CURRICULUM VITAE Robert J Chilton

GENERAL INFORMATION

PERSONAL DATA:

Date of Preparation: 12/13/2012

Address:	
Phone Number:	(210) 617-5100
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Email Address:	CHILTON@UTHSCSA.EDU

EDUCATION:

<u>Year</u>	<u>Degree</u>	<u>Discipline</u>	Institution/Location
1972	DO	Medicine	University of Osteopathic Medicine and Surgery, Des Moines, IA
1968	BS	Biology/Physics	Phillips University, Enid, OK

TRAINING:

Post Doctoral Fellowship

<u>Year</u>	<u>Discipline</u>	Institution/Location
1975-1978	Cardiology	Wilford Hall USAF, San Antonio, TX

Residency

<u>Year</u>	<u>Discipline</u>	Institution/Location
1973-1975	Medicine Residency	University of Oklahoma, Oklahoma City, OK
1972-1973	Internal Medicine/Internship	Wright Patterson AFB, Dayton, OH

ACADEMIC APPOINTMENTS:

March 2006-Presen	t Professor	University of Texas Health Science Center, Department of Medicine, San Antonio, TX
01/1986 – Feb 06	Associate Professor	University of Texas Health Science Center, Department of Medicine, San Antonio, TX

01/1980 - 01/1986	Assistant Professor	University of Texas Health Science Center, Department of Medicine, San Antonio, TX
01/1980 - 01/1983	Associate Professor	Uniformed Services Medical School, Department of Medicine
01/1978 - 01/1980	Instructor	University of Texas Health Science Center, Department of Medicine, San Antonio, TX

NON-ACADEMIC APPOINTMENTS:

01/2009- Present	Medical Director: Invasive Cardiopulmonary Te St Phillips College: San Antonio, Texas	echnicians Training
01/2003 - Present	Cardiology Consultant to NASA	
01/1999 - Present	Director of Catheterization Lab	Audie Murphy/UTHSCSA, San Antonio, TX
01/1986 - Present	Director of Electrophysiology Lab	Audie L Murphy VA Hospital/UTHSCSA, San Antonio, TX
01/1982 - 01/1986	Private Practice Electrophysiology/Interventional Cardiology	
01/1978 - 01/1982	Consultant to the AOA on Cardiovascular Rehabilitation USAF	USAF
01/1978 - 01/1982	Cardiology Consultant for Department of Defense (TRIMMIS)	USAF
01/1978 - 01/1982	Member, Wilford Hall USAF Resident/Intern Interviewing	USAF
01/1979 - 01/1982	Director of Cardiac Rehabilitation Program USAF	USAF
01/1979 - 01/1982	Education Coordinator for Cardiology Service USAF	
01/1979 - 01/1982	Visiting Cardiology Consultant for USAF	USAF
01/1979 - 01/1982	Director of 916 cardiopulmonary Training Program USAF	

CERTIFICATION AND LICENSURE:

Board Certification

Description/Agency	<u>Status</u>	<u>Date</u> Acquired	<u>Number</u>	Expiration
Clinical Interventional Cardiology	Certified	11/2002	available upon	n/a

			request	
Clinical Cardiac Electrophysiology	Certified	10/1995	available upon request	n/a
Cardiovascular Diseases/Cardiovascular Diseases	Certified	07/1979	available upon request	n/a

Certification

Description/Agency	<u>Status</u>	<u>Date</u> Acquired	<u>Number</u>	Expiration
Affiliate Faculty/BCL Regional Faculty ACLS Provider - American Heart Association	Certified	10/2004	available upon request	available upon request
Controlled Substance Registration Certificate - Dru Enforcement of Administration (DEA) United States Department of Justice	•	09/2004	available upon request	available upon request
Texas Controlled Substances Registration Certificate - Texas Department of Public Safety	Certified	03/2004	available upon request	available upon request
Medical License - Texas State Board of Medical Sponsors	Certified	08/1996	available upon request	available upon request

TEACHING

COURSE BASED TEACHING:

<u>Date</u>	Course Name	Level	<u>Role</u>
08/1999- Current	Cardiology Fellow Teaching Lectures	Post Graduate	
08/1999 - Current	MEDI4077 Ekg/Heart Sound Rotation	Post Graduate	
Preparation H	lrs: 1, Student Contact Hrs: 2		

Honors Researcher of the Year AOA/ACOI 2009

Outstanding Teacher Award from Internal Medicine Residents 1980 Wilford Hall USAF Medical Center

USAF Teacher Designation

Outstanding Teacher Award from senior medical student class 1994, University of Texas Health Science Center

Co-Chairman National AHA NPAM/EPI meeting March @2008

RESEARCH

Investigator/Co Investigator

Robert Chilton, International Study of Comparative Health Effectiveness With Medical and Invasive Approaches (ISCHEMIA), NHLBI 2012

Robert Chilton, ALECARDIO: Phase III clinical investigation for aleglitazar (PPAR coagonist) to reduce cardiovascular morbidity and mortality in high risk (ACS) patients with Type 2 diabetes mellitus

Jorge Plutzky, Robert Chilton, John Buse, C Still, C Burns, Dennis Kim. Weight Loss, Blood Pressure, Pulse, and Circadian Patterns with Naltrexone Sustained-release/Bupropion Sustained-release. ACC 2011

Chilton, Robert J; Jorge Plutzky; Whedy Wang; John Buse. Naltrexone SR/Bupropion SR Combination Therapy Improves Predicted 10-Year Risk of Cardiovascular Disease, Coronary Heart Disease, Myocardial Infarction, and Congestive Heart Failure, was accepted for poster presentation at Obesity 2011 - the 29th Annual Scientific Meeting of The Obesity Society, which will be held in Orlando, FL.

Nguyen Nguyen¹, Xiaolin Zhang¹, Yunji Wang¹, Galen Schimdt¹, Richard A. Lange², Robert J. Chilton², Hai-Chao Han³, Merry L. Lindsey², and Yu-Fang Jin¹. Targeting Myocardial Infarction-Specific Protein Interactions Using Computational Analyses. NHLBI Proteomics Centers 2nd Investigators' Meeting July 2011

Protocol Number NC14983A. A comparison of the effects of Mibefradil vs Placebo for 3 weeks in patients with chronic stable angina pectoris. 1994-96

D-Sotalol in Treatment of Atrial Fibrillation. 1994-1998

D-Sotalol in Non-sustained Ventricular Tachycardia. 1994-1998

IV D-Sotalol in Ventricular Tachycardia. 1994-1998

South West Atherosclerosis Trial (SWAT). 1994-1998

Survival With Oral D-sotalol (SWORD). 1994-1998

Mortality Associated with Congestive Heart Failure (MACH-1). International Survival Trial. 1994-1998

Treat Angina with Aggrastat and determine cost of therapy with an Invasive or Conservative strategy (TACTICS-TIMI-18) 1988

Azimilide Post Infarction Survival Evaluation (ALIVE) 1998

Atherectomy before MultiLink Improves Lumen Gain and Clinical Outcome (AMIGO) 1998

Controlled Abciximab and Device Investigator to Lower Late Angioplasty Complications (CADILLAC) 1998

Stent Implantation Post Rotational Atherectomy Trial (SPORT) 1998

The second optimal stent Implantation Study II (OSTI-II) 1998

VA Cooperative Study # 385. Urgent Revascularization in Unstable Angina 1998 ongoing

CADILLAC: Randomized comparison of the ACS Multi-Link Duet with or without Abciximab vs PTCA with or without Abciximab in the treatment of patients with acute MI. 1999

AMIGO: Angiographic restenosis between the ACS Multi-Link with or without DCA in de novo and restenotic native coronary artery lesions 1999

BETA-CATH: Evaluate the safety and effectiveness of 90 Strontium vs Placebo in De novo and restenotic lesions of native coronary arteries 1999

r-FBF-2 (CHIRON): Evaluate safety, pharmacokinetics and efficacy of 3 doses of rFGF-2 vs placebo in patients with coronary artery disease. 1999

MCC135:Phase 2a safety and tolerability of 500 mcg/kg in patients with heart failure due to LV dysfunction 1999

REVERSAL: 18 months of treatment of atorvastatin or pravastatin on coronary artery disease using IVUS imagine of coronaries. 1999

HEDGEHOG: Hedgehog burr testing on native coronary artery disease compared to current Rotablator system. 1999

PRESTO: Clinical event rate trial on Tranilast to Placeob during 9 month follow up in patients having interventions 1999

CREDO: Double blind randomized trial of clopidogrel and asa in patients with coronary artery disease having interventional procedure. 1999

PILOT: Safety and efficacy of treatment with the EndiCOR X Sizer during treatment of SVG and native coronary artery lesions suspected of thrombus. 1999

A Safety and Dose Finding Study of Coronary Vascular Responses to MRE0470 after PTCA 2000

Phase II Multicenter, Double Blind, Placebo Controlled Dose Finding Study for Recombinant Fibroblast Growth Factor-2 (rFBF-2) in CAD 2000

Controlled Abciximab and Device Investigation to Lower Late Angioplasty Complications 2000

Biocompatibles BiodivYsio Stent Randomized Controlled Trial (DISTINCT)2000

Medtronic AVE High Scaffolding SVG Registry 2000

Stent Implantation Post Rotational Atherectomy Trial Sport Trial 2000

A prospective, randomized, placebo controlled, triple masked trial to evaluate safety of Novoste Beta-Cath System in the Treatment of In-stent restenosis (START) 2000

ENTIRE – TIMI 23: A phase II Stratified, Randomized Open Label Angiographic Trial to Assess safety of Enoxaparin as an Adjunct to Thrombolytics with GP 2b/3a in AMI 2000

X-Sizer for Treatment of Thrombus and Atherosclerosis in Coronary Intervention Trial 2000

A prospective randomized double blind multi-center Trial comparing Atorvastatin vs Pravastatin on Progression of CAD by IVUS (REVERSAL) 2000

SAGE -- Study assessing goals in elderly 2001

NHLBI- Clinical Outcomes Utilizing Revascularization and Drug Evaluation (COURAGE) ongoing 2001

NHLBI- Bypass Angioplasty Revascularization Investigation-BARI-2D (Diabetes) ongoing 2001

SYNERGY – A prospective randomized open label multi-center trial in patients presenting with acute coronary syndromes (ACS) 2001

A- Z Trial Project number 696 (Acute Coronary Syndrome) Aggrestat to Zocor 2001

BETACATH-Radiation to Instent Restenosis of Coronary Artery 2001

BRITE II-Beta radiation to reduce instent restenosis 2001

CORLOPAM Trial - Renal insuffiency patients have coronary artery interventions 2001

Filter Wire-SVG Transluminal intervention 2001

HIPS- Heparin infusion prior to stenting 2001

LARS-Laser angioplasty for restenosis of stents 2001

TIMI 23 Phase 2 Stratified Randomized Open Labeled Angiographic Trial to assess Safety and Efficacy of Enoxaparin as Adjunct to Thrombolytic Therapy 2001

EXSIZER for treatment of thrombus and atherosclerosis in coronary interventional trials 2001

SWING-sound wave inhibition for neointimal hyperplasia 2002

CARP Trial-Severe Vascular Disease and Revascularization 2002

A Prospective, Multicenter, Randomized Controlled Study to Evaluate the Safety and Efficacy of the Integrated Vascular Systems Arterial Closure Device Versus Standard Compression 2002

A randomized comparison of Angiomax[®] (bivalirudin) versus Lovenox[®]/Clexane[®] (enoxaparin) in patients undergoing early invasive management for acute coronary syndromes without ST-segment elevation 2002

CardioShield Application Protects DuringTransluminal Intervention of <u>Vein</u> Grafts by Reducing Emboli 2002

A Phase 2, Multicenter, Double-Blind, Placebo-Controlled, Dose-Ranging Study to Evaluate the Safety and Efficacy of BO-653 in the Prevention of Post-Angioplasty Restenosis in Stented Lesions: THE PREVAIL STUDY. Protocol BO-004 2002

Coral Registry Coronary Grafts Results following Atherectomy with Laser 2002

Complex Bifurcation Atherectomy Trial 2002

Patient Informed Consent Form for Participation In JOMED JOSTENT[®] SVG BARRICADE Trial (The Barrier Approach to Restenosis: Restrict Intima and Curtail ADverse Events) 2003

A Randomized, Double-blind Placebo-controlled Study to Assess the Safety of Factor VIIa/Tissue Factor Inhibitor, Recombinant Nematode Anticoagulant Protein c2(rNAPc2), in Subjects with Non-ST-Elevation Acute Coronary Syndromes-[ANTHEM (Anticoagulation with NAPc2 To Help Eliminate MACE)/TIMI 32] 2003

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of the Efficacy and Safety of the ACAT Inhibitor CS-505 for Reducing the Progression of Atherosclerosis in Subjects with Coronary Artery Disease using Intravascular Ultrasound (IVUS) 2003

Across – CYPHER - Approaches to Chronic Occlusion with Sirolimus Stents – Cypher® (ACROSS-Cypher®) 2003

ACUITY (NSTEMI/ACS) IRB # 034-5001-318:

A randomized comparison of Angiomax[®] (bivalirudin) versus Lovenox[®]/Clexane[®] (enoxaparin) in patients undergoing early invasive management for acute coronary syndromes without ST-segment elevation 2003

ANTHEM (NSTEMI/ACS) IRB # 023-5001-077:

A Randomized, Double-blind Placebo-controlled Study to Assess the Safety of Factor VIIa/Tissue Factor Inhibitor, Recombinant Nematode Anticoagulant Protein c2(rNAPc2), in Subjects with Non-ST-Elevation Acute Coronary Syndromes-[ANTHEM (Anticoagulation with NAPc2 To Help Eliminate MACE)/TIMI 32] 2003

Capture (Carotid) IRB # 045-5001-169:

A post-approval study of the Guidant Acculink stent systems and Accunet embolic protection systems (Carotid RX <u>A</u>CCULINK/ACCUNET Post- Approval Trial to Uncover <u>Unanticipated and Rare Events</u> – "CAPTURE") 2003

CLOSURE I (PFO) IRB # 034-5001-146:

A Prospective, Multicenter, Randomized, Controlled Trial To Evaluate The Safety And Efficacy Of The Starflex® Septal Closure System Versus Best Medical Therapy In Patients With A Stroke And/Or Transient Ischemic Attack Due To Presumed Paradoxical Embolism Through A Patent Foramen Ovale 2003

EARLY ACS (Integrilin) (NSTEMI/ACS) IRB # 045-5001-034:

Early Glycoprotein IIb/IIIa Inhibition in Non-ST-segment Elevation Acute Coronary Syndrome: A Randomized, Placebo-Controlled Trial Evaluating the Clinical Benefits of Early Front-loaded Eptifibatide in the Treatment of Patients with Non-ST-segment Elevation Acute Coronary Syndrome (EARLY ACS) 2004

EVEREST I (MV-Clip - MR) IRB # 034-5001-436: Endovascular Valve Edge-To Edge Repair Study (EVEREST I) 2004

Pfizer IRB # 034-5001-076:

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of the Efficacy and Safety of the ACAT Inhibitor CS-505 for Reducing the Progression of Atherosclerosis in Subjects with Coronary Artery Disease using Intravascular Ultrasound (IVUS) 2004

STRADIVARIUS (IVUS/ Rimonabant) IRB # 045-5001-116: Strategy to Reduce Atherosclerosis Development Involving Administration of Rimonabant – The Intravascular Ultrasounds Study (STRADIVARIUS) 2004

TRIUMP (Unstable AMI) Tilarginine Acetate Injection in a Randomized International Study in Unstable AMI Patients / Cardiogenic Shock (TRIUMPH) 2004

APPROACH - (Diabetic-IVUS-Rosiglitazone) A Phase III, 18-month, Multicenter, Randomized, Double-Blind, Active Controlled Clinical Trial to Compare Rosiglitazone versus Glipizide on the Progression of Atherosclerosis in Subjects with Type 2 Diabetes Mellitus and Cardiovascular Disease 2004

WATCHMAN [®] Left Atrial Appendage Filter System for Embolic <u>PROTECT</u>ion in Patients with <u>Atrial</u> <u>Fibrillation</u> (PROTECT AF) <u>IRB # 045-5001-154</u>: [®] Left Atrial Appendage System for Embolic <u>PROTECT</u>ion in Patients with <u>Atrial Fibrillation</u> (PROTECT AF). 2004

PERISCOPE (IVUS - ACTOS - DM)

"A Double-Blind, Randomized Comparator-Controlled Study in Subjects with Type 2 Diabetes Mellitus Comparing the Effects of Pioglitazone HC versus Glimepiride on the Rate of Progression of Coronary Atherosclerotic Disease as Measured by Intravascular Ultrasound." – "PERISCOPE" 2004

JOSTENT (Registry) IRB # 034-5001-376: Use of Humanitarian Device, the JOESTENT® Graft Master Coronary Stent Graft 2004

Proximal Protection during Saphenous Vein Graft Intervention Using the Proxis Embolic Protection System: A Randomized, Prospective, Multicenter Clinical Trial. 2004

TENACITY (PCI- tirofiban vs. abciximab)

A Randomized, Multicenter, Double-Blind, Abciximab-Controlled Study to Evaluate the Efficacy of Tirofiban versus Abciximab among Subjects Undergoing Percutaneous Coronary Intervention with Stent Placement Receiving Bivalirudin or Heparin (TENACITY). Protocol number: 0120-0401 IND# 38899 2004

Clip: A Prospective, Multicenter, Randomized Controlled Study to Evaluate the Safety and Efficacy of the Integrated Vascular Systems Arterial Closure Device Versus Standard Compression, Protocol 640-0041-04 2004

Barricade IRB # 012-5001-314 2005

MERLIN (Ranolazine - NSTEMI/ACS)

Randomized, Double Blind, Parallel-Group, Placebo-Controlled Multinational, Clinical Trial to Evaluate the Efficacy and Safety of Ranolazine versus Placebo in Patients with Non-ST Segment Elevations Acute Coronary Syndromes. – MERLIN - (CVT # 3036) 2004

Security IRB # 012-5001-192 2005

ACTIVATE

A Randomized, Double-Blind, Placebo-controlled, Parallel-group Study of the Efficacy and Safety of the ACAT Inhibitor CS505 for Reducing the Progression of Atherosclerosis in Subjects with Coronary Artery

Disease using Intravascular Ultrasound (IVUS) 2004 Prevail (IRB # 012-5001-032) 2005

COMBAT IRB # 023-5001-062 2005

VOLCANO Registry (IVUS) IRB # 045-5001-067 2005

CORAL Registry: Coronary Graft Results Following Atherectomy with Laser 2005

CoStar II

A Prospective, Multicenter, Two-Arm, Randomized, Controlled, Trial of the Conor Costar Paclitaxel-Eluting Coronary Stent System versus the Taxus Drug-Eluting Coronary Stent System in Patients with DeNovo Lesions of the Native Coronary Arteries 2005

RADAR Pending 2005

Competent Pending 2005

EVOLVE (MCC-135) A Phase IIa, Randomized, Double-Blind, Placebo-Controlled Clinical Trial to Examine the Safety and Efficacy of Intravenous MCC-135 as an Adjunct to Standard Therapy with Primary PCI in Patients Diagnosed as Having an ST Elevation Acute Myocardial Infarction 2005

2006

Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of the Efficacy and Safety of the ACAT Inhibitor CS-505 for Reducing the Progression of Atherosclerosis in Subjects with Coronary Artery Disease using Intravascular Ultrasound (IVUS) *(ACTIVATE)*

A Randomized, Double-blind Placebo-controlled Study to Assess the Safety of Factor VIIa/Tissue Factor Inhibitor, Recombinant Nematode Anticoagulant Protein c2(rNAPc2), in Subjects with Non-ST-Elevation Acute Coronary Syndromes-[ANTHEM (Anticoagulation with NAPc2 To Help Eliminate MACE)/TIMI 32] (ANTHEM)

A randomized comparison of Angiomax[®] (bivalirudin) versus Lovenox[®]/Clexane[®] (enoxaparin) in patients undergoing early invasive management for acute coronary syndromes without ST-segment elevation *(ACUITY)*

A Post –Approval Study of the Guidant Acculink Stent Systems and Accunet Embolic Protection System (CAPTURE)

Early Glycoprotein IIb/IIIa Inhibition in Non-ST-segment Elevation Acute Coronary Syndrome: A Randomized, Placebo-Controlled Trial Evaluating the Clinical Benefits of Early Front-loaded Eptifibatide in the Treatment of Patients with Non-ST-segment Elevation Acute Coronary Syndrome (*EARLY ACS*)

Strategy To Reduce Atherosclerosis Development InVolving Administration of Rimonabant – The Intravascular Ultrasounds Study (*STRADIVARIUS*)

Tilarginine Acetate Injection in a Randomized International Study in Unstable AMI Patients / Cardiogenic Shock (*TRIUMPH*)

A Phase III, 18-month, Multicenter, Randomized, Double-Blind, Active-Controlled Clinical Trial to Compare Rosiglitazone versus Glipizide on the Progression of Atherosclerosis in Subjects with Type 2 Diabetes Mellitus and Cardiovascular Disease (*APPROACH*)

A comparison of CS-747 and Clopidogrel in Acute Coronary Syndrome Subjects Who are to Undergo Percutaneous Coronary Intervention' TIMI-38; H7T-MC-TAAL is a Phase 3, Multicenter, Randomized, Parallel-Group, Double Blind, Double-Dummy, Active-Controlled Study in Subjects with Acute Coronary Syndrome (ACS), Who Are To Undergo Percutaneous Coronary Intervention (PCI)." *(TRITON)*

The Volcano Registry. (VOLCANO)

Jostent SVG Trial: - "A Prospective, Randomized Trial of Stenting in Diseased Saphenous Vein Grafts with the JoMed Jostent Coronary Stent Graft vs. Standard Stenting. *(BARRICADE)*

"A Randomized, Double Blind, Parallel-Group, Placebo-Controlled Multinational, Clinical Trial to Evaluate the Efficacy and Safety of Ranolazine versus Placebo in Patients with Non-ST Segment Elevations Acute Coronary Syndromes. – (*MERLIN*)

"A Double-Blind, Randomized, Comparator-Controlled Study in Subjects with Type 2 Diabetes Mellitus Comparing the Effects of Pioglitazone HCL versus Glimepiride on the Rate of Progression of Coronary Atherosclerotic Disease as Measured by Intravascular." *(PERISCOPE)*

APPROACH - "A Phase III, 18 Month, Multicenter, Randomized, Double-Blind, Active-Controlled Clinical Trial to Compare Rosiglitazone versus Glipizide on the Progression of Atherosclerosis in Subjects with Type 2 Diabetes Mellitus and Cardiovascular Disease"

CURRENT – "<u>C</u>lopidogrel optimal loading dose <u>U</u>sage to <u>Reduce</u> <u>Recurrent</u> <u>EveNT</u>s

EARLY ACS - Early Glycoprotein IIb/IIIa Inhibition in Non-ST-segment Elevation Acute Coronary Syndrome: A Randomized, Placebo-Controlled Trial Evaluating the Clinical Benefits of Early Front-loaded Eptifibatide in the Treatment of Patients with Non-ST-segment Elevation Acute Coronary Syndrome (EARLY ACS)

DIVERGE TRIAL - "Drug Stent Intervention for Treating Side Branches Effectively" (Axxess Plus Stent with *Biolimus A9)

SWAT TRIAL - The SWAT Trial - <u>StarClose®</u> SE <u>W</u>ithout <u>A</u>natomical Limi<u>T</u>ations - "A Prospective, Multicenter, Single Arm Study To Evaluate The StarClose® Vascular Closure System In High Risk Subjects Undergoing 5 & 6 Fr Diagnostic Catheterization Procedures

T- C WYRE - TAXUS Express² Stent vs. Cypher Stent - What's your Real Life Experience?

VA COOP study 557 IRB hsc20070710H Coronary Artery Revascularization in Diabetes Study

BARI 2D ongoing follow up

COURAGE ongoing follow up

IRS # HSC 20080040H Protocol No: P07-6330 (The CYPHER®ELITE [™]Study)A Prospective, Single-Blind, Randomized, Multi-Center Study Comparing the CYPHER®ELITE [™] to the CYPHER® Bx VELOCITY® Sirolimus-Eluting Stent Systems

Start Date: 9/16/2008 IRB# HSC20080418H - SATURN STUDY: Study of Coronary Atheroma by InTravascular Ultrasound: Effect of Rosuvastatin Versus AtorvastatiN (SATURN) A 104-week, randomized, double-blind, parallel group, multi-center Phase 111b study comparing the effects of treatment with rosuvastatin 40mg or atorvastatin 80mg on atherosclerotic disease burden as measured by intravascular ultrasound in patients with coronary artery disease (SATURN acronym composed of S(tudy A(theroma) (In) T(ravascular) U(Itrasound R(osuvastatin) (Atorvastatin)

Cardiovascular Outcomes study to evaluate the potential of aleglitazar to reduce cardiovascular risk in patients with a recent acute coronary syndrome (ACS) event and type 2 diabetes mellitus (T20) (VA Project #0003/HSC20100232H)

ISCHEMIA (International Study of Comparative Health Effectiveness with Medical and Invasive Approaches)-Accepted Pending NIH funding

NHLBI Proteomic Center Award, Co-investigator

RESOLUTE US stent trial (n=1,399) is a large, prospective, multicenter, controlled single-arm trial with a primary endpoint of target lesion failure (TLF) at 12 months

CSI/Orbit study with Orbital Atherectomy System for coronary artery disease

OTAMIXABAN VS. UNFRACTIONATED HEPARIN+EPTIFIBATIDE IN ELDERLY PATIENTS WITH NON-ST-ELEVATION ACUTE CORONARY SYNDROMES IN THE SEPIA-ACS1 TIMI 42 TRIAL

SYMPLICITY HTN-3 is a single-blind, randomized controlled trial designed to evaluate the safety and effectiveness of renal denervation with the company's Symplicity catheter system in patients with resistant hypertension

A 104 week, randomized, double-blind, placebo-controlled, parallel-group, multicenter study to evaluate the efficacy of aliskiren on the progression of atherosclerosis in patients with coronary artery disease when added top optimal background therapy

Can hypothermia be incorporated into Primary Angioplasty for Heart Attack

A clinical evaluation of Medtronic Endeavor Resolute Zotarolimus-Eluting Stent

ACS patient randomized to Otamixaban or eptifibatide with unfractionated heparin

Educational Material

Chilton RJ, Van Belle E, Cefalu WT, Ratner RE. Building New Strateiges: Vascular Consequences of Diabetes. CD Rom Symposium Proceedings and Slide Resources AHA. CME Consultants July 2007

Chilton RJ. Cardiovascular disease in diabetics. 2004 Mar. p. 1-38. (<u>University of Teleconference Network</u>).

Chilton RJ. Cardiology American Board of Internal Medicine Textbook 2004:217-310

Chilton RJ. Treatment Considerations for the Vulnerable Plaque: Update <u>University of Texas Health</u> <u>Science Center</u> 2003 Mar:1-28.

Chilton RJ. Cardiology American Board of Internal Medicine Textbook 2003:313-413

Chilton RJ. Treatment for Stable Angina: Update <u>University of Texas Health Science Center</u> 2000 Feb:1-42

Chilton RJ. Treatment of Hyperlipidemia for the Practicing Physician <u>University of Texas Health Science</u> <u>Center</u> 2000 Mar:1-32.

Chilton RJ. Cardiology American Board of Internal Medicine Textbook 1999:241-429.

Chilton RJ. Pre-Op Evaluation for the Cardiac Ptient for Non Cardiac Surgery. <u>University of texas Health</u> <u>Science Center</u> 1999 Oct:1-38.

Chilton RJ. Hypertension Update JNC-6. Monograph. 1999 Mar. p. 1-30. (<u>Teleconference Network of</u> <u>Texas</u>).

Chilton RJ. Syncope. Monograph 1999 Jan. p. 1-16. (University of Texas).

Chilton RJ. Risk Factor Assessment in Clinical Practice 1999. p. 1-32. (Monograph).

Chilton RJ. Clinical Aspects of Endothelial Dysfunction 1997. p. 1-67. (UTHSCSA).

Chilton RJ. Atrial Fibrillation-use of antiarrhythmic drugs (Monograph). 1997

Chilton RJ. Endothelium from Bench to Bedside 1996. p. 1-45. (UTHSCSA).

Chilton RJ. Pressure Volume Loops and Clinical Disease: <u>www.amplatz.uthscsa.edu</u> 1995

Chilton RJ. Introduction to Molecular Cardiology 1995. p. 1-53. (UTHSCSA).

Chilton RJ. Aorta myocardial infarction-cellular etiologies. 1994 Nov. p. 1-54. (Monograph).

Chilton RJ. Advanced Arrhythmia Diagnosis and Management 1994 Feb. p. 1-4. (University of Texas).

Chilton RJ, Hibner C.. Clinical electrocardiography 1994 Feb. p. 1-63. (<u>Textbook University of Texas</u> <u>Health Science Center</u>).

Chilton RJ. Atrial Fibrillation-current use of anticoagulants 1994 Feb. p. 1-63. (Monograph).

Chilton RJ. Secondary Prevention after MI 1994 Feb. p. 1-67. (Monograph)

Chilton RJ. Plaque stabilization-lipids 1994 1994 Jan. p. 1-57. (Monograph).

Chilton RJ. Current update in CHF 1994 Jan. p. 1-38. (monograph).

Chilton RJ. Treatment of the acute MI 1994 Jan. p. 1-56. (Teleconference of Texas).

Chilton RJ. Current concepts in the treatment of atrial fibrillation. Monograph 1993 Nov. (<u>University of Texas</u>).

Chilton RJ. New directions in thrombolytic treatment. Monograph 1993 Nov. p. 1-29. (University of Texas).

Chilton RJ. Women and heart disease 1993 Nov. p. 1-32. (Monograph).

Chilton RJ. Treatment of the acute myocardial infarction in ICU. Monograph 1993 Aug. (University of Texas Health Science Center).

Chilton RJ. Evaluation and treatment of sudden cardiac death. Monograph 1993 Jul. p. 1-28. (University of Texas).

Chilton RJ. Hypertension guidelines: JNC-5. Monograph 1993 Jul. p. 1-21. (Teleconference Network of

<u>Texas.</u>).

Chilton RJ. Emerging perspectives in ACD inhibition: Focus on the VA patient. Monograph. 1993 Mar. p. 1-12. (Philadelphia College of Pharmacy and Science.)

Chilton RJ. Therapeutic nutrition. 1993 Jan. p. 37-93. (Chapter Low Sodium Diet in Hypertension).

Chilton RJ, Rosas H, Hibner C.. Basic Electrophysiology 1992. p. 1-152. (Textbook).

Abstracts

Peter Toth, Elaine Chiquette, Robert Chilton: "Treatment with Exenatide Twice Daily and Once Weekly is Associated With Favorable Lipid Subclass Changes in Patients with Abnormal Baseline Values" NLA 2012

Elaine Chiquette, Robert Chilton, Peter Toth, "Reduction in Estimated 10-Year Coronary Heart Disease Risk Using Reynolds Risk Score: A Post-Hoc Analysis of Exenatide-Treated Patients with Diabetes". NLA 2012

Jorge Plutzky, Robert Chilton, John Buse, C Still, C Burns, Dennis Kim. Weight Loss, Blood Pressure, Pulse, and Circadian Patterns with Naltrexone Sustained-release/Bupropion Sustained-release. ACC 2011

Chilton, Robert J; Jorge Plutzky; Whedy Wang; John Buse. Naltrexone SR/Bupropion SR Combination Therapy Improves Predicted 10-Year Risk of Cardiovascular Disease, Coronary Heart Disease, Myocardial Infarction, and Congestive Heart Failure, was accepted for poster presentation at Obesity 2011 - the 29th Annual Scientific Meeting of The Obesity Society, which will be held in Orlando, FL.

Nguyen Nguyen¹, Xiaolin Zhang¹, Yunji Wang¹, Galen Schimdt¹, Richard A. Lange², Robert J. Chilton², Hai-Chao Han³, Merry L. Lindsey², and Yu-Fang Jin¹. Targeting Myocardial Infarction-Specific Protein Interactions Using Computational Analyses. NHLBI Proteomics Centers 2nd Investigators' Meeting July 2011

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Chilton RJ, Jacobs RL, Rake GW Jr., Fournier DC, Culver WG, Beckman CH. Potentiated anaphylaxis in patients with drug- induced beta-adrenergic blockade <u>J Allergy Clin Immunol</u> 1981;68(2):125-127.

Chilton R. Twenty-three years of addict reporting: a reanalysis of police supplied drug use data. J Psychoactive Drugs. 1981 Jul-Sep;13(3):255-66

Chilton RJ, Oliveros RA, Beckman CH. Emergency room recognition and management of cardiac arrhythmias <u>South Med J</u> 1981;74(12):1546-1547.

Chilton R, Miller RI, Johnson RP, Ryan DE. Cardiopulmonary resuscitation: a teaching aid. J Oral Surg. 1980 Jul;38(7):513-5

Chilton RJ, Oliveros RA, Stutts BS, Beckman CH. Echocardiographic systolic time intervals. Left ventricular performance in coronary artery disease <u>Arch Intern Med</u> 1980;140(2):240-243.

Chilton R, Oliveros RA, Boucher C, Ellis B, and Butcher E. Usefulness of systolic time intervals by echocardiography in assessment left ventricular performance in coronary artery disease <u>Chest</u> 1978;74(3):346

PRESENTATIONS:

11th Annual World Congress on Insulin Resistance 2012; Energy Starved Heart in Diabetes

National 2012 ACOI meeting: Cardiovascular Implications of New Antithrombotics

Cardiometabolic Health Congress (CMHC) 2012: Cardiovascular effects of GLP-1

APSAVD 2012 National Cardiology Annual Meeting: Genetic and molecular basis of atherosclerosis

14th Cardiovascular Summitt China: Vascular Effects of PPARs in Cardiovascular Disease 2012

National Lipid Association 2012 Scientific Sessions: Reduction in Estimated 10 year Coronary Heart Disease Risk using Reynolds Risk Score: A Post HOC analysis of Exenatide-Treated patients with type 2 diabetes: Elaine Chiquette, Gilbert Ramirez, Peter P. Toth, Michael Cobble, Robert Chilton

National Lipid Association 2012 Scientific Sessions: Treatment With Exenatide BID and QW for 30 Weeks was Associated With Favorable Lipid and Lipid Subclass Changes in Patients With Abnormal Baseline Values. Peter P. Toth, Robert Chilton, Gilbert Ramirez, Michael Cobble, Elaine Chiquette

26 Annual Indonesian Medical Association Scientific Sessions 2012: Current and Future Cardiovascular Disease Management

South American Congress of Cardiology 2012: Cardiovascular Risk Management in 2012: what to expect

World Congress of Cardiology, Dubai 2012 Scientific Sessions: Long term CV outcomes involving RAAS

World Congress of Cardiology, Dubai 2012 Scientific Sessions: Treatment of Hypertension: sympathetic blockade

National Lipid Association 2012 Annual Scientific Sessions: Targeting adiposopathy in the treatment of metabolic syndrome

Presented at the Obesity Society's 29 th Annual Scientific Meeting, October 1-5 2011, in Orlando, F: Naltrexone SR/Bupropion SR Combination Therapy Improves Predicted 10-Year Risk of Cardiovascular Disease, Coronary Heart Disease, Myocardial Infarction, and Congestive Heart Failure

Sept 2011, Presentation at EASD: Treatment with Exenatide BID and QW for 30 Weeks Was Associated With Favorable Lipid Subclass Changes

August 2011, Invited presentation American Association of Clinical Endocrinologists. Opening address: GLP-1 and CV disease: A look ahead

July 2011, Invited presentation at National Cardiology meeting in Jakarta. Metabolic vs environmental treatment in Cardiovascular Disease prevention

June 2011, Invited presentation Shanghai China Department of Medicine Lecture: Evolving Role of Pharmacotherapy in Vascular Hypertrophy

June 2011, Invited presentation 45th CV symposium Hong Kong - Global Risk Reduction: Lessons from COURAGE

WORLD CONGRESS OF CARDIOLOGY SCIENTIFIC SESSIONS 2010: 16–19 JUNE, BEIJING, China Presentation CV role of PPARs: Focus on IVUS, second invited talk: Antiplatelets vs statins reducing CV events

May 2010 Invited presentation Singapore 10th Annual National CV Convention. Role of pharmacotherapy in reducing atherothrombotic events.

September 2010: Fiesta Cardiology University of Texas Health Science Center: P2Y12

August 2010, Invited presentation at East Meets West in Cardiology, 2010 Bangkok Thailand. Metabolomics and Global Risk Reduction: Insulin resistance

August 2010: American Association of Diabetes Educators 37th National Meeting: Lecture Diabetes is Heart Disease

August 6, 2010: AADE National meeting: Lecture: Beyond Glucose Control the Vascular Bed

August 5, 2010: AADE National Meeting: Lecture: Clinical Trials in Type 2 Diabetes: Macrovascular Events

June 2010: Invited Speaker 70TH American Diabetes Meeting: Diabetes Close to the Heart

- June 2010: Invited speaker: 25th National Caribbean Cardiology Conference Current Therapeutic Challenge: Vulnerable Patient Traditional Risk Factors to Genomics
- June 2010: Invited speaker: World Congress of Cardiology, China PPARs and Cardiovascular System
- June 2010: Invited speaker: World Congress of Cardiology, China Diabetes and Cardiovascular Disease: Role of Current Therapies
- June 2010: Indonesia Cardiology Society Symposium: Role of TZD in Vascular Bed
- June 2010: Invited speaker: Hong Kong Cardiology Society: Role of ARBs in Diabetic CV Disease
- May 2010: Invited speaker: 50th Annual Convention and Scientific Sessions Taiwan Society of Cardiology Insulin Resistance Impact in Cardiovascular Metabolic Toxicity
- April 10: Pathobiology and Treatment of the Vulnerable Patient: National Society of Panama
- April 10: Global Risk Reduction in the 21st Century: Annual Dominican Republic Cardiology Meeting
- April 10: The Vulnerable Patient: Treatment Considerations: National Costa Rica Cardiology Meeting 2010
- Dec 09: New Trends in Cardiovascular Treatment: Targeting the High Risk Patient Pasay City, Asia
- Nov 09: National Endocrinology Meeting in China
- Aug 09: India: Cardiology Meeting in Hydrabad

Aug 09:	India: Endocrinology Meeting in Mumbai
July 09:	Vascular Biology Working Group Asian Meeting: The Vulnerable Plaque as a Target for lipid management
July 09:	Vascular Biology Working Group Asian Meeting: Lipid Management: combining statins and fibrates, what are the issues
July 08:	Masters in Lipidology Course Lecture: Pathogenesis of Atherosclerosis
July 08:	National Lipid Association National Meeting: Imaging as a Biomarker: Will it Change Patient Care?
July 08:	Singapore 7 Country Asian Summitt: Macrovascular Disease in Type 2 DM: Inside look at the coronary vasculature (PERISCOPE and Stradivarius)
July 08: June 08	National Malaysian Endocrine and Metabolic Sessions: Can We Slow the Progression of Macrovascular Disease in Type 2 Diabetes?
	ADA National meeting invited lecture: IVUS & Cardiovascular Effects of Obesity and Diabetes
May 08 Apr 08	Ventricular Ectopy and Ventricular Tachycardia- Can it be Cured. Lehigh Valley Medical Center
Mar 08	International Symposium on Heart Failure Mumbai India: Tissue Engineering "Future Considerations"
	American College of Cardiology: PERISCOPE "Clinical Implications of Surrogate Endpoints"
Sept 07	European Association for the Study of Diabetes. Invited Speaker: Cardiac Lipotoxicity
Sept 07 Nov 05	European Association for the Study of Diabetes. Invited Speaker: Cardiac Lipotoxicity Translational Biology of Heart Failure. ACP Army National Meeting, San Antonio, Texas
	Translational Biology of Heart Failure. ACP Army National Meeting, San Antonio, Texas Thomas Jefferson University Cardiology Grand Rounds: Diabetes and CV Disease Evolving
Nov 05	Translational Biology of Heart Failure. ACP Army National Meeting, San Antonio, Texas
Nov 05 Oct 05	Translational Biology of Heart Failure. ACP Army National Meeting, San Antonio, Texas Thomas Jefferson University Cardiology Grand Rounds: Diabetes and CV Disease Evolving Science
Nov 05 Oct 05 Oct 05	Translational Biology of Heart Failure. ACP Army National Meeting, San Antonio, Texas Thomas Jefferson University Cardiology Grand Rounds: Diabetes and CV Disease Evolving Science Temple University Grand Rounds:PPARs and CV Disease Pharmacogenomics and Cardiovascular Disease. Grand Rounds University of Oklahoma
Nov 05 Oct 05 Oct 05 8/2005	 Translational Biology of Heart Failure. ACP Army National Meeting, San Antonio, Texas Thomas Jefferson University Cardiology Grand Rounds: Diabetes and CV Disease Evolving Science Temple University Grand Rounds: PPARs and CV Disease Pharmacogenomics and Cardiovascular Disease. Grand Rounds University of Oklahoma Cardiology Division. Invited Region 6 Malaysia Society Meeting: CME: HDL and Treatment of Cardiovascular Disease-
Nov 05 Oct 05 Oct 05 8/2005 7/2005	 Translational Biology of Heart Failure. ACP Army National Meeting, San Antonio, Texas Thomas Jefferson University Cardiology Grand Rounds: Diabetes and CV Disease Evolving Science Temple University Grand Rounds: PPARs and CV Disease Pharmacogenomics and Cardiovascular Disease. Grand Rounds University of Oklahoma Cardiology Division. Invited Region 6 Malaysia Society Meeting: CME: HDL and Treatment of Cardiovascular Disease-CME Invited Malaysian Cardiovascular Society: CME: Vascular Biology in 21st Century Clinical

5/2005	Medicine Grand Rounds Oschner Clinic: CME: Cardiovascular Disease 21 st Century: Focus Diabetes and Vascular Biology Invited
5/2005	Cardiology Grand Rounds Oschner Clinic: Cardiodiabetes: Inside Look into the Future of Cardiology Invited
5/2005	Hawaiian Cardiovascular Summit: Beyond LDL reduction – HDL & PPARs Invited CME
5/2005	8 th Annual Asian Pacific Cardiology Symposium: Is Human Regression of Atherosclerosis Possible? Shanghai, China CME invited
5/2005	Queen Hospital Medical Grand Rounds: Heart Failure: Drugs & Devices: Focus Heart Failure
4/2005	SAN SALVADOR Cardiovascular Symposium: Global Risk Reduction: Beyond the Numbers Invited
4/2005	PANAMA CITY Cardiovascular Symposium: Multiple Risk Factor Intervention: Does it Work? CME invited
4/2005	GUATEMALA Cardiovascular Symposium: Targeting Total CV Risk: Benefits of Global Cardiovascular Risk Reduction CME invited
4/2005	TEGUCIGALPA Cardiovascular Symposium: Benefits of Global Cardiovascular Risk Reduction vs Interventional Procedures –Shared Benefits CME invited
3/2005	Capetown South Africa: 34th Annual CV Summit: Role of Endothelium in Health and Disease Invited
3/2005	Joberg South Africa: New Directions in Cardiovascular Treatment: Beyond LDL reduction Grand Rounds CME invited
3/2005	Free State South Africa: Diabetes and CV Disease: New Treatment Directions CME invited
3/2005	Durban South Africa 56 th Annual Cardiovascular Symposium: Role of Global Risk Reduction in Vascular Health CME invited
12/2004	Cardiology Grand Rounds- Baylor Medical School: Multiple Risk and Cardiovascular Prevention
11/2004	<u>Hypertensive Cardiovascular Disease "Focus on Clinical Vascular Biology"</u> , New Delhi: Medical Center Grand Rounds, New Delhi (India)
11/2004	Role of Cardiovascular Drugs in Plaque Stabilization, National Cardiology Meeting, National Cardiology Meeting, Hyderabad, India, Hyderabad, IN (India)
11/2004	Metabolic Syndrome and Cardiovascular Event: A New Target, American Heart Association Symposium, American Heart Association (New Orleans, LA)

11/2004	Lecture-Glitazones and Vascular Bed: Clinical Implications, 3rd Annual Cardiology Fellows Forum of Excellence AHA, AHA (New Orleans, LA)
11/2004	Role of Beta Blockers in Cardiovascular Protection, Boston Primed Meeting, Boston Primed Meeting (Boston)
11/2004	<u>New Agents in the Treatment of Hypertension: Reaching the New Targets</u> , Chairman for Regional Hypertension Symposium, Chairman for Regional American Society of Hypertension Symposium, San Antonio, TX
9/2004	Frankfurt Germany-9 th Annual International Stroke & CV Symposium CME invited
9/2004	Costa Rica Cardiology-National Endocrine Society Meeting: Global Risk Management in 21 st Century CME invited
9/2004	Endocrine Grand Rounds-Southwestern Medical School; Role of Cardiovascular Disease in the Diabetic Patient Invited
08/2004	Beyond Sugar with PPARs Opening address, Pennsylvania State Medical Association Meeting, Philadelphia, PA Invited CME
07/2004	The Vascular Wall and Cardiovascular Diseases University of Alabama, Internal Medicine Grand Rounds, AL CME Invited
07/2004	<u>A Look Inside Diabetic Coronary Arteries</u> , Cardiology Grand Rounds, University of Alabama, AL Invited CME
07/2004	<u>Management of the Intermediate Risk Patient</u> , Vascular Biology Working Group Symposium, Focus Global Risk Reduction CME invited
07/2004	<u>Recent Clinical Lipid Trail Update</u> , Regional Lipid Meeting, Focus on Diseases New Orleans, New Orleans, LA (Invited Speaker) CME
06/2004	Benefits of Global Risk Reduction in CV Disease Events, Texas Medical Association, Texas Medical Association (Invited Speaker) CME
06/2004	<u>Cardiology 2004 : Preparing for the Examination</u> , ABIM Board Review, American College of Physicians CME invited
06/2004	Metabolic Syndrome: Evaluation and Management of Cardiovascular Resk Factors, National Physicians Assistance Annual Meeting (Invited Speaker)
06/2004	Diabetes and CV Disease, UCLA Grand Rounds, UCLA (Invited Speaker-CME)

05/2004	Advancing Role of PPAR in Cardiovascular Disease, Heart Association Meeting, Heart Association, Lima, Peru (Invited Speaker)
05/2004	<u>Global Risk Reduction and Impact on Cardiovascular Events</u> , Lima Heart Association Meeting, Lima Heart Association, Lima, Peru (Invited Speaker)
05/2004	<u>Evolving Role of PPARs in Cardiovascular Disease</u> , Grand Rounds, Scripps Institute, San Diego, CA (Invited Speaker) CME
05/2004	<u>Diabetes and CV Disease: IVUS and PPARs</u> , Cardiology Grand Rounds, Baylor University, TX CME invited
05/2004	<u>Glitazone and The Heart</u> , Cardiology Grand Rounds Tulane University, Tulane University Invited CME
05/2004	How low should the Cholesterol go Go, Grand Rounds 6th Maui International Lipid Symposium, CV Disease 21st Century Maui Hawaii CME invited
04/2004	Beyond Glucose: Cardiovascular Risk and Treatment, 14th Annual Family Practice Meeting, University of Ohio School of Medicine, OH Invited CME
04/2004	Acute Coronary Syndrome and Statins Where do we go from Here?, NY National Lipid Summit NY, New York CME invited
04/2004	Diabetes and CV Disease, Endocrine Grands Rounds ULCA, LA, California CME invited
03/2004	Atrial Fibrillation Evolving Role of Catheter Ablation, Invitation to the Instituto Nacional de Cardiologia, Invitation to the Instituto Nacional de Cardiologia, Mexico City, MX CME invited
03/2004	<u>Global Risk Reduction & Vascular Events</u> , Hawaii University Grand Rounds, Hawaii University, Oahu, HI CME invited
03/2004	Acute Coronary Syndrome and Treatment Options, UTHSCSA Annual Family Practice Symposium, UTHSCSA, San Antonio, TX CME invited
03/2004	Vascular Wall Risk Factors: Focus on Diabetes, Medicine Grand Rounds @ North Texas State University, North Texas State University, TX CME invited
03/2004	Diabetes a Look inside at the Coronary vasculature with IVUS, National Diabetes Summit, National Diabetes Summit, Santa Monica, CA CME invited
02/2004	Carotid Stenting and Complications, International Stroke Prevention Symposium, Interventional Cardiology and Stroke Prevention, Ixpata,, MX CME invited

02/2004 Role of Gene Therapy & Cardiovascular Disease, Grand Rounds Texas Tech University, Texas Tech University, Lubbock, TX CME invited 02/2004 The Evolving Role of Beta Blockers in Heart Failure, Vascular Biology Working Group Regional Symposium CME invited 02/2004 Myocardial Regeneration, AHA Cardiovascular Nursing Task Force, AHA CME invited 01/2004 Role of Glitazones in Cardiovascular Disease, Annual Ohio University Diabetes Symposium, Ohio University, OH CME invited 01/2004 Global Risk Reduction & Clinical Vascular Biology, Wilford Hall USAF Medical Center, Wilford hall USAF Medical Center, San Antonio, TX CME invited 01/2004 Angiogenesis Clinical Implications, 34 Annual Nevada State Internal Medicine Meeting, Nevada State, NE CME invited 01/2004 Emerging Role of PPARs in CV Disease, Grand Rounds Tulane University, Tulane University CME invited 01/2004 Global Risk Reduction and CV Disease, 38th Annual ASHP meeting, ASHP San Antonio, Texas CME invited 12/2003 Post Intervention Continuum of care: Focus on Lipid management in acute and long term setting, Memorial Health University Medical Center, Memorial Health University Medical Center CME invited 11/2003 Vascular Biology and Clinical Considerations for Gene Therapy, 45 Annual Cardiology Symposium, 45 Annual Cardiology Symposium, Mumbia, India CME invited 10/2003 Emerging Role of PPARs in Cardiology, National Diabetes Symposium, National Diabetes Symposium San Diego California CME invited CME 10/2003 Changing Roles in the Treatment of Heart Faileure, Primed Symposium, Primed Symposium, Washington DC, WA invited CME 10/2003 Is Lower Cholesterol Better?, 56 Annual AOA Meeting, AOA Montréal Canada CME invited 10/2003 Acute Coronary Syndrome, Current Treatment Considerations, Washington University School of Medicine-ACP, Washington University School of Medicine-ACP 10/2003 Stroke Prevention: Statins more than LDL Lowering, International Stroke Symposium, International Stroke Symposium CME invited Frankfurt Germany

10/2003	Endothelial Health and CV Events, Grand Rounds, University of New Mexico Invited
09/2003	<u>Cardiovascular Disease and the Endothelium</u> , VA Grand Rounds, VA Grand Rounds, Denver, CO CME invited
09/2003	Lipids and Interventional Cardiology, 24th Annual National Cardiology Meeting, 24th Annual National Cardiology Meeting, Lima, Peru CME invited
06/2003	<u>Diabetes and Interventional Cardiology</u> , University of Oklahoma Endocrine Grand Rounds, University of Oklahoma, Oklahoma City, Oklahoma CME Invited
12/2002	Statins Non Lipid Lowering Mechanisms, VA Hospital, VA Hospital, Grand Junction, CO CME invited
12/2002	<u>Treatment for the Intermediate Risk Patient: Role of CRP</u> , NY Symposium: Evolving Atherosclerosis Summit, NY Symposium: Evolving Atherosclerosis Summit CME invited
11/2002	The Vascular Wall: New Pathways and New Targets for treatment of cardiovascular disease, The Carolinas Heart Institute, VBWG CME invited grand rounds
11/2002	Emerging Role of Vascular Biology into Clinical Medicine: Focus on Lipids, AHA 2nd Annual Cardiology Fellows Forum of Excellence, American Heart Association 2nd Annual Cardiology Fellows Forum of Excellence CME invited
10/2002	<u>Cardiology Update and Case Studies</u> , ABIM Re-certification Course, American Board of Internal Medicine Washington University Health Science Center, Seattle Washington CME invited
10/2002	Clinical Pathways: The Role of Statins in the Treatment of Dyslipidemia: "Targeting the High Risk Patient", National AOA Symposium CME invited Meeting Chairman
10/2002	Prevention-Beyond the Acute Intervention, Baptist Health System Cardiovascular Update, Baptist Health System CME invited
10/2002	<u>A inside Look at the Diabetic Vasculature</u> , AAFP Scientific Assembly: National Diabetes Education Initiative, AAFP Scientific Assembly: National Diabetes Education Initiative CME invited
10/2002	Cardiovascular Disease in Patients with Type 2 Diabetes, AAFP Scientific Assembly: National Diabetes Education Initiative, AAFP Scientific Assembly: National Diabetes Education Initiative CME invited
10/2002	The Heart of Diabetics-Intravascular Ultrasound and Pathobiology, Cardiology Grand Rounds, Baptist Health South Florida Medical Center CME invited

09/2002	Noninvasive Workup of the Intermediate Risk patient, ACOI 62th Scientific Sessions, ACOI 62th Scientific Sessions CME invited & Chairman
09/2002	Power Point Presentation Work Shop-Advanced, ACOI 62th Scientific Sessions, ACOI 62th Scientific Sessions CME invited
09/2002	<u>Coronary Artery Disease and Diabetes Mellitus</u> , Texas Diabetes Institute, Texas Diabetes Institute CME invited
09/2002	Emerging Role of Statins Beyond LDL Reduction, Honolulu Heart Institute Annual Meeting CME Invited
09/2002	<u>Heart Failure Update</u> , Maui Medical Center Annual Symposium, Maui Medical Center Maui Hawaii, CME invited
09/2002	<u>Hypertension and Atherosclerosis</u> , Internal Medicine Grand Rounds Adventist Health System, Adventist Health System Oahu Hawaii CME invited
09/2002	Molecular Mechanism Of Statins, Medicine Grand Round, University of Hawaii, Hawaii CME invited
09/2002	Pathobiology of Acute Coronary Syndrome, Strabb Heart Institute, Strabb Heart Institute Oahu Hawaii CME invited
08/2002	Diagnosis and Treatment of Arrhythmias and Conduction Disorders, ACOI Medicine Board Review CME invited
06/2002	The Role of ACEI in Pathobiology of Hypertensive CV Disease, Hypertension Summit, Hong Kong, China CME invited
06/2002	Cardiovascular Disease Pathobiology to Clinical Medicine, Beijing Cardiovascular Institute, Beijing, China CME invited
06/2002	Role of ACEI in HT Disease, Taipei Cardiovascular Symposium, Taipei, China CME invited
06/2002	Secondary Prevention of Heart Disease: Role of Statins, CV Symposiums, Kabul, AF CME invited
06/2002	<u>Cardiovascular Disease and Diabetes</u> , Annual Medicine Symposium , Padre Valley Health System Padre Island CME invited
05/2002	<u>Cardiology for the Boards-Review</u> , San Antonio American College of Physicians Board Review, San Antonio ACP Board Review CME invited

- 03/2002 <u>The Expanding Role of ARBs in Clinical Practice</u>, International HT Symposium, San Juan, Puerto Rico CME invited
- 11/2001 Raising Expectations for new Therapies: Prevent the Event, AOA National Meeting: Symposium, Prevent the Event CME invited
- 11/2001 <u>Endothelium and its Role in Atherosclerosis</u>, AHA Cardiology Fellows Forum of Excellence, American Heart Association Cardiology Fellows Forum of Excellence (Keynote Speaker) CME invited
- 10/2001 <u>Vascular Endothelium and Clinical Medicine</u>, Medicine Grand Rounds, Kaoshung Medical School Kaoshung, China CME invited
- 10/2001 <u>Targeting the Vascular Endothelium</u>, International Meeting in Kaoshung, Sponsored by Kaoshung University, Kaoshung, China CME invited
- 10/2001 <u>ACEI in CV Disease</u>, Annual Hypertension Symposium, Taipei, China CME invited (Keynote Speaker) CME invited
- 10/2001 <u>Cardiovascular Implications of Angiotensin II</u>, Taiwan Regional Medical Center, Taipei, China CME invited
- 10/2001 <u>The Role of IVUS in Diabetes Patients with Coronary Disease</u>, The BARI-2D National Meeting Invited
- 10/2001 <u>Role of Class III Anti arrhythmic Drugs in Treatment of Atrial Fibrillation</u>, Southwest Regional Electrophysiology Meeting CME invited
- 09/2001 Advances in Understanding Vascular Disease: Role of Statins in Atherosclerosis-Keynote presentation, NY Lipid Symposium CME invited
- 08/2001 HT Treatment of the Complex CV Patient, NM State Medical Association Meeting Invited CME
- 06/2001 <u>Inside th Diabetic Coronary Artery Treatment Considerations</u>, Endocrine Grand Rounds, University of Oklahoma CME invited
- 05/2001 <u>Hormone Replacement Therapy and CV Disease</u>, Family Practice Annual Conference at UTHSCSA CME invited
- 05/2001 <u>End Stage Cardiovascular Disease and Gene Therapy</u>, International Invited Lecture, Heart Hospital of Hyderabad, India CME
- 05/2001 <u>The Emerging Role of Diabetics in CV</u>, International Lecture: 45th Annual Regional India

	Symposium on Cardiovascular New Delhi India CME invited
03/2001	Cardiovascular Treatment of Lipids-Statin Safety, Eastern Idaho Regional Medical Center, Eastern Idaho Regional Medical Center CME invited
12/2000	The Vascular Endothelium: Health and Disease, Grand Rounds Phoenix Arizona Heart Hospital CME invited
10/2000	<u>Cardiovascular Effects of Training in Olympic Athletes-Role of the Endothelium</u> , Symposium, Olympic Games (International Olympic Committee), Sydney, Australia (Keynote Address) Invited by Olympic Committee
09/2000	Cardiovascular Disease and Diabetes, Texas Diabetes Meeting UTHSCS CME invited
09/2000	Role of Beta Blockers in Ventricular Remodeling, PRIMED Meeting Boston Massachusetts CME invited
07/2000	<u>Diabetes and Cardiovascular Disease</u> , Endocrinology Grand Rounds at UT Galveston, UT Galveston CME Invited
07/2000	Emerging Role of Cardiology in Diabetes Patients, Cardiology Grand Rounds at UT Galveston, UT Galveston CME Invited
06/2000	Cardiovascular Disease and Case Studies, American Board of Internal Medicine Course Review, Washington University CME invited
06/2000	Endothelium a New Target for the Clinician, Canadian Heart Association Meeting Invited Keynote Address CME invited
05/2000	Treatment of Unstable Angina-New Treatment Guidelines, Montana Medical Association CME invited
05/2000	Hyperlipidemia and Treatment in Diabetics, National Puerto Rico Heart Association Meeting CME invited
05/2000	Role of the Endothelium in Clinical Practice, Honolulu, Hawaii National Straub Foundation Research Meeting CME invited
05/2000	TNK and the Acute MI, San Antonio Regional Acute Myocardial Infarction Symposium CME invited
04/2000	Angiotensin Receptors and clinical Practice, Oregon Medical Society Annual Meeting CME invited

04/2000	<u>Hypertension in Review</u> , AHA CV Task Force-Critical Care Nurses, AHA CV Task Force- Critical Care Nurses CME invited
04/2000	Interventions and the Endothelium, Interventional VBWG Regional Meeting, Interventional VBWG Regional Meeting CME invited
03/2000	New Guidelines: treatment of the Acute MI, Grand Rounds Brackenridge Hospital, Brackenridge Hospital CME invited
03/2000	Unstable and Stable Angina, National ACOI Board Review, National ACOI Board Review CME invited
03/2000	Practical implication to Vascular Biology in Clinical Cardiology, National Vascular Biology Working Group Meeting, National Vascular Biology Working Group Meeting CME invited
03/2000	<u>Hypertension in Type 2 Diabetes</u> , Annual Arizona Medical Association Meeting, Phoenix Arizona CME invited
03/2000	The Endothelium and Cardiovascular Drugs, 43rd National South African Cardiovascular Symposium, International Capetown, South Africa CME invited keynote address
03/2000	<u>Treatment of Unstable Angina Aggressive vs Conservative Treatment</u> , Durban National Cardiovascular Symposium, Durban, South Africa CME invited
03/2000	Vascular Biology and Cardiovascular Disease, Johannesburg Cardiology Symposium, Johannesburg South Africa CME invited
03/2000	<u>Cardiovascular Disease and New Drugs</u> , Medical Society of Zimbabwe Evening Symposium, Zimbabwe, Africa CME invited
03/2000	Endothelium and Oxidative Stress, Medicine Grand Rounds, Capetown University Medical Center, Capetown, South Africa CME invited
02/2000	<u>Treatment of Chronic Stable Angina: New Guidelines</u> , Medicine Grand Rounds, Texas Tech Health Science Center, CME invited
02/2000	Role of ARB and ACEI in Cardiovascular Disease, UCLA Medicine Grand Rounds, UCLA Los Angeles, California Invited
02/2000	The Role of ACEI and Heart Failure, Regional Heart Failure Symposium, VBWG Atlanta Georgia, CME invited
02/2000	Endothelium and Lipids A Clinical View, Annual Tri Cities Medicine Symposium South Padre Texas CME invited

02/2000	Preoperative Clearance for Non Cardiac Surgery in Cardiac Patients, Annual Midwinter Family Practice Symposium, Annual Midwinter Family Practice Symposium Texas Tech University CME invited
02/2000	<u>Type II DM and Heart Disease</u> , Texas Diabetes Institute Symposium UTHSCSA Division of Endocrinology CME invited
01/2000	<u>Obesity and Cardiovascular Disease</u> , The South Texas Obesity Symposium Austin Texas CME invited
01/2000	<u>CV Disease and the Endothelium</u> , Coalition for the Advancement of Cardiovascular Health National Meeting (COACH), Washington DC CME invited
01/2000	<u>NEP inhibitors: Clinical Considerations for Cardiovascular Patients</u> , Texas Cardiovascular Symposium, Dallas, TX CME invited
12/1999	Low Molecular Weight Heparin and the Cardiologist, Grand Rounds, Austin Heart Hospital, Austin, TX CME invited
12/1999	<u>CV Disease the Role of the Endothelium</u> , Athens University Medical Center, Athens, Greece CME invited
12/1999	Endothelium in Health and Disease, Symposium at Kapodistrian University of Athens Medical School University, Athens Greece CME invited
11/1999	<u>Heart Failure and Endothelial Function</u> , Saint Mary's Regional Medical Center, Saint Mary's Medical Center CME invited
11/1999	<u>Clinical Applications of Endothelial Research</u> , American Heart Association National Meeting, Vascular Biology Working Group Meeting CME invited
11/1999	Role of the RAA system in Endothelial Dysfunction, Cardiovascular Grand Rounds Chinese University Hong Kong Medical School, Hong Kong, China CME invited
10/1999	Antiarrhythmic Drugs and the Patient, UTHSCSA Anesthesia Grand Round, UTHSCSA, San Antonio, TX CME invited
10/1999	<u>Secondary Prevention of CV Disease</u> , National Thailand Heart Association Meeting, National Thailand Heart Association, Thailand CME invited

10/1999	<u>The Endothelium and Vascular Disease</u> , Cardiology Institute of Istanbul , Istanbul, Turkey CME invited
10/1999	Antiarrhythmic Drugs in Clinical Practice, Grand Rounds University of Washington Medical School Seattle Washington CME invited
10/1999	<u>The Role of ACEI and ARB in Cardiovascular Disease</u> , Vascular Biology Working Group Regional Symposium, CME invited
09/1999	Current Additions to JNC-VI Guidelines, Tucson Medical Center Grand Rounds, Tucson Medical Center Grand Rounds CME invited
09/1999	<u>The Role of the Endothelium in CV Disease</u> , Puerto Rico Cardiology Society National Meeting, CME invited
09/1999	The Role of Statins and the Endothelium, Lipid Symposium, Toronto, Canada CME invited
09/1999	Role of Lipids and the Endothelium, The Quebec Heart Institute, Quebec City, Canada CME invited
09/1999	<u>The Endothelium and the Cardiovascular System</u> , Medicine Grand Rounds, Ottawa Heart Institute CME invited
09/1999	<u>Vascular Control by the Endothelium</u> , Grand Rounds, McMaster University , Hamilton, Ontario, Canada CME invited
08/1999	<u>Update on Positive Intropes</u> , AHA Nursing Task Force San Antonio Division, American Heart Association CME Invited
08/1999	<u>Cardiovascular Disease and the Diabetic: The Role of the Endothelium</u> , Boise Regional Medical Symposium, Boise Idaho CME invited
08/1999	Primary and Secondary Prevention of Heart Disease: Focus Unstable Plaque, Grand Rounds, JBH Medical Center, South Africa CME invited
08/1999	<u>Role of the Endothelium in the Vulnerable Plaque,</u> Medicine Grand Rounds, Capetown University, Capetown South Africa CME invited
08/1999	<u>Endothelial Function in CV Disease</u> , Medicine Grand Rounds, Tripler Army Hospital, Hawaii CME Invited
08/1999	<u>Hyperlipidemia and Primary Prevention of Cardiovascular Disease</u> , Medicine Grand Rounds, Kono Medical Center, Kono Hawaii CME invited

08/1999	Evaluation of the CV Disease in Dental Patients, University of Texas Dental School, University of Texas Dental School CME invited
08/1999	<u>Type II Diabetes and Cardiovascular Disease</u> , Medicine Grand Rounds, Chicago University Medical Center Chicago Illinois CME invited
08/1999	Role of Thrombolytic in the Treatment of the Acute MI, 5 County Medical Society Meeting South Padre Island, Texas CME invited
07/1999	The Role of Angiotensin Receptor Blockers in Clinical Practice, Medicine Grand Rounds Seattle Washington Medical Center, CME invited
07/1999	<u>Cardiology for the Boards</u> , American College of Physicians-University of Washington Health Science Center, Seattle, WA CME invited
06/1999	<u>Current Evaluation and treatment of patients with wide complex tachycardia</u> , Grand Rounds Cardiology, University of Taiwan Medical School, CME invited
06/1999	Role of the endothelium in Cardiovascular Disease, Medicine Grand Rounds Kaoshung Medical School, Kaoshung China CME invited
06/1999	<u>Role of Statins in High Risk Patients</u> , International Lipid Symposium, Durban, South Africa CME invited
06/1999	Beyond LDL lowering: Molicular Mechanism in Endothelial Stabilization, 34th Annual International Asian Heart Association Meeting, Asian Heart Association, Jakarta Pakistan CME Invited
06/1999	<u>Role of ACEI in Cardiovascular Disease</u> , Asian Cardiovascular Symposium, Bali, Indonesia CME invited
02/1999	Angiogenesis in Clinical Practice, Medicine Grand Rounds Philippine Heart Center, Quezon City, Philippines CME invited
12/1998	Markers of Inflammation: Is there a clinical role, Ottawa Heart Institute, Ottawa Heart Institute, CME invited
10/1998	<u>Plaque Stabilization: Current Treatment Options</u> , Grand Rounds Cardiology University of Thailand Medical Branch, Thailand CME invited
07/1998	<u>Vascular Biology and Heart Disease,</u> National Cardiology Symposium on Cardiovascular Disease, Karachi, Pakistan CME Invited

03/1998	Coronary /	Artery	Disease	Events	and P	laque	Biology,	National	Cardiova	ascular	Sympo	osium,
	Singapore	CME	E invited									

- 12/1997 <u>Co-Shared Risk Factors for Endothelial Dysfunction and CV Disease</u>, Cardiovascular Symposium, Istanbul , Turkey CME invited
- 07/1997 <u>Endothelium and CV Disease: Focus on ACEI</u>, National Cardiovascular Meeting, Riyadh, Saudi Arabia CME invited
- 07/1997 <u>The Vascular Endothelium in Health and Disease</u>, Angiotensin Converting Enzyme Inhibitor Symposium, Amman, Jordan CME invited
- 07/1997 <u>Angiotensin Receptor Blockers vs ACEI Disease</u>, Regional Hypertension Symposium, Petra, Jordan CME invited
- 07/1997 <u>Heart Failure and Angiotensin Converting Enzyme Inhibitors</u>, Regional Cardiovascular Symposium, Jerusalem, Palestine CME invited
- 01/1995 <u>Women and heart disease</u>, Teleconference Network, UTHSCSA, San Antonio, TX CME invited
- 12/1994 <u>Small dense LDL Pattern B Syndrome</u>, Medicine Grand Rounds, Brackenridge Hospital, Austin, TX CME invited
- 12/1994 <u>HT in pilots- which agents are safe?</u>, Grand Rounds, Randolph AFB Medical Group, San Antonio, TX CME invited
- 12/1994 <u>Understanding New Antiarrythmatic Drugs: Amiodarone-Sotatol-Update</u>, Southeast Medical Group, San Antonio Texas CME invited
- 12/1994 <u>Congestive heart update, CHF workshop</u>, Family Practice Grand Rounds, Brady Green Family Practice, UTHSCSA, San Antonio, TX CME invited
- 12/1994 <u>Ventricular arrhythmia- which to treat</u>, San Angles County Medical Society, San Angles County Medical Society CME invited
- 12/1994 Plaque Stabilization- is it possible?, Lubbock Medical Society Meeting, CME invited
- 11/1994 <u>Evaluation of the arrhythmia patient</u>, Medicine Grand Rounds. Brackenridge Hospital, Austin, TX CME invited
- 11/1994 <u>Hypertension in the Hispanic Patient</u>, African American/Hispanic Advisory Board. San Antonio Texas (Invited Speaker)

11/1994	<u>Differentiation of HMG's</u> , Medicine Grand Rounds Oklahoma State University. Tulsa, Oklahoma CME invited
11/1994	Sudden Death, Medicine Grand Rounds, University of Texas Health Science Center, San Antonio, TX CME invited
11/1994	Diabetes lipids and cardiovascular disease: which combinations are safe?, American College of Family Practice National Meeting CME Invited
10/1994	<u>Cardiovascular Risk Reduction</u> , Medicine Grand Rounds, Valley Diagnostic, Harlingen, Texas CME invited
10/1994	<u>Current role of DDD pacemakers</u> , Grand Rounds, Tucson Medial Center, Tucson, Arizona CME invited
10/1994	<u>Cardiology Update. 20th Annual Mid American Medical Meeting</u> , Kansas City, Kansas CME invited
10/1994	Current update on Supraventricular Arrhythmia, Medicine Grand Rounds. Beaumont Army Medical Center. El Paso Texas CME invited
10/1994	Use of Amiodarone, Midwestern Regional Medical Society CME invited
10/1994	Congestive Heart Failure Update, Teleconference Network, University of Texas Health Science Center, San Antonio, TX CME invited
09/1994	Management of CHF, Annual National Association of Managed Care Physicians. Dallas Texas CME invited
09/1994	Current Advances in Management of CHF: Timing for cardiac Transplant, Cardiology Update, Baptist Medical Center San Antonio Texas CME invited
08/1994	<u>Treatment for the Minority Hypertensive</u> , Annual New York Society of Family Practice Symposium CME invited
08/1994	<u>Treatment Considerations with Elderly Hyperlipidemic Patients</u> , Dallas Country Medical Society Dallas Texas CME invited
08/1994	<u>Treatment of Atrial Fibrillation</u> , Teleconference Network, University of Texas Health Science Center, San Antonio, TX CME invited
08/1994	<u>Women and Heart Disease</u> , Primary Care Forum, Teleconference Network of Texas UTHSCSA CME invited

08/1994	Management and Evaluation of CV Disease in the Elderly, Annual Texas Society of Family Practice Symposium CME invited
07/1994	Prevention of Target Organ Damage in Hypertensive Patients, Pinos Altos Medical Society. Pinos Altos New Mexico CME invited
07/1994	<u>Hypertensive Treatment Consideration in the Insulin Resistant Diabetic.</u> , Texas Tech Medical Center, TX CME invited
07/1994	Emergency Treatment of Arrhythmias, Emergency Room Physicians, University of Texas Health Science Center, San Antonio, TX CME invited
07/1994	Regression of Atherosclerosis with use of HMG's, Annual Lipid Symposium, Oklahoma Medical Research Foundation, University of Oklahoma, Oklahoma City, Oklahoma CME invited
07/1994	<u>Atrial Arrhythmias Current Update</u> , Medicine Grand Rounds, Brackenridge Hospital, Austin, TX CME Invited
06/1994	Acute Myocardial Infarction, Grand Rounds Family Practice. University of Texas Health Science Center CME invited
06/1994	<u>CAD Plaque Stabilization, is it Possible?</u> , Medicine Grand Rounds, Texas Tech Medical School El Paso Texas CME invited
05/1994	<u>Hypertension in the Diabetic</u> , Annual Regional Valley Medical Conference, Harlingen, Texas CME invited
05/1994	Post MI Treatment, Kerr County Medical Meeting Kerrville, Texas CME invited
04/1994	Cardiology Board Review-Park 1: Valvular Heart Disease, Part 2: Congenital Heart Disease, Part 3: Electrophysiology Update, Part 4: Ischemic Heart Disease, Annual, American College of Physician Review of Course UTHSCSA CME invited
04/1994	New Direction in Heart Failure, Clinical Relevance Tissue ACEI, International Heart Failure Symposium Washington DC. CME invited
04/1994	Secondary Prevention: New Lipid guidelines, Medicine Grand Rounds, Kessler AFB Regional Medical Center CME invited
04/1994	Lipid Chemistry Blood Test: Pattern B Syndrome, Teleconference Network, University of Texas Health Science Center, San Antonio, TX CME invited
04/1994	Secondary Prevention: Nutritional Modalities for regression of Atherosclerotic Plaques,

	Teleconference Network, University of Texas Health Science Center, San Antonio, TX CME invited
04/1994	Management of LV Dysfunction, New Jersey State Medical Meeting CME invited
04/1994	<u>Hypertension in African, Hispanic, & Asian Pacific Patients</u> , National Bureau for Coronary Artery Disease Risk. CME invited keynote address
04/1994	<u>New Directions in Adult Treatment Panel</u> , 14th Annual Meeting National Lipid Education Faculty CME invited
04/1994	<u>Protection of the Hypertensive Diabetes Kidney</u> , State Chest Hospital , San Antonio Texas CME invited
04/1994	Current Concepts in Secondary Prevention, Annual Lipid Meeting CME invited
03/1994	<u>Case Studies in Cardiology</u> , Update, The American Board of Internal Medicine UTHSCSA CME invited
03/1994	Signal Average EKG-Its Usefulness in Evaluating Patients for Cardiac Events, San Antonio Physicians Association CME invited
03/1994	<u>Heart Disease-1994: Special Emphasis on Women</u> , Annual Family Practice Review, University of Texas Health Science Center, San Antonio, TX CME invited
03/1994	<u>Changing the Natural History of Coronary Artery Disease</u> , Symposium Lecture, American College of Cardiology CME invited
03/1994	<u>JNC-5-HT Recommendation</u> , Teleconference Network of Texas, Eastern Regional Hypertension, St. Louis, MO CME invited
03/1994	Thrombolytics and the Acute Myocardial Infarction, Nevada State Medical Meeting Los Vegas Nevada CME invited
03/1994	Evaluation of Patients with Heart Murmurs, and Sudden Death, Annual family Practice Review Course UTHSCSA. CME invited
03/1994	Anti-arrhythmic Drugs-Current Trends, San Antonio Internal Medicine Society CME invited
02/1994	Women and Heart Disease, Tulsa Annual Regional Medical Meeting. Tulsa Oklahoma CME invited
02/1994	Current Treatment of Atrial Fibrillation, American College of Osteopathic Internist National

Meeting CME invited

02/1994	Current HT Drugs,	California Scientific Sessions Of Osteopathic Physicians and Surgeons
	CME invited	

- 02/1994 Current Treatment of Ventricular Arrhythmias, Arizona State Medical Meeting CME invited
- 01/1994 <u>LV Remodeling and the Human Heart</u>, Northern California Medical Symposium, California CME invited
- 12/1993 <u>New Directions in the Treatment of Ventricular Arrhythmias</u>, Florida Regional Medical Meeting CME invited
- 11/1993 <u>Role of Cellular Function in Ischemic Heart Disease</u>, Annual California Medical Association Meeting CME invited
- 11/1993 <u>Women and Heart Disease</u>, Seventh Annual Michigan Medical Meeting, Notre Dame, University CME invited
- 10/1993 <u>The Ischemic Left Ventricle-Treatment Options</u>, Grand Rounds, University of North Texas Health Science Center Dallas Texas CME invited
- 10/1993 <u>Practical evaluation of Lipid Disorders</u>, Moderator and Lecture, American College of Family Physician Scientific Session, Boston, MA CME invited
- 09/1993 <u>Update on Ischemic Heart Disease Treatment</u>, Annual New Mexico Medical Association Meeting Albuquerque New Mexico CME invited
- 08/1993 <u>Treatment of the Acute Myocardial Infarction in ICU</u>, Critical Care Lecture, University of Texas Health Science Center, San Antonio, TX CME invited
- 08/1993 <u>Coronary Artery Surgery vs PTCA</u>, 44th Annual Assembly and Scientific Program of The Texas Academy of Family Physicians CME invited
- 08/1993 Molecular Cardiology-the Future, Baptist Medical Center San Antonio Texas CME invited
- 03/1993 Chronic Ischemic Heart Disease, ACGP Annual Meeting and Scientific Seminars CME invited
- 02/1993 <u>Atrial Fibrillation- to treat or not to treat</u>, Doctors Hospital 13th Annual Meeting Columbus Ohio CME invited
- 01/1993 <u>CHD Risk Factor Reduction</u>, Medicine Grand Rounds West Virginia Society of Medicine CME invited

01/1993	Treatment of Ischemic Heart Disease, TOMA District Meeting San Antonio Texas CME invited
01/1993	Anti-Arrhythmic Therapy in the Post-CAST Era, Hill Country County Medical Society San Antonio Texas CME invited
11/1992	Slow Pathway Tachycardias- Current Treatment, Cardiology Grand Rounds. University of Kansas Department of Medicine, Kansas City, Kansas CME invited
11/1991	<u>Selected Factors in Hypertension</u> , Medicine Grand Rounds, University of Missouri at Kansas City CME invited
10/1983	<u>Cardiovascular Pharmacology</u> , Medicine Grand Rounds. Methodist Hospital, San Antonio, TX CME invited
10/1983	<u>Clinical Use of Calcium Channel Blockers</u> , Mexican American Association, San Antonio, TX CME invited
09/1983	<u>Modern Treatment of Hypertension</u> , Medicine Grand Rounds, University of Texas Health Science Center. Houston, TX CME invited
09/1983	Cardiovascular Risks and Treatment of Angina, Medical Society, Bastrop, Texas CME invited
09/1983	<u>Hypertension and Use of Calcium Blocker</u> , Grand Rounds, University of Missouri at Kansas City Kansas CME invited
08/1983	Sudden Death, Medicine Grand Rounds, Brackenridge Hospital, Austin, TX CME invited
08/1983	Treatment of Cardiac Arrhythmias and Acute myocardial Infarction in Emergency Room, Alamo Area Emergency Room Physicians CME invited
07/1983	Management of Cardiac Patients in Flight, Kelly Air Force Base Cardiovascular Air Force Unit CME invited
07/1983	Advanced Life Support-Cardiac Dysrhythmia and DC Counter Shock, American Heart Association Invited
06/1983	Status of Heart Surgery, Mended Hearts Club (AHA)-Patients with Heart Surgery Local Chapter Invited
06/1983	<u>Clinical Comparison of Beta Blockers and Calcium Blockers in Clinical Cardiology</u> , Bexar County Medical Society San Antonio, Texas CME invited
05/1983	Sudden Cardiac Death, Cardiology Methodist Hospital, San Antonio, TX CME invited

04/1983	Cardiac Dysrhythmias, Mississippi Medical Association Annual Meeting, CME invited
04/1983	<u>Cellular Myocardial Receptors in Clinical Practice of Cardiology</u> , Cardiology Grand Rounds Kansas University Health Science Center CME invited
03/1983	Congestive Heart Failure and Ischemic Heart Disease, Kansas State Medical Association CME invited
03/1983	Management of Congestive Heart Failure and Hypertension, Texas Medical Association, Tyler, TX CME invited
03/1983	Clinical Usefulness of New Calcium Blockers, 6th District Texas Medical Association CME invited

<u>SERVICE</u>

SERVICE TO THE PROFESSION:

<u>Dates</u> 07/2002-Present	<u>Type Description</u> Nutrition, Physical Activity and metabolism (NPAM)	<u>Role</u> Member
	American Heart Association	
Member		
1993-2012	National Chairman, Clinical Cardiac Electrophysiology Examination Committee American College of Osteopathic Internist	Chairman
2011-Present	National Interventional cardiology board examination	Committee member
2005-2006	American Diabetes Association Program Planning Committee for macrovascular disease and lipids	Committee Member
2007 - Present 2010- Present	Associate Editor of Practical Diabetology Associate Editor of Catheterization and Cardiovascular Interventions	
2011- Present 2012-Present	Deputy Editor of Clinical Diabetes (ADA) Editorial Board Diabetes Care	
2012-Present	International Committee for Insulin Resistance (ICIR)	
07/2004-Present 1/1/2012-Present 02/2006-Present	Metabolism Clinical and Experimental Current Proteomics The Journal of Diabetes and Its Complications	Journal Reviewer Journal Reviewer Journal Reviewer
07/2007-Present	American Heart Journal	Journal Reviewer
01/2012-Present	Diabetes Care	Journal Reviewer
02/2012-Present	Diabetologia	Journal Reviewer
07/2002-Present	Diabetes Care	Journal Reviewer

07/2007-Present 08/2007-Present 02/2012-Present 05/2010-Present 03/2008-Present 03/2009-Present 08/2009-Present 08/2008-Present 09/2009-Present 03/2010-Present	Lipidology Obesity Research Expert Review of Clinical Pharmacology American Journal of Physiology- Heart and Circulatory Canadian Medical Association Journal American Journal of Cardiology Journal of Intensive Care Medicine Expert Review of Cardiovascular Therapy European Heart Journal The Journal of Clinical Hypertension Pharmacogenomics	Journal Reviewer Journal Reviewer Journal Reviewer Journal Reviewer Journal Reviewer Journal Reviewer Journal Reviewer Journal Reviewer Journal Reviewer Journal Reviewer
Reviewer		
07/2002-Present 05/2009-Present	CV Digest Expert Review of Clinical Pharmacology	Journal Reviewer Journal Reviewer
Editorial Board		
2004 & present	International Examiner for a MD candidate registered at the Nelson R Mandela School of Medicine, University of KwaZulu Natal, South Africa	Examiner
Health Education		
01/1979-Present	Texas Medical Board of Examiners Texas Medical Foundation	Committee Member & Reviewer
National		
09/2000-Present <i>Reviewer</i>	American Journal of Cardiology	Journal Reviewer
07/1999-Present <i>Member</i>	National Diabetes Education Initiative	Committee Member
07/1997-Present Member	National Cholesterol Lipid Education Council	Committee Member
06/1992-Present Member	COACH Vascular Biology for Clinicians	Committee Member
07/1986-Present	American Osteopathic Board of Internal Medicine	Committee Member
Member		
07/1986-Present	Vascular Biology Working Group	Committee Member

Member

7/2003-Present	Webmaster for American Heart Association NPAM website	Webmaster
Health Education		
7/2004-Present	Advocacy Ambassador for the NPAM council	Committee Member
3/2008-Present	IDOC Website Steering Committee	Committee Member
3/2008-Present	American Heart Association MMCC	Committee Member
2011 ADA meeting	g Cardiology Section Chair	ADA
2011 National ACOI/ AOA representative for Heart Failure Appropriateness Criteria		

SERVICE TO THE PUBLIC:

<u>Dates</u> <u>Typ</u> 10/2002-10/2003	e <u>Description</u> US Olympics Committee-Local	<u>Role</u> Member
Member		
07/2002-Present	American Heart Association	Regional and Affiliate Faculty for BLS and ACLS
Advanced Life Su	pport	
07/1998-Present	University of Texas Chancellors Committee	Grants and Endowments
Member		
07/1988-Present	National Library Association	Grants and Endowment Committee
Member		
07/1988-Present	Big Brother of America Association	Member
Member		
07/1987-1988	San Antonio Cardiology Society	President
President		
07/1986-Present	United Way	Member
Member		

07/1985-07/1986	American Heart Association, San Antonio	President
President		
07/1984-07/1985	American Heart Association, San Antonio Division	Chairman
Board of Directors		
01/1983-Present	American Heart Association	Committee Member
Community		

PROFESSIONAL AFFILIATIONS:

Dates Organization

01/2000-Present	American Society of Hypertension
07/1997-Present	Member of Texas Cardiovascular Data Bank Committee
07/1997-Present	National Bureau Cardiovascular Risk Assessment Committee
07/1995-Present	Member of National Black/Hispanic Hypertension Committee
07/1986-Present	Teleconference Network of Texas
01/1986-Present	American College of Cardiology-Counsel member-Clinical Cardiology
1979-Present	American College of Osteopathic Internist
1975-Present	American Osteopathic Association
01/1986-Present	American College of Cardiology
01/1986-Present	North American Society of Pacing &Electrophysiology/Hearth Rhythm Society
01/1986-Present	American Heart Association

COMMITTEES (OTHER):

DEPARTMENT

<u>Dates</u>	<u>Committee</u>
Dates	Committee

<u>Role</u>

07/1990-Present	University of Texas Health Science Admission Board	Member
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HOSPITAL

<u>Dates</u>	Committee	<u>Role</u>
03/2004-Present	Operative Risk Management Team, Audie L. Murphy VA Hospital	Member
06/2008-Present	Moderate Sedation Committee	Co-Chair
10/2003-Present	Cardiovascular Subcommittee P&T, University Hospital	Chair
07/2003-2008	Member Vision 17 Pharmacy and Therapeutics Committee VA, Veterans Association Hospital	Member
07/2003-2008	Veterans Association, Pharmacy and Therapeutics	Chair
07/2003-2008	Lipid subcommittee; Pharmacy and Therapeutics Committee VA, Veterans Association	Chair
01/1989-01/1991	Medicine, Baptist Memorial Hospital	Chair
07/1987-Present	Lipid Subcommittee of P and T, University Hospital	Member
01/1981-01/1983	Cardiology, Wilford Hall, USAF Medical Center	Associate Director
01/1979-01/1981	Electrophysiology Lab, Wilford Hall USAF Medical Center	Director
01/1979-01/1980	Coronary Care Unit, Wilford Hall USAF Medical Center	Director