “Catheter Ablation IV: Techniques and Outcomes,” Co-Chair
- 5/02 NASPE 23rd Annual Scientific Sessions, San Diego, CA, Overview Session: Highlights of the NASPE 23rd Annual Scientific Sessions, “Pharmacology”
- 11/02 AHA 75th Scientific Sessions, Chicago, IL, “Catheter Ablation: Newer Methods”
- 3/03 52nd Annual Scientific Sessions of the American College of Cardiology, Chicago, IL, “Resynchronization Therapy: Where are We in 2003?” Co-Chair
- 3/03 52nd Annual Scientific Sessions of the American College of Cardiology, Chicago, IL, “New Directions in Atrial Fibrillation Treatment,” Moderator
- 3/03 52nd Annual Scientific Sessions of the American College of Cardiology, Chicago, IL, “Economic Impact of New Device Indications”
- 5/03 NASPE 24th Annual Scientific Sessions, Washington, DC, “Correct CPT Coding for Device Implantation and Electrophysiology Procedures,” Chair
- 5/03 NASPE 24th Annual Scientific Sessions, Washington, DC, “CPT Codes: The Process for Approval and the Use of Newly Approved Codes in Clinical Practice”
- 5/03 NASPE 24th Annual Scientific Sessions, Washington, DC, “Overview Session: Highlights of the NASPE 24th Annual Scientific Sessions,” Co-Chair

- 10/03 FCACC 17th Annual Meeting, Lake Buena Vista, FL, “Changing Indications for ICDs: The MADIT and MADIT II trials”
- 2/04 Cardiology at Cancun 2004, Cancun, Mexico, “Biventricular Pacing – Who Benefits?”
- 2/04 Cardiology at Cancun 2004, Cancun, Mexico, “Who needs an ICD and can we pay for them all?”
- 3/04 ACC 53rd Annual Scientific Sessions, New Orleans, LA, “Rate Control without rhythm control is recommended in patients with atrial fibrillation – opening arguments/rebuttal protagonist.”
- 3/04 ACC 53rd Annual Scientific Sessions, New Orleans, LA, “Innovation to Implementation: Anticoagulants and Atrial Fibrillation,” Program Chair
- 3/04 ACC 53rd Annual Scientific Sessions, New Orleans, LA, “Matching the Pacing or Implantable cardioverter Defibrillator Device to the patient,” Chair
- 5/04 NASPE/Heart Rhythm Society 25th Annual Scientific Sessions, San Francisco, CA, Program Chair
- 5/04 NASPE/Heart Rhythm Society 25th Annual Scientific Sessions, San Francisco, CA, “Gender Differences in Cardiac Arrhythmias”
- 5/04 NASPE/Heart Rhythm Society 25th Annual Scientific Sessions, San Francisco, CA, “Understanding Reimbursement for CRT and MADIT II Devices: From APCs to DRGs,” Chair
- 5/04 NASPE/Heart Rhythm Society 25th Annual Scientific Sessions, San Francisco, CA, “Interdisciplinary Approach to Heart Failure Management,” Panel Participant
- 5/04 NASPE/Heart Rhythm Society 25th Annual Scientific Sessions, San Francisco, CA, “Overview Session: Highlights of HEART RHYTHM 2004,” Co-Chair
- 5/04 NASPE/Heart Rhythm Society 25th Annual Scientific Sessions, San Francisco, CA, Plenary Session: “Shaping the Future: Gene-and Cell-Based Therapies for Rhythm Disorders,” Co-Chair
- 9/04 8th Annual Scientific Meeting of the Heart Failure Society of America, Satellite Symposium, Toronto, Canada, “The Role of Resynchronization Therapy in Patients with Heart Failure,” Chair
- 11/04 AHA 2004 Scientific Sessions, New Orleans. “Electrophysiology 2004: Evolving therapies for the Management of Cardiac Arrhythmias – Case Presentations,” Moderator

- 11/04 AHA 2004 Scientific Sessions, New Orleans. Medtronic “Overview of Current Therapies and ACC/AHA/HRS Guidelines for EP Fellows, Non-EP Fellows and Practitioners beyond Fellowship” Panel member
- 11/04 XI International Symposium on Progress in Clinical Pacing, Rome, Italy. “Diagnostic Benefits by Implantable Devices,” Co-Chair
- 11/04 XI International Symposium on Progress in Clinical Pacing, Rome, Italy. “International Guidelines and Their Actual Application in Clinical Practice,” Co-Chair.
- 02/05 Cardiology Colloquium 2005. Sudden Cardiac Death, Dayton, OH. “Prophylactic Defibrillators for Prevention of Sudden Cardiac Death”
- 02/05 Second International Conference on Women, Heart Disease, and Stroke, Orlando, FL, Moderator
- 02/05 Second International Conference on Women, Heart Disease, and Stroke, Orlando, FL. “Improved Survival Among Women with AV Node Ablation and Atrial Fibrillation Participating in the Left Ventricular-Based Cardiac Stimulation Post AV Node Evaluation (PAVE) Study”
- 04/05 1st Annual Congress of the European Cardiac Arrhythmia Society, Marseille, France. “Non-endocardial Implantable Cardioverter Defibrillators: A promise for tomorrow”
- 05/05 Heart Rhythm Society 26th Annual Scientific Sessions, New Orleans, LA, “Mending Broken Hearts: Sudden Cardiac Death,” Co-chair
- 05/05 Heart Rhythm Society 26th Annual Scientific Sessions, New Orleans, LA, “Monitoring Paroxysmal Atrial Fibrillation,” Co-chair
- 05/05 Heart Rhythm Society 26th Annual Scientific Sessions, New Orleans, LA, “Cardiac Resynchronization Therapy 2010”
- 06/05 Europace 2005, Prague, CZ, IKEM Live Transmission, “Catheter Ablation of Atrial Fibrillation Guided by Intracardiac Echocardiography,” and “Left Ventricular lead Implant in Heart Failure Patient,” Co-chair
- 10/05 Venice Arrhythmias 2005, Venice, Italy, “Out-of-Hospital Cardiac Arrest and Public Access Defibrillation,” Co-chair
- 10/05 Venice Arrhythmias 2005, Venice, Italy, “How Important Is It to Preserve Spontaneous AV Conduction in Patients with DDD Pacemakers and Sick Sinus Syndrome?”
- 11/05 AHA Annual Scientific Sessions, Dallas TX, Heart Disease in Women Symposium, “Sex-Based Differences in Biventricular Pacing/ICD Use and Effectiveness”
- 3/06 12th Annual Scientific Sessions of the Society of Geriatric Cardiology, Atlanta, GA,

- “Interventions Such as ICDs Should Not be Used in the Elderly” (Debate: Antagonist)
- 3/06 21st Annual Heartbeat International Pacemaker Workshop, Atlanta, GA, “Review of Recent HRS Policy Conference on Device Advisories”
- 3/06 ACC 55th Annual Scientific Sessions, Atlanta, GA, Joint Mini-Course: Society of Geriatric Cardiology/American College of Cardiology, “Mechanisms of Arrhythmias in the Elderly Heart”
- 3/06 ACC 55th Annual Scientific Sessions, Atlanta, GA, “Should All Defibrillators Be Implanted by Electrophysiologists?” (Debate: Antagonist)
- 05/06 Heart Rhythm Society 27th Annual Scientific Sessions, Boston, MA, “Health Policy Town Hall on Post-Market Surveillance,” Co-Chair
- 05/06 Heart Rhythm Society 27th Annual Scientific Sessions, Boston, MA, “Meet the Experts: HRS-Industry Dialogue,” Chair
- 06/06 Cardiostim 15th International Congress, Nice, France, “Do the Official Guidelines for CRT Need to be Modified?”
- 06/06 Cardiostim15th International Congress, Nice, France, “What is the Controversy about DFT Testing?”
- 06/06 Cardiostim15th International Congress, Nice, France, “Extension of Indications for CRT I,” Co-Chair
- 06/06 Cardiostim15th International Congress, Nice, France, “Extension of Indications for CRT II,” Co-Chair
- 09/06 World Congress of Cardiology, Barcelona, Spain, “Rhythm Device Recalls: Time for Clarification,” Co-chair
- 11/06 Pivotal Research in Cardiology in the Elderly IV: Electrophysiology and Heart Rhythm Disorders in the Elderly: Mechanisms and Management, Chicago, IL, Co-Chair
- 11/06 American Heart Association Annual Scientific Sessions, Chicago, IL, “New Concepts in CRT/ICD Therapies”
- 3/07 American College of Cardiology 56th Annual Scientific Sessions, New Orleans, LA, “Intracardiac Leads: How to Implant Them and When to Take Them Out,” Co-Chair.
- 3/07 American College of Cardiology 56th Annual Scientific Sessions, New Orleans, LA, “Cardiac Rhythm Devices: Regulatory Issues,” Panelist
- 5/07 Heart Rhythm Society 28th Annual Scientific Sessions, Denver, CO, “AF in the Elderly: Mechanisms and Management,” Co-chair

- 5/07 Heart Rhythm Society 28th Annual Scientific Sessions, Denver, CO, “Experts Unplugged,” Chair
- 5/07 Heart Rhythm Society 28th Annual Scientific Sessions, Denver, CO, “Innovations in Arrhythmia Health Care,” Expert Moderator
- 5/07 Heart Rhythm Society 28th Annual Scientific Sessions, Denver, CO, “Integrating Remote Monitoring into Your Practice,” Panelist
- 11/07 American Heart Association Annual Scientific Sessions, Orlando FL, “Troubleshooting ICD Tracings”
- 11/07 American Heart Association Annual Scientific Sessions, Orlando FL, “EP Devices: Tough Cases,” Moderator
- 3/08 American College of Cardiology 57th Annual Scientific Sessions, Chicago, IL, “Importance of Basic Mechanisms for Managing Arrhythmias in the Elderly,” Co-Chair
- 3/08 American College of Cardiology 57th Annual Scientific Sessions, Chicago, IL, “Gender Differences in Arrhythmias,” Co-Chair
- 5/08 Heart Rhythm Society 29th Annual Scientific Sessions, San Francisco, CA, “Debate: Aspirin is Appropriate Anti-Thrombotic Therapy for a 70-year old Man with Hypertension and Atrial Fibrillation,” Moderator
- 5/08 Heart Rhythm Society 29th Annual Scientific Sessions, San Francisco, CA, “Debate: The Value Proposition of ICD therapy Should Be Based Only on Mortality and Not on Age, Genetics, Disease Process or Other Criteria,” Moderator
- 7/08 14th World Congress on Heart Disease, Toronto, CA, “ACE Inhibitors, Statins, ARBs: Do They Really Prevent Atrial Fibrillation?”
- 7/08 14th World Congress on Heart Disease, Toronto, CA, “Management of Atrial Fibrillation and Atrial Flutter,” Co-Chair
- 3/09 HRS AF Symposium: Expert Perspectives on Managing Atrial Fibrillation: Update on the Essentials, Orlando, FL, “Antiarrhythmic Drugs: Appropriate Selection and Endpoints”
- 5/09 Heart Rhythm Society 30th Annual Scientific Sessions, Boston, MA, “Building an Academic Career in Electrophysiology”
- 5/09 Heart Rhythm Society 30th Annual Scientific Sessions, Boston, MA, HRS Recommendations on Lead Performance Policies and Guidelines, “Regulatory and Pre-market Considerations”
- 5/09 Heart Rhythm Society 30th Annual Scientific Sessions, Boston, MA, “Uncommon

- Tachycardia Mechanisms - EP Evaluation,” Chair
- 5/09 Heart Rhythm Society 30th Annual Scientific Sessions, Boston, MA, “The Hemodynamic Response to CRT: Role of RV and LV Pacing Site(s)”
 - 9/09 2009 China National Heart Failure Forum, Xi’an, China, “Current Status of Cardiac Resynchronization Therapy for Heart Failure: Practice Guidelines and Findings from IMPROVE HF”
 - 11/09 American Heart Association Annual Scientific Sessions, Orlando FL, “Ventricular Arrhythmias for the Clinician,” Moderator
 - 11/09 American Heart Association Annual Scientific Sessions, Orlando FL, “ICD and Pacer Lead Extraction: What the Clinician Needs to Know,” Panelist
 - 3/10 American College of Cardiology 59th Annual Scientific Sessions, Atlanta, GA, “Increasing Your Patient’s Activity Level without Increasing Your Liability: Driving after Syncope or ICD Placement: What the Law and the Journals Say”
 - 3/10 American College of Cardiology Council on Cardiovascular Care for Older Adults, Atlanta, GA: “ICD/CRT Therapy in an Octogenarian”
 - 5/10 Heart Rhythm Society 31th Annual Scientific Sessions, Denver, CO, “Economic Considerations Related to ICD Recalls”
 - 5/10 Heart Rhythm Society 31th Annual Scientific Sessions, Denver, CO, “Syncope: Diagnosis and Management,” Quality Commentator
 - 5/10 Heart Rhythm Society 31th Annual Scientific Sessions, Denver, CO, “Role of Antiarrhythmic Drugs Early and Late after AF Ablation”
 - 5/10 Heart Rhythm Society 31th Annual Scientific Sessions, Denver, CO, “Demographic Factors Influencing Atrial Fibrillation Management and Outcomes,” Commentator
 - 5/10 Heart Rhythm Society 31th Annual Scientific Sessions, Denver, CO, “The Great Balancing Act - Succeeding at Work and Life: Building a Family: If and When”
 - 7/10 15th World Congress on Heart Disease, Vancouver, CA. “Performance Improvement for Implantable Device Therapy in the Outpatient Setting: The Registry to Improve Heart Failure Therapies in the Outpatient Setting (IMPROVE HF),” Invited lecture
 - 4/11 24th Annual Scientific Sessions: From Intervention to Prevention, Association of Black Cardiologists, New Orleans, LA, “State of the Art Management of Atrial Fibrillation”
 - 5/11 Heart Rhythm Society 32nd Annual Scientific Sessions, San Francisco, CA, “AF Guidelines Update: ACC/AHA/HRS Perspective”
 - 5/11 Heart Rhythm Society 32nd Annual Scientific Sessions, San Francisco, CA, “Trends Among the Gender Divide: What Women in EP Should Know,” Chair

- 5/11 Heart Rhythm Society 32nd Annual Scientific Sessions, San Francisco, CA, “HRS Women's Leadership Initiative – Planning a Successful Career in Electrophysiology: Options and Planning Ahead,” Chair
- 5/11 Heart Rhythm Society 32nd Annual Scientific Sessions, San Francisco, CA, “Developing the Framework for Effective Relationships with Industry”
- 3/12 American College of Cardiology 61st Annual Scientific Sessions, Chicago, IL, “Meet the Experts: Case-Oriented Gaps in the Guidelines: Who Should Get an ICD?” Panelist
- 3/12 American College of Cardiology 61st Annual Scientific Sessions, Chicago, IL, “Meet the Experts: AF and HF: A Dynamic Duo,” Panelist
- 5/12 Heart Rhythm Society 33rd Annual Scientific Sessions, Boston, MA, “Outcomes of ICD Therapy in Selected Populations,” Chair
- 5/12 Heart Rhythm Society 33rd Annual Scientific Sessions, Boston, MA, “Implanting an ICD: Considerations for Staying Within the Guidelines,” Co-Chair
- 5/12 Heart Rhythm Society 33rd Annual Scientific Sessions, Boston, MA, “The Internet and Patients: First or Worst Source of Information,” Chair
- 5/12 Heart Rhythm Society 33rd Annual Scientific Sessions, Boston, MA, “Women’s Leadership Initiative: Practicing Electrophysiology in 2011 and Beyond,” Chair
- 5/12 Heart Rhythm Society 33rd Annual Scientific Sessions, Boston, MA, “CRT is the Pacing Modality of Choice in Patients with Heart Block and Preserved LVEF,” Chair
- 7/12 International Academy of Cardiology 17th World Congress on Heart Disease, Toronto, CA, “Sudden Death and Novel Approaches to Arrhythmia Management,” Co-Chair
- 7/12 International Academy of Cardiology 17th World Congress on Heart Disease; Toronto, CA, “Is Cardiac Resynchronization Therapy Proarrhythmic?”
- 11/12 American Heart Association Annual Scientific Sessions, Los Angeles, CA, “Late-Breaking Clinical Trials: Management of LV Dysfunction: Devices and Drugs: Biventricular versus Right Ventricular Pacing in Patients with Left Ventricular Dysfunction and Atrioventricular Block (BLOCK HF Study)”
- 11/12 American Heart Association Annual Scientific Sessions, Los Angeles, CA, Joint American Heart Association/European Society of Cardiology Session: “Contemporary Management of Atrial Fibrillation,” moderator
- 3/13 American College of Cardiology 62nd Annual Scientific Sessions, San Francisco, CA, “Management of Asymptomatic Arrhythmias Noted on the ECG or Other Monitoring,” Panelist

- 3/13 American College of Cardiology 62nd Annual Scientific Sessions, San Francisco, CA, “Diagnosis and Work-up of Patients with Syncope,” Co-chair
- 5/13 Heart Rhythm Society 34th Annual Scientific Sessions, Denver, CO, “Battle of the Titans: Are ICDs Over-used or Under-used?” Chair
- 5/13 Heart Rhythm Society 34th Annual Scientific Sessions, Denver, CO, Hyde Park Talk: “Is There a Future for Academic EPs?”
- 5/13 Heart Rhythm Society 34th Annual Scientific Sessions, Denver, CO, “Left Atrial Appendage Closure is Better than Anticoagulation Therapy for Stroke Prevention in AF,” Antagonist
- 7/13 International Academy of Cardiology 18th World Congress on Heart Disease, Vancouver, CA, “Sudden Cardiac Death/Advances in Implantable Rhythm Device Therapy,” Co-Chair
- 7/13 International Academy of Cardiology 18th World Congress on Heart Disease, Vancouver, CA, “Biventricular versus Right Ventricular Pacing in Patients with Left Ventricular Dysfunction and Atrioventricular Block: The Block HF Study”
- 9/13 European Society of Cardiology Congress 2013, Amsterdam, Netherlands, “Controversial Indications for Cardiac Resynchronization Therapy: A Case-based Approach: Patient with an Indication for Antibradycardia Pacing”
- 9/13 European Society of Cardiology Congress 2013, Amsterdam, Netherlands, “Evolving Indications of Cardiac Resynchronization Therapy: Ejection Fraction Less Than 50% and Pacing Indication”
- 9/13 HFSA2013, Orlando, FL, “Heart Failure Trials: The Year in Review: BLOCK HF”
- 11/13 American Heart Association Annual Scientific Sessions, Dallas, TX, “Clinical Trials and Reductions in Sudden Cardiac Death”
- 3/14 American College of Cardiology 63rd Annual Scientific Sessions, Washington, DC, “Arrhythmias and ICD versus CRT” in a session on “Gender Differences that Impact Outcomes – Are the Current Guidelines Adequate?”
- 5/14 Heart Rhythm Society 35th Annual Scientific Sessions, San Francisco, CA, “When to Choose CRT-P for your Heart Failure Patient”
- 5/14 Heart Rhythm Society 35th Annual Scientific Sessions, San Francisco, CA, “Pioneers Unplugged: Pioneers in Devices,” Moderator
- 5/14 Heart Rhythm Society 35th Annual Scientific Sessions, San Francisco, CA, “Designing and Implementing Large Scale Clinical Studies in Electrophysiology,” Chair
- 7/14 International Academy of Cardiology 19th World Congress on Heart Disease, Boston,

- MA, “Clinical Effectiveness of CRT and ICD Therapy in Patients with Heart Failure by Race and Gender: Findings from IMPROVE HF”
- 7/14 International Academy of Cardiology 19th World Congress on Heart Disease, Boston, MA, “Prediction and Prevention of Sudden Cardiac Death,” Co-chair
- 9/14 Academic Internal Medicine Week 2014, Washington, DC, 2014 Precourse for Emerging Leaders, “What Are the Trade-offs for Taking a Leadership Position?”
- 10/14 25th Great Wall International Congress of Cardiology (GW-ICC) & Asia Pacific Heart Congress 2014 & International Congress Cardiovascular Prevention and Rehabilitation 2014, Beijing, China, “Cardiac Arrhythmias: Case Based Learning I,” Moderator
- 10/14 25th Great Wall International Congress of Cardiology (GW-ICC) & Asia Pacific Heart Congress 2014 & International Congress Cardiovascular Prevention and Rehabilitation 2014, Beijing, China, “Stroke Prevention in an 82-Year Old Woman with Hypertension, CAD, and Persistent AF”
- 11/14 American Heart Association Annual Scientific Sessions, Chicago, IL, “Sex Differences in Utilization and Response to Implantable Device Therapy”
- 11/14 American Heart Association Annual Scientific Sessions, Chicago, IL, “Atrial Fibrillation: New Science, New Guidelines and New Uncertainties?” Moderator
- 11/14 American Heart Association Annual Scientific Sessions, Chicago, IL, “Maintenance of Certification: ABIM Learning Session---Clinical Cardiac Electrophysiology, 2014 Update,” Moderator
- 5/15 Heart Rhythm Society 36th Annual Scientific Sessions, Boston, MA, “CRT in the Patient with Complete Heart Block”
- 5/15 Heart Rhythm Society 36th Annual Scientific Sessions, Boston, MA, “When Should You Upgrade to a CRT-P?”
- 5/15 Heart Rhythm Society 36th Annual Scientific Sessions, Boston, MA, “Differences in Device Approval Processes and Post-Marketing Surveillance between Europe and U.S.”
- 5/15 Heart Rhythm Society 36th Annual Scientific Sessions, Boston, MA, “Professional Societies: Why Bother?”
- 5/15 Heart Rhythm Society 36th Annual Scientific Sessions, Boston, MA, “Taking EP to the Mainstream Media: Strategies for Effective Communication,” Chair
- 5/15 Heart Rhythm Society 36th Annual Scientific Sessions, Boston, MA, EP Leaders of Tomorrow: Breakout session: “The Academic: Growing in the University Workplace”

- 5/15 Heart Rhythm Society 36th Annual Scientific Sessions, Boston, MA, EP Leaders of Tomorrow, Co-Chair
- 7/15 International Academy of Cardiology 20th World Congress on Heart Disease, Vancouver, BC, Canada, “Arrhythmia, Electrophysiology and Stroke Prevention,” Plenary Session, Co-Chair
- 7/15 International Academy of Cardiology 20th World Congress on Heart Disease, Vancouver, BC, Canada, “Left Ventricular Reverse Remodeling with Biventricular versus Right Ventricular Pacing in Patients with Atrioventricular Block and Left Heart Failure in the BLOCK HF Trial”
- 10/15 26th Great Wall International Congress of Cardiology (GW-ICC) & Asia Pacific Heart Congress 2015 & International Congress Cardiovascular Prevention and Rehabilitation 2015, Beijing, China, “New Treatment Options for the Prevention of Stroke in Atrial Fibrillation”
- 10/15 26th Great Wall International Congress of Cardiology (GW-ICC) & Asia Pacific Heart Congress 2015 & International Congress Cardiovascular Prevention and Rehabilitation 2015, Beijing, China, “Anticoagulation for Atrial Fibrillation in the Elderly”
- 11/15 American Heart Association Annual Scientific Sessions, Orlando, FL, “How to be Valued and Succeed as an EP and Basic Scientist: The Chairman’s Perspective”
- 11/15 American Heart Association Annual Scientific Sessions, Orlando, FL, “Clinical Management of Atrial Fibrillation,” Co-chair
- 4/16 American College of Cardiology 65th Annual Scientific Sessions, Chicago, IL, “Stroke Prevention in Afib: Drugs, Devices, and Discussion,” Co-chair
- 5/16 Heart Rhythm Society 37th Annual Scientific Sessions, San Francisco, CA, Cardiac Electrophysiology Society Session: “Sodium Channels - Structure, Function, and Disease Mechanisms: Session II: Function,” Chair
- 5/16 Heart Rhythm Society 37th Annual Scientific Sessions, San Francisco, CA, How-To Session: A Day in the Device Clinic: How to Manage Several Common Clinical Scenarios, “Do I minimize RV pacing and accept a long AV delay or do I upgrade to CRT?”
- 5/16 Heart Rhythm Society 37th Annual Scientific Sessions, San Francisco, CA, “Challenging CRT Cases,” Panelist
- 7/16 International Academy of Cardiology 21st World Congress on Heart Disease, Boston, MA: “Improvement in Clinical Outcomes with Biventricular Versus Right Ventricular Pacing in the BLOCK HF Study”
- 7/16 International Academy of Cardiology 21st World Congress on Heart Disease Boston, MA, Plenary Session: “Electrophysiology: Sudden Death, Arrhythmias and Device,”

Chair

- 11/16 American Heart Association Annual Scientific Sessions, New Orleans, LA, “Permanent Pacing in a Patient With High Degree AV Block and Preserved Ejection Fraction: CRT, Septal or His Pacing?”
- 11/16 American Heart Association Annual Scientific Sessions, New Orleans, LA, “Treatment of Arrhythmias: Pharmacologic,” Poster Professor
- 4/17 Translational Science 2017, Washington, DC, “CR Forum Top Ten Clinical Research Achievement Awardee Presentations,” Chair
- 5/17 Heart Rhythm Society 38th Annual Scientific Sessions, Chicago, IL, “Cardiac Innervation and Cardiac Arrhythmias: Session II,” Co-chair
- 5/17 Heart Rhythm Society 38th Annual Scientific Sessions, Chicago, IL, “Do You Want a Job in 10 Years? – You Had Better Come & Pay Attention,” Co-chair
- 5/17 Heart Rhythm Society 38th Annual Scientific Sessions, Chicago, IL, “Permanent pacing in a patient with high degree AV block and preserved ejection fraction: Is CRT the way to go?”
- 6/17 Europace-Cardiostim 2017, Vienna, Austria, “Arrhythmias induced by Chemotherapy and Biological Treatment”
- 7/17 International Academy of Cardiology 22nd World Congress on Heart Disease, Vancouver, BC, Canada, 11th J.H.C, Swan Memorial Lecture, Opening Plenary Session. “Improvement in Quality of Care for Atrial Fibrillation in Get With The Guidelines-Atrial Fibrillation (GWTG-AF)”
- 7/17 International Academy of Cardiology 22nd World Congress on Heart Disease, Vancouver, BC, Canada, “Improving Understanding, Treatment and Outcomes in Atrial Fibrillation,” chair
- 11/17 American Heart Association Annual Scientific Sessions, Anaheim, CA. “Cardiac Resynchronization Therapy for CHF Prevention and Treatment”
- 11/17 American Heart Association Annual Scientific Sessions, Anaheim, CA, “The Latest and Greatest in Device Technology,” Moderator

INVITED LECTURES FOR CONTINUING MEDICAL EDUCATION CREDIT (Since 1992):

- 8/92 Review and Update of EKGs, Daytona Beach, FL
- 1/93 Twelfth Annual Perspectives in Clinical Cardiology, Orlando, FL, “Amiodarone: Should We Use It More Than We Do?”

- 1/93 Twelfth Annual Perspectives in Clinical Cardiology, Orlando, FL, “Radiofrequency Ablation in Patients with Supraventricular Tachycardia”
- 2/93 Continuing Education Program, Lake City, FL, “Management of Atrial Fibrillation”
- 2/93 Fifth Annual Heart Institute Cardiac Symposium, Tallahassee, FL, “Signal Averaged Electrocardiogram”
- 3/93 “Value of Adenosine in the Diagnosis and Management of Tachyarrhythmias”
Orlando, FL
- 9/93 Physiology Conference, Gainesville, FL, “Is Adenosine an Endogenous Antiarrhythmic Agent?”
- 9/93 Continuing Education Program, Winter Park, FL, “Adenosine in the Diagnosis and Treatment of Tachyarrhythmias,”
- 11/93 Continuing Education Program, Tampa, FL, “Management of Atrial Fibrillation and Flutter”
- 1/94 Thirteenth Annual Perspectives in Clinical Cardiology, “Signal Averaged Electrocardiogram: What Role Does It Have in Clinical Practice?”
- 1/94 Thirteenth Annual Perspectives in Clinical Cardiology, “Ventricular Tachycardia: Do Any Drugs Work? If So, What Should Be Used?”
- 3/94 Topics in Internal Medicine, Gainesville, FL, “The Role of Magnesium as an Antiarrhythmic Agent”
- 4/94 St. Joseph’s Hospital, Atlanta, GA, “Pacemaker Therapy”
- 10/94 Southeastern Regional Communications Planning Conference, Palm Beach, FL, “Classification and Differential Diagnosis of Supraventricular Arrhythmias”
- 10/94 Southeastern Regional Communications Planning Conference, Palm Beach, FL, “Paroxysmal Supraventricular Tachycardia: Therapeutic Options and Outcomes,”
- 11/94 Fifth Annual Cardiology Update for the Physician, “What is a Common Sense Approach to Treating Chronic Ventricular Arrhythmias?”
- 1/95 Fourteenth Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Orlando, FL, “Radiofrequency ablation of conducting tissue: who needs it and what are the expected results?”
- 1/95 Fourteenth Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Orlando, FL, “Sotalol; pharmacology, indications for use and potential problems”

- 1/95 Fourteenth Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Orlando, FL, “Arrhythmias and their treatment: should ICD patients drive automobiles?”
- 2/95 Seventeenth Annual Pulmonary Winter Course, Orlando, FL, “Adenosine in diagnosis and treatment of tachyarrhythmias”
- 6/95 Continuing Education Program, Tallahassee, FL, “Management of Life Threatening Ventricular Arrhythmias”
- 11/95 Fall 1995 Family Practice Review and Primary Care Update, Orlando, FL, “Practical Approach to the Evaluation and Management of Ventricular Arrhythmias”
- 11/95 Fall 1995 Family Practice Review and Primary Care Update, Orlando, FL, “Practical Approach to the Evaluation and Management of Supraventricular Arrhythmias”
- 1/96 Fifteenth Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Orlando, FL, “Atrial Fibrillation: Management Strategy in 1996: Does Everyone Need to Be in Sinus Rhythm and if so, What Is the Best Method?”
- 1/96 Fifteenth Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Orlando, FL, “Arrhythmias, Drugs, Devices, New Indications for Radiofrequency Ablation”
- 1/97 16th Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Orlando, FL, “An Interactive Review of ECGs, Indications for Electrophysiologic Study, Results of Pharmacologic and Non-Pharmacologic Therapies”
- 3/97 28th Annual Topics in Internal Medicine, Gainesville, FL, “Medical Management of Atrial Fibrillation”
- 9/97 Florida Chapter, ACC, Orlando, FL, “Borderline Indications for ICD Implantation: Case Presentations”
- 9/97 CPI Arrhythmia Management 1997, Orlando, FL, “Management of Patients with VT/VT-Implications of AVID”
- 10/97 Cardiology in Primary Care, Gainesville, FL, “Evaluation and Treatment of Syncope”
- 10/97 Cardiology in Primary Care, Gainesville, FL, “ Management of Atrial Fibrillation”
- 1/98 17th Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Orlando, FL, “Atrial Fibrillation: Control of the Ventricular Response, Conversion to Sinus Rhythm, and Prevention of Recurrence”
- 2/98 Santa Fe Arrhythmia Management Conference, Santa Fe, NM, “Current Status of Defibrillator Technology”

- 2/98 Santa Fe Arrhythmia Management Conference, Santa Fe, NM, “Drugs and Devices for the Management of Atrial Fibrillation”
- 3/98 29th Annual Topics in Internal Medicine, Gainesville, FL, “Atrial Fibrillation: Control of the Ventricular Response, Conversion to Sinus Rhythm, and Prevention of Recurrence”
- 5/98 NASPE 19th Annual Scientific Sessions, San Diego, CA, “Setting Up an Electrophysiology Laboratory and EPS Practice: Equipment Considerations”
- 5/98 NASPE 19th Annual Scientific Sessions, San Diego, CA, “A Systematic Approach to the Diagnosis of Supraventricular Tachycardia by Electrophysiologic Study,” Chair
- 5/98 6th International Symposium on Adenosine and Adenine Nucleotides, Ferrara, Italy, “Differential Effect of Adenosine on Fast and Slow AV Nodal Pathways in Patients with AV Nodal Reentrant Tachycardia”
- 7/98 What the Cardiologist/Internist Needs to Know About Arrhythmias in 1998, Amelia Island, FL, Program Director
- 7/98 What the Cardiologist/Internist Needs to Know About Arrhythmias in 1998, Amelia Island, FL, “Recent ICD Clinical Trials: What Have We Learned from CABG Patch and MADIT?”
- 9/98 NASPE Board Review Course, Houston, TX, Associate Director
- 9/98 NASPE Board Review Course, Houston, TX, “Preexcitation Syndromes”
- 9/98 NASPE Board Review Course, Houston, TX, Pacemaker Case Studies Workshop
- 9/98 NASPE Board Review Course, Houston, TX, SVT/WPW Case Studies Workshop
- 10/98 Arrhythmias 1998: Therapy Advances in a Cost-Conscious Environment, Ponte Vedra, FL, Co-chair
- 10/98 Arrhythmias 1998: Therapy Advances in a Cost-Conscious Environment, Ponte Vedra, FL, “ICD Clinical Trial Update”
- 12/98 Recent Advances in Cardiac Rhythm Management, St. Petersburg, FL, “Syncope”
- 1/99 18th Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Orlando, FL, “Atrial Fibrillation and Flutter – A Rational Strategy for Management”
- 1/99 18th Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Orlando, FL, “Evolving Role of ICDs in Light of Recent Clinical Trials”
- 2/99 Recent Advances in Clinical Electrophysiology, Fort Myers, FL, “Advances in Evaluation of Syncope”

- 2/99 Recent Advances in Clinical Electrophysiology, Fort Myers, FL, Program Director
- 5/99 Gender Differences and Arrhythmias, during the NASPE 20th Annual Scientific Sessions, Toronto, Canada, “Gender Differences in Supraventricular Tachycardia and Atrial Fibrillation.”
- 5/99 A Common Sense Approach to Cardiovascular Disease: Case Studies for the Primary Care Provider, Gainesville, FL, “Update on Implantable Cardioverter Defibrillators”
- 6/99 Cardiology Grand Rounds, University of Florida, Gainesville, FL, “Gender Differences in Atrial Fibrillation: Implications for Management”
- 7/99 What the Cardiologist/Internist Needs to Know About Arrhythmias in 1999, Amelia Island, FL, Program Director
- 7/99 What the Cardiologist/Internist Needs to Know About Arrhythmias in 1999, Amelia Island, FL, “What the Primary Care Physician Needs to Know About Implantable Cardioverter-Defibrillators”
- 9/99 NASPE Board Review Course, Philadelphia, PA, Associate Director
- 9/99 NASPE Board Review Course, Philadelphia, PA. SVT/WPW Case Studies Workshops
- 9/99 South Atlantic Electrophysiology Society for Allied Professionals Fifth Annual Electrophysiology Workshop, Myrtle Beach, SC, “Driving and Defibrillators”
- 10/99 First Annual Summit for Women Physicians in Electrophysiology, Santa Fe, NM, Program Director
- 10/99 First Annual Summit for Women Physicians in Electrophysiology, Santa Fe, NM, “Pacing Therapies for Congestive Heart Failure”
- 1/00 19th Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Orlando, FL, “Acute Management of Atrial Fibrillation – Role of Cardioversion, Rate Control, Antiarrhythmic Drugs”
- 1/00 19th Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Orlando, FL, “What the Non-Electrophysiologist Needs to Know About Implantable Cardioverter Defibrillators”
- 2/00 Arrhythmia Management Conference 2000, Orlando, FL, “Prevention of Sudden Cardiac Death: Update on Clinical Trials”
- 2/00 Arrhythmia Management Conference 2000, Orlando, FL, “Management of Atrial Fibrillation”
- 2/00 Tift General Hospital, Tifton, GA, “What’s New in Atrial Fibrillation”

- 3/00 Health First Heart Institute, Melbourne, FL, “Biventricular Pacing for the Treatment of Congestive Heart Failure”
- 4/00 Cardiology Grand Rounds, University of Florida, Gainesville, FL, “Dofetilide: Guidelines for Use for the Treatment of Atrial Fibrillation”
- 5/00 Cardiology Grand Rounds, University of Florida, Gainesville, FL, “Update on Medical Management of Atrial Fibrillation”
- 5/00 Cardiovascular Disease in the Elderly: Primary Care Management, Gainesville, FL, “Syncope: Practical Assessment and Management”
- 6/00 What the Cardiologist/Internist Should Know About Electrophysiology and Arrhythmia Management in 2000, Amelia Island, FL, Program Director
- 6/00 What the Cardiologist/Internist Should Know About Electrophysiology and Arrhythmia Management in 2000, Amelia Island, FL, “Permanent Pacing for the Treatment of Congestive Heart Failure”
- 7/00 Medical Grand Rounds, University of Florida, Gainesville, FL, “Biventricular Pacing for the Treatment of Congestive Heart Failure”
- 8/00 Florida Chapter, American College of Cardiology, Amelia Island, FL, Clinical Update in Arrhythmia Management and Use of Devices, “Biventricular Pacing for Congestive Heart Failure: Review of the Literature, Current Trials”
- 9/00 NASPE/ACC Board Review Course in Cardiac Electrophysiology, Dallas, TX, Associate Director
- 9/00 NASPE/ACC Board Review Course in Cardiac Electrophysiology, Dallas, TX, SVT/WPW Case Workshop, Chair
- 10/00 Second Annual Summit for Women Physicians in Electrophysiology, New York, NY, Program Director
- 10/00 Second Annual Summit for Women Physicians in Electrophysiology, New York, NY, Case Studies Workshop
- 10/00 Physician Expectations during ICD Implantation, St. Jude Medical National Meeting, Wesley Chapel, FL
- 11/00 Physician Practice Development Forum, Medtronic Inc., Orlando, FL, “Underutilization of ICDs”
- 12/00 National Education Symposium for Electrophysiology Fellows, Minneapolis, MN, Program Director
- 12/00 National Education Symposium for Electrophysiology Fellows, Minneapolis, MN,

“Permanent Pacing for the Treatment of Congestive Heart Failure”

- 1/01 Cardiac Fellows Mentoring Program, Dallas, TX, “Atrial Fibrillation: Rate Control and Anticoagulation Issues”
- 1/01 20th Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Orlando, FL, “Update on ICD Clinical Trials: Prevention of Sudden Cardiac Death in High-Risk Patients with Ischemic Heart Disease”
- 2/01 Housestaff Conference, University of Florida, Gainesville, FL, “Electrophysiologic Studies”
- 2/01 University of Florida, Medical Therapeutics Course (BMS 5473), Gainesville, FL, “Antiarrhythmic Drugs”
- 4/01 Clinical Applications and Beyond Physician Seminar, St. Jude Medical, New York, NY, “Management of Atrial Fibrillation and the Role of Cardiac Pacing”
- 5/01 Diagnosis and Management of Cardiac Arrhythmias: Outpatient Management Strategies for Atrial Fibrillation, New York, NY, “Who Should Be Referred for Catheter Ablation? Role of Curative and Rate Control Interventions”
- 5/01 What the Cardiologist/Internist Should Know About Electrophysiology and Arrhythmia Management in 2000, Amelia Island, FL, Program Director
- 5/01 What the Cardiologist/Internist Should Know About Electrophysiology and Arrhythmia Management in 2000, Amelia Island, FL, “Atrial Tachyarrhythmia Therapy in Implantable Defibrillators”
- 5/01 Cardiology Grand Rounds, Duke University, Durham, NC, “New Insights into AV Nodal Physiology and the Effects of Adenosine”
- 6/01 Twelfth Annual Scientific Meeting of the American College of Cardiology Puerto Rico Chapter, San Juan, PR, “Fundamental Electrophysiology for the Clinical Cardiologist: AV Node, His-Purkinje Physiology, Antegrade and Retrograde Conduction”
- 6/01 Twelfth Annual Scientific Meeting of the American College of Cardiology Puerto Rico Chapter, San Juan, PR, “Different Modalities of Permanent Cardiac Pacing: Benefits, Morbidity and Mortality”
- 8/01 Cardiac Grand Rounds, Medical University of South Carolina, Charleston, SC, “New Insights into AV Nodal Physiology and the Effects of Adenosine”
- 8/01 Cardiology Grand Rounds, University of Florida, Gainesville, FL, “Management of Supraventricular Tachyarrhythmias in Patients with Implantable Cardioverter Defibrillators”
- 9/01 Professor-in-Residence Program, Orlando Regional Medical Center, Orlando, FL,

“Medical Management of Atrial Fibrillation”

- 9/01 Professor-in-Residence Program, Orlando Regional Medical Center, Orlando, FL, “Arrhythmia Case Studies”
- 10/01 NASPE/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL, Associate Course Director
- 10/01 NASPE/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL, “Supraventricular Tachycardia/WPW”
- 10/01 University of California, San Francisco, Cardiology Grand Rounds, San Francisco, CA, “New Insights into AV Nodal Physiology and the Effects of Adenosine”
- 12/01 University of Florida, Core Cardiology Curriculum for Medical Housestaff, Gainesville, FL, “Electrophysiologic Studies”
- 1/02 St. Joseph’s Hospital, Cardiology Grand Rounds, Atlanta, GA, “An Update on Atrial Fibrillation”
- 1/02 21st Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Lake Buena Vista, FL, “Complex Arrhythmia Cases: Diagnosis and Treatment”
- 1/02 21st Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology, Lake Buena Vista, FL, “Update on ICD Clinical Trials: Prevention of Sudden Cardiac Death in High-Risk Patients with Ischemic Heart Disease”
- 4/02 Diagnosis and Treatment of Arrhythmias: 12th Annual Symposium, Washington, DC, “ECG Recognition and Emergency Management of Wide QRS Complex Tachycardia”
- 4/02 Diagnosis and Treatment of Arrhythmias: 12th Annual Symposium, Washington, DC, “Supraventricular Arrhythmias: When is Electrophysiologic Study Needed?”
- 5/02 In the Crossfire: New Clinical Applications for Implantable Devices, San Diego, CA, “Management of Congestive Heart Failure”
- 5/02 Grand Rounds, Baptist Hospital, Miami, FL, “Atrial Fibrillation: Mechanisms and Management”
- 8/02 Cardiology Grand Rounds, University of Florida, Gainesville, FL, “ECG Recognition and Emergency Management of Wide QRS Complex Tachycardia”
- 8/02 Grand Rounds, Phoebe Putney Memorial Hospital, Albany, GA, “Atrial Fibrillation: Mechanisms and Management”
- 8/02 Grand Rounds, Southeast Georgia Regional Medical Center, Brunswick, GA, “Atrial Fibrillation: Mechanisms and Management”

- 9/02 NASPE/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL, Associate Course Director
- 9/02 NASPE/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL, “Supraventricular Tachycardia/WPW,” Session Chair
- 9/02 Clinical Applications and Beyond, Amelia Island, FL, “Atrial Fibrillation Case Studies”
- 10/02 Women Physicians in Electrophysiology, Sonoma, CA, Program Director
- 10/02 Women Physicians in Electrophysiology, Sonoma, CA, “Heart Failure Case Studies Workshop”
- 10/02 Stony Brook University Hospital, Stony Brook, NY, “New Insights into AV Nodal Physiology and the Effects of Adenosine”
- 10/02 Cardiology Grand Rounds, Medical College of Georgia, Augusta, GA, “Atrial Fibrillation: Mechanisms and Management”
- 12/02 Cardiology Grand Rounds, Mercer University School of Medicine, Macon, GA, “Atrial Fibrillation: Mechanisms and Management”
- 12/02 Breakthroughs in Cardiac Care: The Implications for the Practicing Cardiologist, New York, NY, “Non Device Management of Heart Failure Patients”
- 1/03 Core Cardiology Curriculum for Medical Housestaff, University of Florida, Gainesville, FL, “Electrophysiologic Studies”
- 2/03 Cardiology Grand Rounds, University of New Mexico, Albuquerque, NM, “New Insights into AV Nodal Physiology and the Effects of Adenosine”
- 2/03 BMS 5000: Cardiovascular Physiology, University of Florida, Gainesville, FL, “Arrhythmias”
- 3/03 34th Annual Topics in Internal Medicine, Gainesville, FL, “Biventricular Pacing for Heart Failure”
- 4/03 Ninth Annual Cardiovascular Symposium, Valdosta, GA, “A Practical Approach to Arrhythmia Management for the Primary Care Physician”
- 4/03 Management of Arrhythmias and Heart Failure, Orlando, FL, “Coding in Pacing and Electrophysiology”
- 5/03 Interactive Cardiac Techniques, New Concepts in Cardiology, Hilton Head Island, SC, “Trials Update”
- 5/03 Electrophysiology and Arrhythmia Management in 2003, Amelia Island, FL, Program

- Director
- 5/03 Bridging Knowledge and Practice in Treatment and Prevention of Atrial Fibrillation, Washington, DC, “Sinus Rhythm vs. Rate Control: What Have Trials Taught Us?”
 - 5/03 In the Crossfire: Current Controversies in Pacing and Electrophysiology, Washington, DC, “Wireless Monitoring Techniques will Simplify Patient Follow-Up and Recovery from Device Implants” (opponent)
 - 8/03 Medical Grand Rounds, Bay Medical Center, Panama City, FL, “Update on Atrial Fibrillation: Mechanisms and Management”
 - 8/03 Medical Grand Rounds, Medical Center of Manchester, Manchester, TN, “Update on Atrial Fibrillation: Mechanisms and Management”
 - 9/03 St. Jude Medical Institute - Clinical Applications and Beyond - Course Faculty, New York, NY, “AF: Rate Control vs. Rhythm Control”
 - 9/03 NASPE/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL, Associate Course Director
 - 9/03 NASPE/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL, “SA and AV Node, His Purkinje System: Clinical Assessment, Anatomic and Autonomic Aspects and Treatment”
 - 9/03 NASPE/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL, “Clinical Electrophysiology Case Studies” (Workshop Chair)
 - 9/03 NASPE/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL, “Arrhythmia Case Studies”
 - 9/03 NASPE/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL, “Supraventricular Tachycardia/Wolff-Parkinson-White Syndrome” (Session Chair)
 - 10/03 Women in Electrophysiology, Charleston, SC, Program Director
 - 10/03 Women in Electrophysiology, Charleston, SC, “NASPE/HRS: How It Works; Health Policy; Reimbursement; Coding, etc.”
 - 12/03 CME Grand Rounds. North Shore Medical Center, Miami, FL, “Update on Atrial Fibrillation: Mechanisms and Management”
 - 1/04 23rd Annual Perspectives on New Diagnostic and therapeutic Techniques in Clinical Cardiology, Lake Buena Vista, FL, “Prophylactic Use of ICDs – Who Needs it? Can we Afford it? What is the Evidence to Justify Use and Cost?”
 - 1/04 Core Curriculum for Medical Housestaff, University of Florida, Gainesville, FL, “Electrophysiologic Studies”

- 2/04 Cardiology Grand Rounds, Baptist Health South Florida-Baptist Hospital, Miami, FL, “Manipulating the coagulation cascade: New insights into thrombin inhibition and stroke prevention”
- 2/04 AF Forum: Management, Anticoagulation, and Stroke Prevention, Miami, FL, “The Epidemiologic and Economic Impact of AF – Identifying Areas for Improvement”
- 2/04 Women’s Heart Conference, Miami, FL, “The influence of Gender on Cardiac Arrhythmias.”
- 3/04 ACC 53rd Annual Scientific Sessions, New Orleans, LA, “Anticoagulation in Atrial Fibrillation: Innovation and Implementation in Patient Care.”
- 4/04 EP Fellows-Faculty Summit 2004, Minneapolis, MN, “Prediction & Prevention of SCD in Patients with Ischemic Heart Disease.”
- 5/04 Cardiology Grand Rounds, University of Florida, Gainesville, FL. “Gender Differences in Cardiac Arrhythmias.”
- 6/04 Vascular Biology Working Group Grand Rounds lecture, Manatee Memorial Hospital, Bradenton, FL. “Manipulating the coagulation cascade: New insights into thrombin inhibition and stroke prevention”
- 6/04 CME/CE Grand Rounds lecture series, Cedars Medical Center, Miami, FL. Atrial Fibrillation Forum: Management, Anticoagulation, and Stroke Prevention.
- 8/04 CME/CE Grand Rounds lecture series, Baptist Hospital/Gulf Breeze, Pensacola, FL. Atrial Fibrillation Forum: Management, Anticoagulation, and Stroke Prevention.
- 9/04 Kaiser Permanente National CME Program. 6th Annual 2004 Cardiovascular Medicine and Surgery (C.O.A.S.T.) Conference, San Diego, CA, “Device Therapy for the Prevention of Sudden Cardiac Death”
- 9/04 Kaiser Permanente National CME Program. 6th Annual 2004 Cardiovascular Medicine and Surgery (C.O.A.S.T.) Conference, San Diego, CA, “Recent Advantages in the Treatment of Atrial Fibrillation”
- 9/04 HRS/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL. “SA and AV Node, His Purkinje System: Clinical Assessment, Anatomic and Autonomic Aspects and Treatment”
- 9/04 HRS/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL. “Clinical Electrophysiology Case Studies” (Workshop Chair)
- 9/04 HRS/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL. “Arrhythmia Case Studies”
- 9/04 HRS/ACC Board Review Course in Cardiac Electrophysiology, Chicago, IL. “SVT Mechanisms/Maneuvers” (Workshop Chair)

- 10/04 Women Physicians in Electrophysiology, New York, NY, Program Director
- 10/04 Women Physicians in Electrophysiology, New York, NY, “New Training Guidelines for Implanters and CMS Update”
- 10/04 “Cardiac Pacing: When is Too Much of a Good Thing Bad for You?” Grand Rounds presentation, University of Rochester, Rochester, NY
- 10/04 16th Annual National Symposium on Cardiac Rhythm Management for Nurses and Allied Health Professionals, Orlando, FL, “Catheter Ablation of Supraventricular Arrhythmias”
- 11/04 University of Florida, Core Cardiology Curriculum for Medical Housestaff, Gainesville, FL, “Syncope”
- 11/04 CME/CE Grand Rounds lecture series, Bay Pines VA Medical Center. Atrial Fibrillation Forum: Management, Anticoagulation, and Stroke Prevention.
- 11/04 Pri-Med Updates CME Symposium, Tampa, FL, “New Options for Anticoagulation and Stroke Prevention”
- 01/05 Review and Update of Medtronic SCD-HeFT and InSync Studies. Daytona Beach, FL.
- 02/05 Heart & Vascular Center Cardiology Grand Rounds. Cleveland, OH, “Cardiac Pacing: When is Too Much of a Good thing Bad for You?”
- 02/05 Kettering Cardiovascular Institute’s “Sudden Cardiac Death” Colloquium. Dayton, OH, “Prophylactic Defibrillators for Prevention of Sudden Cardiac Death”
- 04/05 ICD and Cardiac Resynchronization Devices: Fundamentals of Patient Selection, Implantation, and Follow-up, Miami Beach, FL, Course Director
- 04/05 ICD and CRT Device Course, Miami Beach, FL, “Indications for ICDs and results of clinical trials”
- 04/05 CME/CE Grand Rounds lecture. Grady Memorial Hospital, Atlanta, GA, “AF Forum: Management, Anticoagulation, and Stroke Prevention”
- 04/05 CME/CE Grand Rounds lecture. Emory University School of Medicine, Atlanta, GA, “Cardiac Pacing: When Is Too Much of a Good Thing Bad for You?”
- 04/05 CME Grand Rounds lecture. University of South Florida, Tampa, FL, “Cardiac Pacing: When Is Too Much of a Good Thing Bad for You?”
- 05/05 New and Emerging Leaders in Cardiology and Electrophysiology, New Orleans, LA, “Participating in the Heart Rhythm Society/Foundation: Updates on New Initiatives and Opportunities”

- 05/05 St. Joseph's Hospital, Tampa FL, "Device-based Management of Heart Failure"
- 06/05 Women and Heart Disease Symposium, Philadelphia, PA, "Gender Differences in Resynchronization Therapy"
- 07/05 Medicine Grand Rounds, University of South Florida, Tampa FL, "Atrial Fibrillation: Mechanisms and Management"
- 10/05 Fellows Conference, Tampa FL, "Basic Pacing Concepts"
- 10/05 Women Physicians in Electrophysiology, San Francisco, CA, Program Director
- 10/05 Women Physicians in Electrophysiology, San Francisco, CA, "Management of Device Recalls," Panelist
- 10/05 Cardiology Grand Rounds, Sarasota Memorial Hospital, Sarasota, FL, "Cardiac Pacing: When Is Too Much of a Good Thing Bad for You?"
- 10/05 ICD and Cardiac Resynchronization Devices: Fundamentals of Patient Selection, Implantation, and Follow-up, Miami Beach, FL, Course Director
- 10/05 ICD and CRT Device Course, Miami Beach, FL, "Indications for ICDs and Results of Clinical Trials"
- 11/05 Cardiovascular Research Seminar, "Cardiac Pacing: How Location and Technique Affect Cardiac Function"
- 2/06 2nd Annual Cardiovascular Symposium, Sarasota, FL, "Update on Treatment of Atrial Fibrillation"
- 2/06 2nd Annual Cardiovascular Symposium, Sarasota, FL, "Sudden Cardiac Arrest: Who Is at Risk?"
- 2/06 Cardiology Update for Primary Care Providers, Tampa, FL, Course Director
- 2/06 Cardiology Update for Primary Care Providers, Tampa, FL, "Management of Atrial Fibrillation: The New and the Tried and True"
- 5/06 18th Annual Michel Mirowski Symposium, Boston, MA, Chair
- 5/06 Managing Atrial Fibrillation: A Multimodality Approach, Boston, MA, "Atrial Fibrillation: Impact of Guidelines on Clinical Practice"
- 7/06 Preventing Tomorrow's Sudden Cardiac Death Today, Washington, DC. "Ethics of Risk Assessment for Sudden Cardiac Death Prevention"
- 10/06 Women Physicians in Electrophysiology, Chicago, IL, Program Director

- 10/06 Women Physicians in Electrophysiology, Chicago, IL, “How the FDA Approves Clinical Studies and Device Applications,” panel discussion
- 10/06 19th Annual Cardiovascular Symposium: Cardiovascular Update 2006, Co-director
- 10/06 19th Annual Cardiovascular Symposium: Cardiovascular Update 2006, “ICD Therapy for Prevention of Sudden Cardiac Death”
- 10/06 19th Annual Cardiovascular Symposium: Cardiovascular Update 2006, “Update on the Treatment of Atrial Fibrillation”
- 10/06 19th Annual Cardiovascular Symposium: Cardiovascular Update 2006, “ACE Inhibitors, Statins, ARBs: Do They Really Prevent AF?”
- 10/06 19th Annual Cardiovascular Symposium: Cardiovascular Update 2006, “Device Recalls: Myths and Facts”
- 10/06 19th Annual Cardiovascular Symposium: Cardiovascular Update 2006, “Cardiac Pacing: The Good, the Bad, and the Ugly”
- 10/06 19th Annual Cardiovascular Symposium: Cardiovascular Update 2006, “Cardiac Contractility Modulation: New Treatment for Heart Failure”
- 10/06 19th Annual Cardiovascular Symposium: Cardiovascular Update 2006, “Update on Biventricular Pacing for Heart Failure: Who Should Be Referred?”
- 11/06 Heart Rhythm Society: ICD and Cardiac Resynchronization Devices: Fundamentals of Patient Selection, Implantation, and Follow-up, San Francisco, CA, Course Director
- 11/06 ICD and CRT Device Course, San Francisco, CA, “Indications for ICDs and Results of Clinical Trials”
- 1/07 Cardiology Grand Rounds, University of South Florida and Tampa General Hospital, Tampa, FL: “Current Guidelines and New Indications for Cardiac Resynchronization Therapy”
- 3/07 Cardiology Grand Rounds, Mt. Sinai Medical Center, Miami, FL, “Cardiac Pacing: When Is Too Much of a Good Thing Bad for You?”
- 3/07 Sarasota Memorial Hospital Cardiology Grand Rounds, Sarasota, FL, “Gender Differences in Cardiac Arrhythmias”
- 3/07 3rd Annual Cardiovascular Symposium Update 2007, Sarasota Memorial Hospital, Sarasota, FL, Program Co-Director
- 3/07 3rd Annual Cardiovascular Symposium Update 2007, Sarasota Memorial Hospital, Sarasota, FL, “ACE Inhibitors, ARBs, and Statins: Do They Really Prevent Atrial Fibrillation”

- 3/07 3rd Annual Cardiovascular Symposium Update 2007, Sarasota Memorial Hospital, Sarasota, FL, “Sudden Cardiac Death: Who Is Really at Risk?”
- 3/07 Duke University Research Symposium, Keynote Speaker, “Cardiac Pacing: When Is Too Much of a Good Thing Bad for You?”
- 5/07 Change of Heart: 4th CME Symposium on Women and Heart Disease, WakeMed Medical Center, Raleigh, NC, “Gender Differences in Cardiac Arrhythmias”
- 10/07 20th Annual Cardiovascular Symposium, India, Course Co-Director
- 10/07 20th Annual Cardiovascular Symposium, India, “Atrial Fibrillation: Impact of the 2006 ACC/AHA/ESC Guidelines on Clinical Practice”
- 10/07 20th Annual Cardiovascular Symposium, India, “The Role of Implantable Devices in the Treatment of Heart Failure”
- 10/07 20th Annual Cardiovascular Symposium, India, “Syncope: Diagnosis and Management”
- 12/07 Preventing Tomorrow’s Sudden Cardiac Death Today: Dissemination of Effective Therapies for SCD Prevention, Arlington, VA, “Future Research Needs”
- 2/08 Sarasota Memorial Hospital Cardiology Grand Rounds, Sarasota, FL, “Diagnosis and Management of Syncope”
- 2/08 4th Annual Cardiovascular Symposium Update 2008, Sarasota Memorial Hospital, Sarasota, FL, Program Co-Director
- 2/08 4th Annual Cardiovascular Symposium Update 2008, Sarasota Memorial Hospital, Sarasota, FL, “Stroke Prevention in Patients with Atrial Fibrillation”
- 2/08 4th Annual Cardiovascular Symposium Update 2008, Sarasota Memorial Hospital, Sarasota, FL, “Saving Lives: The Role of the AED”
- 4/08 Internal Medicine Housestaff lecture series, University of South Florida, Tampa, FL, “Diagnosis and Management of Tachyarrhythmias”
- 5/08 Satellite Symposium at the Heart Rhythm Society Annual Scientific Sessions: Product Innovation, Reliability and “Recalls”: The Combined Physician/Industry Responsibility, San Francisco, CA, “Analysis of Recent Device Advisories: What Does This Teach Us?”
- 6/08 Europe AF, London, England, “Resynchronisation Therapy in the Presence of AF”
- 8/08 21st Annual International Cardiovascular Symposium, Black Sea, Course Co-Director

- 8/08 21st Annual International Cardiovascular Symposium, Black Sea, “Utilization of Implantable Device Therapy in an Outpatient Heart Failure Population: Lessons Learned from IMPROVE-HF”
- 8/08 21st Annual International Cardiovascular Symposium, Black Sea, “The Role of Catheter Ablation in the Management of Atrial Fibrillation”
- 8/08 21st Annual International Cardiovascular Symposium, Black Sea, “Implantable Cardioverter Defibrillator and Cardiac Resynchronization Therapy: Update 2008”
- 9/08 Cardiology Grand Rounds, University of South Florida, Tampa, FL, “Utilization of Implantable Device Therapy in an Outpatient Heart Failure Population: Lessons from IMPROVE HF”
- 10/08 8th Annual Cardiovascular Research Symposium: New Frontiers in Cardiac Arrhythmia Management; UT Southwestern Medical Center, Dallas, TX; “Cardiac Rhythm Management: State of the Art”
- 12/08 Cardiology Grand Rounds , University of South Florida, Tampa, FL, “Heart to Heart: An AF Outcomes Initiative”
- 2/09 5th Annual Cardiovascular Symposium Update 2009, Sarasota Memorial Hospital, Sarasota, FL, “Heart to Heart: An AF Outcomes Initiative”
- 2/09 5th Annual Cardiovascular Symposium Update 2009, Sarasota Memorial Hospital, Sarasota, FL, “Saving Lives: How? Update 2009”
- 2/09 Cardiology Update for the Primary Care Provider, Tampa FL, Course Director
- 2/09 American Council of Life Insurers Medical Section Meeting, St. Petersburg, FL, “Catheter Ablation”
- 4/09 Medical Grand Rounds, “Heart-to-Heart: An AF Outcomes Initiative,” Florida Hospital Deland, Deland, FL
- 4/09 Internal Medicine Housestaff lecture series, University of South Florida, Tampa, FL, “Diagnosis and Management of Tachyarrhythmias”
- 10/09 Cardiology Grand Rounds, University of South Florida, Tampa, FL, “Do We Have Enough Data to Install Upstream Therapies in the Management of AF?”
- 11/09 “Heart-to-Heart: An AF Outcomes Initiative,” Bayfront Medical Center, St. Petersburg, FL
- 12/09 Pri-Med Updates for Cardiologists, Miami, FL, “Clinical Update in the Management of Atrial Fibrillation”
- 1/10 Henry Ford Hospital, Department of Medicine Grand Rounds, Detroit, MI, “Mechanisms and Management of Atrial Fibrillation”

- 2/10 Sarasota Memorial Hospital Grand Rounds, Sarasota, FL, “Improving Evidence-Based Care for Heart Failure in Outpatient Cardiology Practices: Primary Results of IMPROVE HF”
- 2/10 6th Annual Cardiovascular Symposium Update 2010, Sarasota Memorial Hospital, Sarasota, FL, “Current Management of Atrial Fibrillation”
- 2/10 2010 Pri-Med AF Cardiology Updates, Fort Lauderdale, FL, “Management of Atrial Fibrillation: A Change in Paradigm”
- 3/10 2010 Pri-Med AF Cardiology Updates, Houston, TX, “Management of Atrial Fibrillation: A Change in Paradigm”
- 4/10 Women and Heart Disease Summit, Minneapolis, MN, “Sudden Cardiac Death - Why Are Women Different?”
- 5/10 Cardiology Update for the Primary Care Provider, Tampa FL, Course Director
- 5/10 Cardiology Update for the Primary Care Provider, Tampa FL: “What’s New in the Management of Atrial Fibrillation?”
- 5/10 Satellite Symposium at the Heart Rhythm Society Annual Scientific Sessions, Denver, CO: “Recent Advances in AF Management and Where Do We Go from Here: You Be the Judge”
- 7/10 Cardiology Fellows’ Conference, Tampa, FL: “Atrial Fibrillation: Mechanisms and Management”
- 10/10 23rd Annual International Cardiovascular Symposium: Cardiovascular Disease Prevention in the 21st Century, Southeast Asia, Course Co-Director
- 10/10 23rd Annual International Cardiovascular Symposium: Cardiovascular Disease Prevention in the 21st Century, Southeast Asia, “New Pharmacotherapy for the Management of Atrial Fibrillation”
- 10/10 23rd Annual International Cardiovascular Symposium: Cardiovascular Disease Prevention in the 21st Century, Southeast Asia, “Cardiac Resynchronization Therapy: Patient Selection and Management”
- 1/11 Western New York Cardiovascular Society Symposium, Buffalo, NY, “Expanding Indications for Cardiac Resynchronization Therapy”
- 2/11 7th Annual Cardiovascular Symposium Update 2011, Sarasota Memorial Hospital, Sarasota, FL, “Stroke Prevention in Atrial Fibrillation”
- 2/11 7th Annual Cardiovascular Symposium Update 2011, Sarasota Memorial Hospital, Sarasota, FL, “Sudden Cardiac Death: Who Is at Risk and How to Prevent?”

- 2/11 7th Annual Cardiovascular Symposium Update 2011, Sarasota Memorial Hospital, Sarasota, FL, “What You Need to Know About Implantable Cardiac Devices”
- 2/11 The Heart of Women’s Health, Buffalo, NY, “Sudden Cardiac Arrest: How Are Women Different from Men?”
- 2/11 Medicine Grand Rounds, Beth Israel Hospital, New York, NY “2011 Update on the Management of Patients with Atrial Fibrillation”
- 3/11 Medicine Grand Rounds, Western NY VA Medical Center, Buffalo, NY, “2011 Update on the Management of Patients with Atrial Fibrillation”
- 3/11 Medicine Grand Rounds, Erie County Medical Center, Buffalo, NY, “2011 Update on the Management of Patients with Atrial Fibrillation”
- 3/11 Medicine Grand Rounds, Buffalo General Hospital, Buffalo, NY, “2011 Update on the Management of Patients with Atrial Fibrillation”
- 6/11 Current Concepts in Cardiovascular Management, Buffalo, NY, “2011 ACCF/AHA/HRS Focused Update on the Management of Patients with Atrial Fibrillation: "What's New"
- 6/11 Medicine Grand Rounds, Kenmore Mercy Hospital, Buffalo, NY, “2011 Update on the Management of Patients with Atrial Fibrillation”
- 7/11 24th Annual International Cardiovascular Symposium: Cardiovascular Disease Update: From Intervention to Prevention, South Africa, Course Co-Director
- 7/11 24th Annual International Cardiovascular Symposium: Cardiovascular Disease Update: From Intervention to Prevention, South Africa, “2011 ACCF/AHA/HRS Focused Update on the Management of Patients with Atrial Fibrillation”
- 7/11 24th Annual International Cardiovascular Symposium: Cardiovascular Disease Update: From Intervention to Prevention, South Africa, “Cardiac Pacing: When Is Too Much of a Good Thing Bad for You?”
- 9/11 Cardiology Grand Rounds, Michigan State University, Lansing, MI, “Linking Evidence-Based Care to Improved Outcomes in Atrial Fibrillation: Evolving Pharmacologic Approaches”
- 10/11 Women in Electrophysiology, Carlsbad, CA. “View from the Chair’s Office”
- 10/11 Montana/Wyoming American College of Cardiology Chapter meeting, “From Benchmark to Bedside: Applying Current Guidelines and Evidence to Optimize Outcomes in Patients with Atrial Fibrillation”
- 10/11 Venice Arrhythmias 2011, Venice, Italy, “My 85 Year Old Patient Has CAD and EF 25%: Would You Recommend an ICD?”

- 10/11 Medicine Grand Rounds, Mercy Hospital, Buffalo, NY, “2011 Update on the Management of Patients with Atrial Fibrillation”
- 11/11 Medicine Grand Rounds, Buffalo General Hospital. “Atrial Fibrillation: Mechanisms and Management”
- 12/11 Medicine Grand Rounds, Mount St. Mary’s Hospital, Niagara Falls, NY. “2011 Update on the Management of Patients with Atrial Fibrillation”
- 12/11 Medicine Grand Rounds, Western New York VA Medical Center. “Atrial Fibrillation: Mechanisms and Management”
- 1/12 Residents’ conference, Erie County Medical Center, “ICD Operation and Troubleshooting”
- 2/12 Cardiology Grand Rounds, University of Virginia, Charlottesville, VA, “Atrial Fibrillation: Mechanisms and Management”
- 2/12 CME conference, Buffalo, NY, “From Bench to Bedside: Applying Current Guidelines and Evidence to Optimize Outcomes in Patients with Atrial Fibrillation”
- 3/12 Electrophysiology conference, Case Western Reserve University, Cleveland, OH, “Is Cardiac Resynchronization Therapy Proarrhythmic?”
- 3/12 Cardiology Grand Rounds, Case Western Reserve University, Cleveland, OH: “Atrial Fibrillation: Mechanisms and Management”
- 3/12 Electrophysiology conference, Brigham and Women’s Hospital, Boston, MA, “Is Cardiac Resynchronization Therapy Proarrhythmic?”
- 3/12 Cardiology Grand Rounds, Brigham and Women’s Hospital, Boston, MA: “Atrial Fibrillation: Mechanisms and Management”
- 3/12 2012 Distinguished Lecturer, Epsilon of New York Chapter, Alpha Omega Alpha, “Lessons Learned from the Life in Medicine”
- 4/12 2nd Annual Update in Cardiovascular Medicine for Primary Care Providers, Buffalo, NY. “Anticoagulation in Atrial Fibrillation: Benefits, Risks & Choices”
- 6/12 Medicine Grand Rounds, Erie County Medical Center, Buffalo, NY: “Cardiac Resynchronization Therapy”
- 11/12 12th Annual Current Concepts in Cardiovascular Management Conference, Buffalo, NY, “New Management Options for Patients with Atrial Fibrillation”
- 12/12 Arrhythmia Symposium at the Cedars Sinai Heart Institute, Los Angeles, CA, “Sudden Cardiac Death: Why Are Women Different?”

- 12/12 Medicine Grand Rounds, Erie County Medical Center, Buffalo, NY: “Biventricular versus Right Ventricular Pacing in Patients with Left Ventricular Dysfunction and Atrioventricular Block: BLOCK HF”
- 1/13 Medicine Grand Rounds, VA Medical Center, Buffalo, NY: “Biventricular versus Right Ventricular Pacing in Patients with Left Ventricular Dysfunction and Atrioventricular Block: BLOCK HF”
- 1/13 Medicine Grand Rounds, Buffalo General Medical Center, Buffalo, NY: “Biventricular versus Right Ventricular Pacing in Patients with Left Ventricular Dysfunction and Atrioventricular Block: BLOCK HF”
- 1/13 Primary Care Update in Medicine, Buffalo, NY: “New Management Options for Patients with Atrial Fibrillation”
- 2/13 Women’s Career and Leadership Development Conference, American College of Cardiology Foundation, Washington, DC, Keynote Speaker: “President, Chief, Chair: How I Got There”
- 2/13 7th Annual Heart of Women’s Health Symposium, American College of Cardiology Foundation, Washington, DC: “Implantable Devices in Women: Is There a Difference?”
- 2/13 7th Annual Heart of Women’s Health Symposium, American College of Cardiology Foundation, Washington, DC: “Atrial Fibrillation in Women: Epidemiology, New Anticoagulant Agents and Outcomes”
- 6/13 First Annual Department of Medicine Research Day, Buffalo, NY, Keynote Presentation, “Biventricular versus Right Ventricular Pacing in Patients with Left Ventricular Dysfunction and Atrioventricular Block: BLOCK HF”
- 6/13 26th Annual International Cardiovascular Symposium: Cardiovascular Disease Update: From Intervention to Prevention, Sweden, Russia, Poland and Germany, Course Co-Director
- 6/13 26th Annual International Cardiovascular Symposium: Cardiovascular Disease Update: From Intervention to Prevention, Sweden, Russia, Poland and Germany, “Is Cardiac Resynchronization Therapy Pro-arrhythmic?”
- 6/13 26th Annual International Cardiovascular Symposium: Cardiovascular Disease Update: From Intervention to Prevention, Sweden, Russia, Poland and Germany, “Biventricular versus Right Ventricular Pacing in Patients with Left Ventricular Dysfunction and Atrioventricular Block”
- 12/13 5th Euro VT/VF Meeting 2013, Berlin, Germany, “Novel Data from Recent Trials: BLOCK HF”
- 1/14 M&T Bank’s Women’s Interest Network (WIN) Resource Group of WNY: Economic Revival of Buffalo: What This Means for You and Your Business, Keynote speaker

- 2/14 GWTG-AF webinar, “Atrial Fibrillation: Rate vs. Rhythm Control”
- 2/14 Medicine Grand Rounds, Kenmore Mercy Hospital, Buffalo, NY, “Biventricular versus Right Ventricular Pacing in Patients with Left Ventricular Dysfunction and Atrioventricular Block: BLOCK HF”
- 2/14 Association of Professors of Medicine, Coral Gables, FL, New Chairs Program, “Lessons Learned in My First Two Years of Being a Chair,” panelist
- 3/14 Beth Israel Hospital Cardiology Grand Rounds, New York, NY, “Biventricular versus Right Ventricular Pacing in Patients with Left Ventricular Dysfunction and Atrioventricular Block: BLOCK HF”
- 3/14 New York Chapter of the American College of Physicians Annual Meeting, Buffalo, NY, “Pacemakers and Defibrillators: What Internists Needs to Know”
- 3/14 Hayes Society, Buffalo, NY: “Innovations in Cardiac Medicine: Arrhythmias, Resuscitation & Atrial Fibrillation”
- 6/14 27th Annual International Cardiovascular Disease Prevention Symposium Update 2014: From Sick Care to Health Care, Vienna, Budapest, and Bucharest, Course Co-Director
- 6/14 27th Annual International Cardiovascular Disease Prevention Symposium Update 2014: From Sick Care to Health Care, Vienna, Budapest, and Bucharest, “Biventricular Pacing for Left Ventricular Dysfunction and AV Block: BLOCK- HF”
- 6/14 27th Annual International Cardiovascular Disease Prevention Symposium Update 2014: From Sick Care to Health Care, Vienna, Budapest, and Bucharest, “Treatment Options to Prevent Stroke in Patients with Nonvalvular Atrial Fibrillation”
- 6/14 27th Annual International Cardiovascular Disease Prevention Symposium Update 2014: From Sick Care to Health Care, Vienna, Budapest, and Bucharest, “Early Risk Management of Sudden Cardiac Death and the Role of the Wearable Cardioverter Defibrillator”
- 7/14 GWTG-AF webinar: “The New Treatment Guidelines for Atrial Fibrillation: What You Need to Know”
- 8/14 Advanced Design and Manufacturing Impact Forum, American Society of Mechanical Engineers, Buffalo NY. “Medical Devices & Life Sciences: Developing New/Novel Medical Devices,” Chair
- 10/14 American College of Cardiology New York State Chapter Annual Meeting, Albany, NY, “Debate: We Should Not Screen Athletes for Heart Disease!”
- 11/14 Medicine Grand Rounds, Buffalo General Medical Center, Buffalo, NY, “The New Treatment Guidelines for Atrial Fibrillation: What You Need To Know”

- 2/15 Medical residents' lecture series, University at Buffalo, Buffalo, NY, "Management of Atrial Fibrillation and Atrial Flutter"
- 2/15 Association of Professors of Medicine, Dana Point, CA, New Chairs Program, "What I Learned in My First Two Years as Chair," panelist
- 2/15 Association of Professors of Medicine, Dana Point, CA, New Chairs Program, "Managing Up, Managing Down," panelist
- 5/15 Promotion Workshop, University at Buffalo, Buffalo, NY, "Clinical Scholars: The Road to Success"
- 7/15 28th Annual International Cardiovascular Disease Prevention Update: From Sick Care to Health Care, Quito, Ecuador and Lima Peru, Course Co-Director
- 7/15 28th Annual International Cardiovascular Disease Prevention Update: From Sick Care to Health Care, Quito, Ecuador and Lima Peru, "The New Treatment Guidelines for Atrial Fibrillation: What You Need to Know"
- 7/15 28th Annual International Cardiovascular Disease Prevention Update: From Sick Care to Health Care, Quito, Ecuador and Lima Peru, "Sex Differences in Utilization and Response to Implantable Device Therapy"
- 7/15 28th Annual International Cardiovascular Disease Prevention Update: From Sick Care to Health Care, Quito, Ecuador and Lima Peru, "Screening of Athletes for Cardiovascular Disease: Is an ECG Necessary?"
- 2/16 Women in EP Cardiac Arrhythmia Symposium, Miami, FL, "Leadership Roles for Women in Cardiology: Developing Leadership Skills and Identifying Opportunities"
- 2/16 Cardiology fellows' conference, University at Buffalo, Buffalo, NY, "Management of Atrial Fibrillation and Atrial Flutter"
- 6/16 29th Annual International Cardiovascular Disease Symposium: Update 2016: From Intervention to Prevention, Croatia, course co-director
- 6/16 29th Annual International Cardiovascular Disease Symposium: Update 2016: From Intervention to Prevention, Croatia, "Catheter Ablation of Atrial Fibrillation: Patient Selection, Techniques, and Outcomes"
- 6/16 29th Annual International Cardiovascular Disease Symposium: Update 2016: From Intervention to Prevention, Croatia, "Peri-procedural Anticoagulation: Stop It, Continue It, or Bridge It?"
- 10/16 NY Chapter of the American College of Physicians, Buffalo, NY, "What's Changed in the Management of Atrial Fibrillation in 2016?"
- 2/17 Mini-Med School, University at Buffalo, Buffalo, NY, "Rhythms of the Heart"

- 2/17 Medicine Grand Rounds, Mercy Hospital, Buffalo, NY, “Managing Atrial Fibrillation: What You Need to Know”
- 4/17 Medicine Grand Rounds, Kenmore Mercy Hospital, Buffalo, NY: Managing Atrial Fibrillation: What You Need to Know
- 6/17 30th Annual Congress on Cardiovascular Disease Prevention, Reykjavik, Iceland, “The Role of Cardiac Devices in Chronic Heart Failure: The Heart Failure Electrophysiology Connection”
- 6/17 30th Annual Congress on Cardiovascular Disease Prevention, Dublin, Ireland, “Pacing in Patients with AV Block: What Are the Options?”
- 10/17 Hartford Healthcare Annual Cardiovascular Symposium, Hartford, CT, “Managing Atrial Fibrillation: What You Need to Know”

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