Curriculum Vitae

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Place of Birth: Columbus, Ohio

Education

Year	Degree	Field of Study (Thesis advisor for PhDs)	Institution
1978 – 1982	B.A. (Honors)	Pre-Med	Rollins College, Winter Park, FL
1982 – 1986	Doctorate	Medicine	University of South Florida College of Medicine

Postdoctoral Training

Year(s)	Titles	Specialty/Discipline (Lab PI for postdoc research)	Institution
1986 –1987	Intern	Internal Medicine Internship	Letterman Army Medical Center, Presidio of San Francisco, CA
1987 – 1990	Resident	Emergency Medicine Residency	Madigan Army Medical Center, Tacoma, WA
1992 – 1993	Fellow	Emergency Medicine Foundation Teaching Fellowship	American College of Emergency Physicians
1994 – 1999	Fellow	Clinical Toxicology Fellowship	University of Texas Southwestern Medical Center

Current Licensure and Certification

Licensure

Texas Medical Board

Board and Other Certification

American Board of Preventive Medicine (Addiction Medicine) (#61-3134; 1-1-2018 – 1-31-2028)

American Board of Emergency Medicine (#900449, Nov 15, 1991; ReCert Dec 2001, Dec 2011 & Oct 2021)

American Board of Emergency Medicine; Medical Toxicology (#900449, Dec 20, 2002;

ReCert Dec 2012; ReCert Dec 2020)

Diplomat, National Board of Medical Examiners (1987)

Honors and Awards

Year	Name of Honor/Award	Awarding Organization
1986 – 1994	Honorable Discharge	Army Medical Corps
1986	Commencement Speaker	USF College of Medicine
1991	Army Achievement Medal	United States Army
1992	Meritorious Service Medal	United States Army
2002	Teaching Award	UT Southwestern Emergency Medicine Residents
2006	Teaching Award	UT Southwestern Medical School Class of 2008
2007	Teaching Award	UT Southwestern Medical School Class of 2009
2010	Teaching Award	UT Southwestern Medical School Class of 2012
2015	Lifetime Contributions to the Educational Pursuits of Medical Toxicology	American College of Medical Toxicology
2015	Teaching Award	UT Southwestern Medical School Class of 2017
2019	Program Development Award	UT Southwestern Medical Center Leadership in Clinical Excellence – Parkland Perinatal Intervention Program

Faculty Academic Appointments

Year(s)	Academic Title	Department	Academic Institution
1991 – 1994	Program Director	Emergency Medicine	Darnall Army Hospital
1992 – 1994	Clinical Assistant Professor	Emergency Medicine	Texas A&M University
1994 – 2002	Assistant Professor	Surgery, Division of Emergency Medicine	UT Southwestern Medical Center

2002 – 2008	Associate Professor of Surgery	Surgery, Division of Emergency Medicine	UT Southwestern Medical Center
2004 – 2018	Program Director	Emergency Medicine, Medical Toxicology	UT Southwestern Medical Center
2004 – 2020	Division Chief	Emergency Medicine, Medical Toxicology	UT Southwestern Medical Center
2020 - current	Faculty	Emergency Medicine, Medical Toxicology	UT Southwestern Medical Center
2007 – 2016	Mentor	Pritchard College	Colleges at UT Southwestern Medical Center
2008 – 2014	Professor	Surgery, Division of Emergency Medicine	UT Southwestern Medical Center
2014 - Present	Professor	Emergency Medicine	UT Southwestern Medical Center

Appointments at Hospitals/Affiliated Institutions

<u>Past</u>			
Year(s)	Position Title	Department/Division	Institution
1989 – 1990	Chief Resident	Emergency Medicine	Madigan Army Medical Center
1990 – 1991	Chief	Emergency Medical Services	Blanchfield Army Hospital
1997 – 1998	Medical Director	Emergency Services	Parkland Memorial Hospital
1998 – 2003	Medical Director of Fast Track	Emergency Services	Parkland Memorial Hospital
1998 – 2008	Associate Medical Director	Emergency Services	Parkland Memorial Hospital
2002 – 2008	Director of Chest Pain Protocol	Emergency Services	Parkland Memorial Hospital
2004 – 2018	Chief of Service	Emergency Services, Medical Toxicology	Parkland Health and Hospital System
<u>Present</u>			
Year(s)	Position Title	Department/Division	Institution
1994 – Present	Staff Physician	Emergency Services	Parkland Health and Hospital System
2000 – Present	Staff Physician	Emergency Medicine, Medical Toxicology	Parkland Health and Hospital System, Children's Medical Center; UT

			Southwestern Medical Center
2016 – Present	Medical Director	Perinatal Intervention Program	Parkland Health and Hospital System
2020 - Present	Chief of Service	Integrated Family Planning Opioid Project	Parkland Health and Hospital System

Committee Service

Year(s)	Name of Committee	Institution/Organization	
<u>UTSW</u>			
1995 – 1996	Clinical Repository Purchasing Information Group	UT Southwestern Medical Center	
2013 – Present	Clinical Competency Committee for 2 nd Year EM Residents	UT Southwestern Medical Center	
2016 – Present	Drug Screen Processes Work Group	UT Southwestern Medical Center	
2013 – Present	Clinical Competency Committee for Toxicology Fellows	UT Southwestern Medical Center	
2017 - Present	Promotions and Tenure Committee, Department of Emergency Medicine	UT Southwestern Medical Center	
2017	20 th Anniversary Committee, Department of Emergency Medicine	UT Southwestern Medical Center	
2018 – Present	Recruitment Committee, Department of Emergency Medicine	UT Southwestern Medical Center	
2019 – Present	Promotions and Tenure Committee UT Southwestern	UT Southwestern Medical Center	
2019 – Present	Drugs of Abuse Confirmatory Testing Work Group	UT Southwestern Medical Center	
Hospital			
1990 – 1991	Blood Products and Transfusion	Blanchfield Army Hospital	
1990 – 1991	Pharmacy and Therapeutics	Blanchfield Army Hospital	
1990 -1991	Hospital Education	Blanchfield Army Hospital	
1991 – 1994	Hospital Education	Darnall Army Hospital	
1997 – 1998	Service Chiefs	Parkland Memorial Hospital	
1994 – 2004	North Texas Poison Center Board of Consultants	Parkland Memorial Hospital	
1997 – 2004	Trauma Care	Parkland Memorial Hospital	
2003	Physician Assistant of the Year	Parkland Memorial Hospital	
1997 – 1998	Emergency Services Department Operations, Chair	Parkland Memorial Hospital	

1998 - 2015	Emergency Services Department Operations, Member	Parkland Memorial Hospital
2001 – 2006	Antibiotic Subcommittee; Pharmacy & Therapeutics Committee	Parkland Health and Hospital System
2009 – Present	Analgesics Subcommittee; Pharmacy & Therapeutics Committee	Parkland Health and Hospital System
2009 – Present	North Texas Poison Center Quality Committee	Parkland Health and Hospital System
2016 – 2019	Substance Use / Addiction Medicine Committee	Parkland Health and Hospital System
2016 – 2019	NAS – MFM Work Group	Parkland Health and Hospital System
2016 – Present	Drug Screen Processes Work Group	Parkland Health and Hospital System
2018 – Present	Medical Director, Opioid Bundle Project thru Texas Department State Health Services for the Alliance in Maternal Health	Parkland Health and Hospital System
2019 – Present	WISH – NAS Work Group	Parkland Health and Hospital System
2019 – Present	Code Federal Regulation 42 Part 2 Work Group	Parkland Health and Hospital System
2020 - Present	Buprenorphine MAT Work Group	Parkland Health and Hospital System
2020 - Present	Opioid Clinical Practice and Education Work Group	Parkland Health and Hospital System

Professional Societies

Dates	Society Name, member
1990 - 2010	Society of Academic Emergency Medicine (SAEM)
1990 – 2016	American College of Emergency Physicians (ACEP) (Fellow designation 1994; Left the College in 2016)
1990 – 2016	American College of Emergency Physicians (ACEP), Texas Chapter
1991 – 1994	Council of Residency Directors in Emergency Medicine (CORD)
1992 – 1994	Society of Academic Emergency Medicine (SAEM), Residency Committee
1992 – 1994	Council of Residency Directors in Emergency Medicine (CORD), Question Data Bank Task Force
1992 – 1995	Society of Academic Emergency Medicine (SAEM), National Consensus Group on Clinical Skills
2000 – Present	American College of Medical Toxicology (ACMT), Fellow

	(Fellow designation 2007)
2004 – Present	American College of Medical Toxicology (ACMT), Education Committee
2004 – 2019	American College of Medical Toxicology (ACMT), Fellowship Directors Committee
2004 – Present	American Academy of Clinical Toxicology (AACT)
2015 – Present	American Society of Addiction Medicine (ASAM), Fellow (Fellow designation 2018)
2017 – Present	Food & Drug Administration (FDA), Drug Safety and Risk Mitigation Committee. Ad Hoc.

Editorial Activities

Year(s)	Journal Name		
Editorial Board	Editorial Board		
2000 – Present	Emergency Medicine Reports		
2003 – 2010	Texas Emergency Bulletin		
Abstract Review	<u>ver</u>		
1998-2000	Society of Academic Emergency Medicine; "Innovations in Emergency Medical Education"		
2000	Government Services Chapter ACEP Meeting		
2004, 2005 2008-2021	North American Congress on Clinical Toxicology		
Ad Hoc Review	<u>er</u>		
2005	Journal of Anesthesia		
2006	Journal of Respiratory and Critical Care Medicine		
2017-present	The American Journal of Drug and Alcohol Abuse (AJDAA). 2017, 2018 X2, 2019 X3, 2021		
2017-present	Clinical Toxicology. 2017, 2018, 2021(LCLT-2021-0602.R1)		
2018 - present	Journal of Addiction Medicine 2018, 2019, 2020, 2021		
2022	BMC Medical Education		
2022	Journal Medical Toxicology		

Grant Support

<u>Past</u>	Grantor: National Institute for Drug Abuse (NIDA) Center for Clinical Trials Network (CCTN) 2019-2022		
	Title of Project: Emergency Department-INitiated bupreNOrphine and VAlidaTIOn Network Trial (ED-INNOVATION). CTN0099		
	Role (Principal Investigator, Co-Investigator): Principle Investigator		
	Total amount of award (if multi-year) and dates (direct costs only): F01MAR2020-31MAY2020. Direct Costs (DC): 74,331. Indirect Costs (IDC): 19,326 Total DC + IDC: 93,657 FP00020988 (FLW202010-0052): 01JUN2020-28FEB2021 DC: 107,121. IDC: 27,851 Total DC + IDC: 134,972		
Present	Grantor: Health Resources and Services Administration (HRSA) of the US Departme of Health and Human Services. Primary Grantee is the University of Texas at Arlingt School of Social Work. Grant Number – T98HP33478		
	Title of Project: Preparing the Behavioral Health Workforce to Address the Opioid Crisis. Opioid Workforce Expansion		
	Role (Principal Investigator, Co-Investigator): Senior/Key Person 1. Educator.		
	Annual amount and date (direct costs only): See below; is 3-year award		
	Total amount of award (if multi-year) and dates (direct costs only): \$75,000 9/1/2019 - 8/31/2022		
Present	Grantor: Texas Health and Human Services Commission		
	Title of Project: Integrated Family Planning Opioid Response Pilot Project services		
	Role (Principal Investigator, Co-Investigator): Key Person as Physician Service Chief		
	Annual amount and date (direct costs only): 2020-2021; \$63,960		

Clinical Trials Activities

<u>Past</u>	Grantor: Sanofi-Synthelabo Research. EFC 2441	
Title of Project: MATISSE-DVT A Multicentre, randomized, double-blind study compathe efficacy and safety of once daily (o.d.) Org31540/SR90107A versus twice daily (b.i.d.) enoxaparin in the initial treatment of acute symptomatic deep vein thrombosis (DVT)		
	Role (Principal Investigator, Co-Investigator): Principle Investigator	
	2000-2001	

<u>Past</u>	Grantor: The Medicine Company	
	Title of Project: "Studying the Treatment of Acute HyperTension (STAT) Registry"	
	Role (Principal Investigator, Co-Investigator): Principle Investigator	
	2007-2010	

Teaching Activities

Year(s)	Title	Location		
Medical and graduate school didactic and small group teaching				
2002	Management and Evaluation of A Chest Pain Patient. Mini-Medical School on Emergency Medicine and Trauma	UT Southwestern Medical Center		
2003	Management and Evaluation of A Chest Pain Patient. Mini-Medical School on Emergency Medicine and Trauma	UT Southwestern Medical Center		
2003	Family Practice Program Didactics Program. Approach to the patient with apparent minor blunt trauma, Evaluation of Altered Mental Status	UT Southwestern Medical Center		
2004	Second-Year Students; Pharmacology Class; Introduction to Toxicology (3 hours)	UT Southwestern Medical Center		
2005	Second-Year Students; Pharmacology Class; Introduction to Toxicology (3 hours)	UT Southwestern Medical Center		
2006	Second-Year Students; Pharmacology Class; Introduction to Toxicology (3 hours)	UT Southwestern Medical Center		
2007	UT School of Public Health and Occupational Medicine (via video conferencing); Clinical Toxicology Introduction	UT Southwestern Medical Center		
2007	Second-Year Students; Pharmacology Class; Introduction to Toxicology (3 hours)	UT Southwestern Medical Center		
2008	UT School of Public Health and Occupational Medicine (via video conferencing); Introduction to Toxicology and Poison Control Centers Toxicology Basics	UT Southwestern Medical Center		
2008	Second-Year Students; Pharmacology Class; Introduction to Toxicology (3 hours)	UT Southwestern Medical Center		
2009	Second-Year Students; Pharmacology Class; Introduction to Toxicology (3 hours)	UT Southwestern Medical Center		
2010	Second-Year Students; Pharmacology Class; Introduction to Toxicology (3 hours)	UT Southwestern Medical Center		
2011	Pediatric Emergency Medicine Fellowship Didactic Conference; Chest Pain Evaluation and Management	Children's Medical Center		
2011	Second-Year Students; Pharmacology Class; Introduction to Toxicology (3 hours)	UT Southwestern Medical Center		
2013	Second-Year Students; Pharmacology Class;	UT Southwestern Medical Center		

	Introduction to Toxicology (3 hours)	
2014	Second-Year Students; Pharmacology Class; Introduction to Toxicology (3 hours)	UT Southwestern Medical Center
2015	Second-Year Students; Pharmacology Class; Introduction to Toxicology (3 hours)	UT Southwestern Medical Center
2015	First-Year Students; Pharmacology Class; Introduction to Toxicology (2 hours)	UT Southwestern Medical Center
2016	ACLS Course. Airway Lab	UT Southwestern Medical Center
2017	First-Year Students; Pharmacology Class; Introduction to Toxicology (2 hours)	UT Southwestern Medical Center
2018	PACT Students Research Presentation. Introduction to Evidence Based Medicine – Focus on Finding the Evidence	UT Southwestern Medical Center
2018	Medical Student EM Group; Tox and Addiction and EM.	UT Southwestern Medical Center
Postgraduate	medical education (graduate & continuing medical ed	ucation)
1996	Family Practice Residency, Transfusion Therapy	UT Southwestern Medical Center
1996	Family Practice Residency; The Primary Survey Assessment of Minor Blunt Trauma	UT Southwestern Medical Center
1997	Domestic Violence Week, Presenter, Elder Abuse Overview	UT Southwestern Medical Center
2000	Pediatric Emergency Medicine Fellows Lecture, Alcohol Withdrawal	Children's Medical Center
2000	St Paul Family Practice Residency Program; Acute Coronary Syndrome Management Management of Apparent Minor Blunt Trauma	UT Southwestern Medical Center
2005	Emergency Medicine Interns Monthly Conference Series; The Parkland Chest Pain Protocol	UT Southwestern Medical Center
2005	Emergency Medicine Interns Monthly Conference Series; The Parkland Chest Pain Protocol	UT Southwestern Medical Center
2005	UT Southwestern Family Medicine Residency; Alcohol Emergencies	UT Southwestern Medical Center
2006	Emergency Medicine Interns Monthly Conference Series; The Parkland Chest Pain Protocol	UT Southwestern Medical Center

2007	Emergency Medicine Interns Monthly Conference Series; The Parkland Chest Pain Protocol	UT Southwestern Medical Center
2008	Pediatric Emergency Medicine Fellowship Conference; Toxic Inhalations	Children's Medical Center
2008	Emergency Medicine Interns Monthly Conference Series; The Parkland Chest Pain Protocol	UT Southwestern Medical Center
2008	Pediatric Emergency Medicine Fellowship Conference; Hypertensive Emergencies	Children's Medical Center
2008	Program Directors Workshop; Writing and Implementing Objectives for the Core Competencies	UT Southwestern Medical Center
2008	Emergency Medicine Student Association Introduction to Emergency Medicine and Medical Toxicology	UT Southwestern Medical Center
2008	Pediatric Emergency Medicine Fellowship Conference; Diagnosis and Treatment of Pulmonary Embolism	Children's Medical Center
2008	Family Medicine Residency Conference; Introduction to the Toxicology Basics	UT Southwestern Medical Center
2009	Parkland Decontamination Team Training. Toxicologists and Decontamination – A Relationship to be Enhanced	Parkland Memorial Hospital
2011	Anesthesia Grand Rounds. Stimulants and More	Parkland Memorial Hospital
2011	Critical Care Fellowship. Intro to Tox and Some Bicarbonate Considerations	Parkland Memorial Hospital
2013	Internal Medicine Residency Noon Critical Care Conference. A Potpourri of Critical Care Toxicology.	UT Southwestern Medical Center
2014	Critical Care Conference. Case Discussant relative to a Methadone exposure.	Children's Medical Center
2015	Internal Medicine Residency Noon Critical Care Conference. Medical Toxicology - A Collection of Cases	UT Southwestern Medical Center
2016	Children's Medical Center Noon Conference: Laundry Pods (Co-Discussant with my fellows)	Children's Medical Center
2016	Gold Humanism Honor Society Presentation. Introduction to Addiction	UT Southwestern Medical Center

2017	Internal Medicine Residency Noon Critical Care Conference. Medical Toxicology - A Collection of Cases	UT Southwestern Medical Center
2017	Family Medicine Residency didactic Conference. Addiction Medicine 101 and 102	UT Southwestern Medical Center
2017	PACT Students Research Presentation. June 2017. Introduction to Evidence Based Medicine	UT Southwestern Medical Center
2017	Internal Medicine Noon Conference; Addiction – How Have I Been Wrong Over the Years? Let me Count the Ways	UT Southwestern Medical Center
2018	MFM Fellow Conference; Buprenorphine and Addiction	UT Southwestern Medical Center
2018	Ob/Gyn Weekly Conference; Introduction to Addiction and to Care of the Pregnant Patient with SUD	UT Southwestern Medical Center
2018	Ob/Gyn Weekly Conference; Addiction – Manipulative patient – the Texas PDMP	UT Southwestern Medical Center
2019	Addiction- What It Is and Isn't Department of Emergency Medicine Faculty Development	UT Southwestern Medical Center
1994 – 2006	Altered Mental Status Evaluation; Combative Patient; Chest Pain Evaluation; Leaving Against Medical Advice; Minor Blunt Trauma – Evaluation & Management Monthly Presentations	UT Southwestern Medical Center Medical Students on EM Rotation presentations
1997	Advanced Airway Adjuncts	UT Southwestern Medical Center Emergency Medicine Residency
1997	Aspirin and Acetaminophen	UT Southwestern Medical Center Emergency Medicine Residency
1997- July, Aug	Pharmacologic Aids to Intubation	UT Southwestern Medical Center Emergency Medicine Residency
1998	Advanced Airway Adjuncts	UT Southwestern Medical Center Emergency Medicine Residency
1998	Alcohol and Glycols	UT Southwestern Medical Center Emergency Medicine Residency
1998	Alcohol: Some Patients Ponder	UT Southwestern Medical Center Emergency Medicine Residency
1998	Blood Component Therapy	UT Southwestern Medical Center Emergency Medicine Residency

1998	Chest Pain History	UT Southwestern Medical Center Emergency Medicine Residency
1998	Documentation Fun	UT Southwestern Medical Center Emergency Medicine Residency
1998	Making a Happy Patient	UT Southwestern Medical Center Emergency Medicine Residency
1998	Primary Survey Like Never Before	UT Southwestern Medical Center Emergency Medicine Residency
1998	Wet It? Dry It? Cream or Ointment?	UT Southwestern Medical Center Emergency Medicine Residency
1999	Acetaminophen	UT Southwestern Medical Center Emergency Medicine Residency
1999	Acute Coronary Syndrome Management	UT Southwestern Medical Center Emergency Medicine Residency
1999	Differential Diagnoses and Bayes Theorem	UT Southwestern Medical Center Emergency Medicine Residency
1999	Leaving Against Medical Advice	UT Southwestern Medical Center Emergency Medicine Residency
1999	Low Molecular Weight Heparin	UT Southwestern Medical Center Emergency Medicine Residency
1999	Sympathomimetics	UT Southwestern Medical Center Emergency Medicine Residency
2000	Dermatology for Emergency Medicine	UT Southwestern Medical Center Emergency Medicine Residency
2000	Documentation for Reimbursement	UT Southwestern Medical Center Emergency Medicine Residency
2001	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2001	CPC Case	UT Southwestern Medical Center Emergency Medicine Residency
2002	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2002	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2002	Stomach Stuff	UT Southwestern Medical Center Emergency Medicine Residency
2002	Transfusion Therapy	UT Southwestern Medical Center Emergency Medicine Residency
2002	Venous Thromboembolic Disease: Diagnosis	UT Southwestern Medical Center Emergency Medicine Residency

2003	Blood Component Therapy	UT Southwestern Medical Center Emergency Medicine Residency
2003	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2003	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2003	Food Poisoning	UT Southwestern Medical Center Emergency Medicine Residency
2004	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2004	CPC Case	UT Southwestern Medical Center Emergency Medicine Residency
2004	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2005	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2005	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2005	PE and DVT: Diagnosis with a Touch of Therapy	UT Southwestern Medical Center Emergency Medicine Residency
2006	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2006	Chest Pain Evaluation – Intern Conference	UT Southwestern Medical Center Emergency Medicine Residency
2006	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2006	Top Articles of 2005	UT Southwestern Medical Center Emergency Medicine Residency
2007	Blood Component Therapy	UT Southwestern Medical Center Emergency Medicine Residency
2007	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2007	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2007	Transfusion Therapy	UT Southwestern Medical Center Emergency Medicine Residency
2008	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2008- Feb, Aug	Chest Pain Evaluation – Intern Conference	UT Southwestern Medical Center Emergency Medicine Residency

2008	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2009	Abdominal Pain Small Group Teaching	UT Southwestern Medical Center Emergency Medicine Residency
2009	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2009	Case Conference with a resident	UT Southwestern Medical Center Emergency Medicine Residency
2009	Chest Pain Evaluation – Intern Conference	UT Southwestern Medical Center Emergency Medicine Residency
2009	Chest Pain Small Group Teaching	UT Southwestern Medical Center Emergency Medicine Residency
2009	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2010	Blood Component Therapy	UT Southwestern Medical Center Emergency Medicine Residency
2010- Mar, Dec	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2010	Case Conference with a resident	UT Southwestern Medical Center Emergency Medicine Residency
2010	Chest Pain Evaluation – Intern Conference	UT Southwestern Medical Center Emergency Medicine Residency
2010	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2010	Panel Discussion. Chest Pain Evaluation	UT Southwestern Medical Center Emergency Medicine Residency
2011	Acute Coronary Syndrome Faculty Panel	UT Southwestern Medical Center Emergency Medicine Residency
2011	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2011	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2011- Aug, Sept, Dec	Evidenced Based Medicine/PBL	UT Southwestern Medical Center Emergency Medicine Residency
2011	Patient Satisfaction	UT Southwestern Medical Center Emergency Medicine Residency
2012	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2012	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency

2012- Mar, May, Aug, Sept, Nov	Evidenced Based Medicine/PBL	UT Southwestern Medical Center Emergency Medicine Residency
2013- Feb, Aug	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2013	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2013- Jan, Sept, Dec	Evidenced Based Medicine/PBL	UT Southwestern Medical Center Emergency Medicine Residency
2013	Oral Board Review Session	UT Southwestern Medical Center Emergency Medicine Residency
2013	Simulation Wars Judge	UT Southwestern Medical Center Emergency Medicine Residency
2014	Cardiovascular Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2014	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2014	Evidenced Based Medicine/PBL	UT Southwestern Medical Center Emergency Medicine Residency
2014	Oral Board Review Session	UT Southwestern Medical Center Emergency Medicine Residency
2015	Endocrine Board Review	UT Southwestern Medical Center Emergency Medicine Residency
2015- May, Aug, Oct, Dec	Evidenced Based Medicine/PBL	UT Southwestern Medical Center Emergency Medicine Residency
2015	Transfusion Therapy	UT Southwestern Medical Center Emergency Medicine Residency
2016	Addiction Medicine – Introduction	UT Southwestern Medical Center Emergency Medicine Residency
2016- Aug, Oct	Evidenced Based Medicine/PBL	UT Southwestern Medical Center Emergency Medicine Residency
2016	History of EM at Parkland – Panel	UT Southwestern Medical Center Emergency Medicine Residency
2017	Evidenced Based Medicine/PBL	UT Southwestern Medical Center Emergency Medicine Residency
2017	Expert Panel – Multiple Topics	UT Southwestern Medical Center Emergency Medicine Residency
2017	My Favorite Clinical Pearls	UT Southwestern Medical Center Emergency Medicine Residency
2018	Alcohol Withdrawal	UT Southwestern Medical Center Emergency Medicine Residency

2018		Wellness Panel Aug 2017	UT Southwestern Medical Center Emergency Medicine Residency
2018		Toxicology Board Review Sessions	UT Southwestern Medical Center Medical Toxicology
2019 -	- May	Review of NACCT Abstracts for EBM	UT Southwestern Medical Center Medical Toxicology
2019 -	Aug	Addiction – What it is and what it isn't	UT Southwestern Medical Center Emergency Medicine Faculty Development Session
2020 -	- June	Toxicology Board Review Session	UT Southwestern Medical Center Medical Toxicology
2020 -	- July	Iron	Toxicology Fellowship UT Southwestern Medical Center
2020 -	- Aug	Novel Agents of Abuse	Toxicology Fellowship UT Southwestern Medical Center
2020	Oct	Snakebite Treatment Journal Club	Toxicology Fellowship UT Southwestern Medical Center
2020	Dec	Chart Review Studies - EBM	UT Southwestern Medical Center Emergency Medicine Residency
2021	Jan	Amphetamines	Toxicology Fellowship UT Southwestern Medical Center
2021	Apr	Benzodiazepines & Alcohol Withdrawal	Toxicology Fellowship UT Southwestern Medical Center
2021	May	Drug Testing Updates and Overview	Toxicology Fellowship UT Southwestern Medical Center
2021	Jun	Benzos – Pharmacology and Dynamics	Toxicology Fellowship UT Southwestern Medical Center
2021	Jul	Hydrocarbons – Some of Them	Toxicology Fellowship UT Southwestern Medical Center
2021	Aug	Navigating Getting Promoted and Your Annual Departmental Evaluation	UT DEM Faculty UT Southwestern Medical Center
2021	Sep	Hydrocarbons – Other of Them	Toxicology Fellowship UT Southwestern Medical Center
2021	Nov	Benzodiazepines and Addiction and PK and PD	Addiction Medicine Service UT Southwestern Medical Center
2021	Nov	Inhaled Water Soluble Irritants	Toxicology Fellowship UT Southwestern Medical Center

Invited Lectures

Year(s)	Title	Location
<u>National</u>		
1995	Society of Academic Emergency Medicine Annual Meeting, Bedside Observation of Residents: How Often? How Formal? Panel Discussion	San Antonio, TX
1996	Society of Academic Emergency Medicine & The Council of Residency Directors' Faculty Development Course, "Navigating The Academic Waters." Creative Clinical Teaching	Denver, CO
1996	Society of Academic Emergency Medicine Annual Meeting; Teaching's Toughest Part: Determining Goals, Objectives & Methods Praise and Criticism: Giving Feedback They'll Listen To	Denver, CO
1996	Physicians for a Violence Free Society National Meeting; Elder Abuse: Misconceptions & Other Neat Stuff	Dallas, Texas
1997	Society of Academic Emergency Medicine & The Council of Residency Directors' Faculty Development Course, "Navigating The Academic Waters"; Creative Clinical Teaching	Washington, DC
1997	ACEP Scientific Assembly; Low Molecular Weight Heparin Wet It? Dry It? Cream or Ointment	Washington, DC
1997	Society of Academic Emergency Medicine (SAEM) Annual Meeting; Residents as Teachers Effective Presentations Workshop	Washington, DC
1997	Physicians for a Violence Free Society National Meeting; Elder Abuse: Misconceptions & Other Neat Stuff	Dallas, Texas
1998	ACEP Scientific Assembly, Low Molecular Weight Heparin Wet It? Dry It? Cream or Ointment	San Diego, CA
1998	ACEP Teaching Fellowship; Instructional System Design	Dallas, TX
1998	ACEP Research Fellowship, Journal Club and Research Development	Dallas, TX
1999	Outbreak Symposium During ACEP Scientific Assembly; Acute Thrombosis Management in Emergency Medicine: Advanced Clinical Update for the Year 2000 and Beyond; Maximizing Patient Outcomes in Acute Coronary Syndromes: Current AHA/ACC Protocols and Advances in Anticoagulation-Based Management	Denver, Co
1999	ACEP Teaching Fellowship; Instructional System Design	Dallas, TX

1999	Society of Academic Emergency Medicine (SAEM) Annual Meeting; Creating Journal Club Satisfaction (Panel Discussant)	Chicago, IL
1999	SAEM Pre-Meeting Conference: Standardized Medical Documentation for Domestic Violence Injuries, Introduction to Documentation	Chicago, IL
2000	Medical Launch Meeting; Aventis Pharmaceuticals; Lead Discussant of Breakout Sessions Review of Trials of Prophylaxis of VTE in Medical Patients Review of the PRINCE, PRIME and MEDENOX Trials	San Jose, CA
2000	ACEP Teaching Fellowship; Instructional System Design	Dallas, TX
2000	Teleconference Series; Faculty/Lead Discussant in five sessions; Diagnosis and Treatment of Acute DVT	Dallas, TX
2001	Co-Chairman, 2001 Consensus on the Scientific Basis for Therapeutic Interchange (TI). University Pharmacotherapy Associates; Prophylaxis and Treatment of Venous Thromboembolism Directed the mock P&T Committee on TI of a LMWH	New Orleans, LA
2001	Co-Chairman, 2001 Consensus on the Scientific Basis for Therapeutic Interchange (TI). University Pharmacotherapy Associates; Prophylaxis and Treatment of Venous Thromboembolism Panelist Directed the mock P&T Committee on TI of a LMWH	Beverly Hills, CA
2001	Co-Chairman, 2001 Consensus on the Scientific Basis for Therapeutic Interchange (TI). University Pharmacotherapy Associates; Prophylaxis and Treatment of Venous thromboembolism Panelist Directed the mock P&T Committee on TI of a LMWH	Hilton Head, SC
2001	ACEP Teaching Fellowship; Instructional System Design	Dallas, TX
2001	Closed Consultants Meeting on Venous Thromboembolic Disease, VTE Prophylaxis in the Medical Population Discussion Group Leader on Medical Prophylaxis	Baltimore, Maryland
2001	Closed Consultants Meeting on Venous Thromboembolic Disease, VTE Prophylaxis in the Medical Population Discussion Group Leader on Medical Prophylaxis	Cleveland, OH
2002	ACEP Teaching Fellowship; Instructional System Design	Dallas, TX
2002	Co-Chairman, 2002 Thrombotic Diseases Scientific Assembly; University Pharmacotherapy Associates; Prophylaxis against Venousthromboembolism in Medical Patients Panelist, Directed the mock P&T Committee on TI of a LMWH	Martha's Vineyard, MA

2002	Co-Chairman, 2002 Thrombotic Diseases Scientific Assembly; University Pharmacotherapy Associates; Prophylaxis against Venousthromboembolism in Medical Patients Panelist, Directed the mock P&T Committee on TI of a LMWH	Bal Harbor, FL
2003	ACEP Teaching Fellowship; Instructional System Design	Dallas, TX
2004	ACEP Scientific Assembly; Alcohol Emergencies, Toxic Inhalations, Life-Long Continuous Certification 2004 Part I, Life-Long Continuous Certification 2004 Part V	San Francisco, CA
2004	Toxicology Board Review Course; American College of Medical Toxicology; Hematologic and GI Drug Toxicities; Hydrocarbons and Solvents	Dallas, TX
2004	ACEP Teaching Fellowship; Instructional System Design	Dallas, TX
2005	ACEP Scientific Assembly; Life-Long Continuous Certification 2005 Part I Life-Long Continuous Certification 2005 Part III Life-Long Continuous Certification 2005 Part V	Washington, DC
2005	ACEP Teaching Fellowship; Instructional System Design	Dallas, TX
2006	Toxicology Board Review Course; American College of Medical Toxicology; Hematologic and GI Drug Toxicities; Hydrocarbons and Solvents	Dallas, TX
2006	ACEP Teaching Fellowship; Instructional System Design	Dallas, TX
2006	ACEP Spring Congress; Top Journal Articles of 2005; Life- Long Continuous Certification 2005 Articles	Las Vegas, NV
2007	American College of Medical Toxicology Pre-Symposium at the North American Congress of Clinical Toxicology Meeting; So BasicallyWhat About Bicarbonate?	New Orleans, LA
2007	ACEP Scientific Assembly; DVT – What every emergency physician should know CharcoBicarbaNACaFab-obalamin – It's all about the antidotes	Seattle, WA
2007	ACEP Teaching Fellowship; Instructional System Design	Dallas, TX
2007	University Pharmacotherapy Associates Scientific Education Panel on the Management of NSTE Acute Coronary Syndromes; The Emergency Medicine Approach to Chest Pain Evaluation Case Conference Coordinator	Orlando, FL
2007	27 th International Symposium on Intensive Care and Emergency Medicine (ISICEM); Gut Decontamination in 2007; Electrolyte Abnormalities in Toxicology; The Agitated Patient – Calming the Storm; Opioids – Do You Know the "ins and outs"?; Drug Intoxications – My Favorite	Brussels, Belgium

	Ones; Hypothermia in Resuscitation – Benefits and Harm (Session Moderator)	
2007	Third International GHB & Chemical Drug Conference; The Less Common Drugs of Abuse	Arlington, TX
2008	Grand Rounds for United States Veterans Administration Emergency Medicine Providers. National Telephonic Conference with Handouts. Update on the ACC/AHA 2007 Clinical Practice Guidelines for all Acute Coronary Syndromes	National Teleconference
2008	American College of Medical Toxicology Pre-Symposium at the North American Congress of Clinical Toxicology Meeting; After the Beans Are Already Bad – The Impact of Renal Failure on Clinical Decision Making by Toxicologists	Toronto, Canada
2008	The Science and Medicine of Acute Pressure Syndromes – A Year 2008 Perspective for Emergency Medicine; Break Out Symposium at the ACEP Scientific Assembly; Current ED Armamentarium for acute BP Management – Good and Bad News about Options	Chicago, IL
2009	LLSA Medical Toxicology 2009 Article Review. North American Congress of Clinical Toxicology Meeting; A few Special Articles for You	San Antonio, TX
2009	ACEP Scientific Assembly; Maintaining ABEM Certification Part 2; Alcohol, Ethanol, and Beyond; Burning Down the House – Smoke, Cyanide, and Carbon Monoxide	Boston, MA
2011	American College Medical Toxicology. Seminar in Forensic Toxicology – Stimulants. What's the Buzz? Clinical Presentations of New Stimulants	Arlington, VA
2011	ACMT/AACT. 2011 LLSA Article Review. National Webinar. A review of Four Articles.	National Webinar
2011	North American Congress of Clinical Toxicology Meeting. 2011 LLSA Article Review. A review of Four Articles.	Washington, DC
2012	American Academy of Forensic Science; Annual Meeting. Outcomes with Synthetic Cannabinoids and Comparisons – From Texas	Atlanta, GA
2012	ACMT National Board Review Course. Local and General Anesthetics; Herbals and Nutritional Supplements	New Orleans, LA
2013	ACMT/AACT. 2013 LLSA Article Review. Session Moderator & A Review of Three Articles.	National Webinar
2013	North American Congress of Clinical Toxicology Meeting. AACT sponsored. Articles You May Have Missed. Article Review and Discussion	Atlanta, GA
2013	North American Congress of Clinical Toxicology Meeting. AACT/ACMT 2013 LLSA Article Review.	Atlanta, GA

	Session Moderator & A review of Three Articles.	
2014	American College of Medical Toxicology Scientific Symposium. Poster Session Moderator	Phoenix, AZ
2014	American Association of Occupational Health Nurses National Meeting. Pharmacology of Occupational Related Medications	Dallas, TX
2014	American College of Medical Toxicology National Journal Club Webinar. National Host & Presenter of some of the articles.	National Webinar
2014	National Toxicology Board Review Course. American College of Medical Toxicology. Alcohols and Glycols; Hydrocarbons; The Toxic House	Salt Lake City, UT
2014	American Association of Occupational Health Nurses Webinar. Pharmacology Update: New Meds and New Uses for Old Meds	National Webinar
2015	ACMT/AACT. 2015 LLSA Article Review. National Webinar. Session Moderator & A Review of the Questions	National Webinar
2015	North American Congress of Clinical Toxicology Meeting. AACT/ACMT 2015 LLSA Article Review. Session Moderator & A Review of the Questions	San Francisco, CA
2016	American College of Medical Toxicology Scientific Assembly. Controversies in Hyperammonemia (Co- presenter; Dazhe Cao lead)	Huntington Beach, CA
2016	Region 6 Pediatric Environmental Health Specialty Unit and the CDC. Video Recording to be used by the EPA and PEHSUs. Mercury in the Schools	El Paso, TX
2016	National Toxicology Board Review Course. American College of Medical Toxicology. Alcohols and Glycols; The Toxic House; Hydrocarbons	Salt lake City, UT
2016	Society of Forensic Toxicology National Meeting. The Opiate Toxidrome – What is and what isn't	Dallas, TX
2016	Foundations Recovery National Meeting. Do you know your patients' addictions? How to mitigate risk by choosing the right panels, protecting your patients and your practice.	Dallas, TX
2017	ACMT/AACT. 2017 LLSA Article Review. Session Moderator & A Review of the Questions	National Webinar
2017	North American Congress of Clinical Toxicology Meeting. AACT/ACMT 2017 LLSA Article Review. Session Moderator & A Review of the Questions	Vancouver, BC
2018	ACMT Seminars in Forensic Toxicology – Opioids, Toxicology, and the Law.	Dallas, TX

		The Pregnant Patient with Substance Use Disorder – The Law and Ethics	
2019	Mar	American Society of Addiction Medicine National Meeting. Evaluation & Treatment of Severe Ethanol Withdrawal	Orlando, FL
2019	Jul	ACMT/AACT. 2019 LLSA Article Review. National Webinar. Session Moderator & A Review of the Questions	National Webinar
2020	Aug	American Society of Addiction Medicine. ASAM Alcohol Withdrawal Guidelines: Evaluation and Assessment of Alcohol Withdrawal	National Webinar
2020	Aug	American College of Medical Toxicology Toxicology Board Preparation Review Course 1. Alcohols 2. Hydrocarbons	National Webinar
2020	Oct	American College of Emergency Physicians Annual Scientific Assembly 1. Depressed and Overdosed 2. Still Dope: New on the Scene 3. Opiate Withdrawal in the ED – Treat or Street: ACEP Connect	National Webinar
2021	Jul	ACMT/AACT. 2021 LLSA Article Review. National Webinar. Session Moderator & A Review of the Questions	National Webinar
2021	Oct	North American Congress of Clinical Toxicology Meeting. 2021 LLSA Article Review. National Webinar. Session Moderator & A Review of the Questions	National Webinar
Regiona	l/State/I	Local	
1991		Advanced Trauma Life Support Course	Fort Sam Houston, TX
1993		Emergency Medicine Oral Board Review Course; Joint Services Symposium; Instructor	San Antonio, TX
1993		Advanced Trauma Life Support Course	Fort Sam Houston, TX
1993		Kansas State ACEP Meeting; Gastrointestinal Bleeding	Wichita, Kansas
1994		Emergency Medicine Oral Board Review Course; Joint Services Symposium; Instructor	San Antonio, TX
1994		Advanced Trauma Life Support Course	Fort Hood, TX
1994		Advanced Trauma Life Support Course	Fort Sam Houston, TX
1994		Rising to the Challenge Better Business Club of Copperas Cove	Copperas Cove, TX

1995	Emergency Medicine Oral Board Review Course; Joint Services Symposium; Instructor	San Antonio, TX
1995	Advanced Trauma Life Support Course; UT Southwestern Medical Center	Dallas, TX
1995	Advanced Trauma Life Support Course; UT Southwestern Medical Center	Dallas, TX
1995	University of Texas Southwestern Medical Center Annual Updates In Emergency Medicine; Diagnosis and Management of Supraventricular Tachycardia and Atrial Fibrillation	Dallas, TX
1995	Texas State ACEP Annual Meeting; Fluid Resuscitation Fun	Galveston, Texas
1995- July, Nov	Head and Neck Injuries Paramedic Class, Southwestern Allied Health Sciences School	Dallas, TX
1995	Chest X-Ray Interpretation Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
1996	North Texas Poison Center Network Lecture Series; Alcohol Intoxication: What are the Nuances?	Dallas, TX
1996	Fluid Resuscitation Parkland ESD Nurses CEU Presentation	Dallas, TX
1996	University of Texas Southwestern Medical Center Annual Updates In Emergency Medicine; Alcohol Withdrawal	Dallas, TX
1996	Tidbits on Fluid Resuscitation and Transfusion Therapy Critical Care Nursing Seminar, Parkland Memorial Hospital	Dallas, TX
1996- Oct, June, Feb	Head and Neck Injuries Paramedic Class, Southwestern Allied Health Sciences School	Dallas, TX
1996- Aug, Oct	Abdominal Pain Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
1996	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
1996	Texas State ACEP Annual Meeting; Alcohol: Some Patients to Ponder	Fort Worth, TX
1996	Introduction to Medicine Talented and Gifted Program	Dallas, TX
1996	North Texas Poison Center Network Lecture Series; Alcohol Withdrawal: Controversies & Surprises	Dallas, TX
1997	Neat Things About The Body (Half-Day) Heritage Elementary School 1 st Grade Classes	Colleyville, TX
1997	Introduction to Medicine	Colleyville, TX

	Talented and Gifted Program; Colleyville Heritage High School	
1997	University of Texas Southwestern Medical Center Annual Updates In Emergency Medicine; Wet It? Dry It? Cream or Ointment?	Dallas, TX
1997- Oct, July, Feb	Head and Neck Injuries Paramedic Class, Southwestern Allied Health Sciences School	Dallas, TX
1997	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
1997	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
1998	Kaufman County Medical Society, Low Molecular Weight Heparin	Kaufman County, TX
1998- Oct, June, Feb	Head and Neck Injuries Paramedic Class, Southwestern Allied Health Sciences School	Dallas, TX
1998	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
1998- July, Oct	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
1998	Texas State ACEP Annual Meeting; Low Molecular Weight Heparin	Austin, TX
1998	St. Paul Family Practice Residency Program; Altered Mental Status	Dallas, TX
1998	Brooke Army Medical Center Emergency Medicine Residency Program, Low Molecular Weight Heparin	San Antonio, TX
1998	Titus Regional Medical Physicians, Low Molecular Weight Heparin	Mount Pleasant, TX
1998	Neat Things About The Body (Half-Day) Heritage Elementary School 1st Grade Classes	Colleyville, TX
1998	Introduction to Medicine Talented and Gifted Program	Dallas, TX
1999	Fort Worth Osteopathic Medical Center; Low Molecular Weight Heparin	Fort Worth, TX
1999- Feb, July	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX

1999- Apr, Oct	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
1999	Government Services ACEP Annual Meeting; Management of Acute Coronary Syndromes Old Toxic Alcohols: New Management Protocols	San Antonio, TX
1999	Texas State ACEP Annual Meeting; Topical Treatment of Skin Conditions	Galveston, TX
1999	Nacogdoches County Medical Society, New advances in the management and prevention of DVT/PE	Nacogdoches, TX
1999	Henderson County Medical Society, New advances in the management and prevention of DVT/PE	Athens, TX
1999	Advanced Trauma Life Support Course; UT Southwestern Medical Center	Dallas, TX
1999	Neat Things About The Body (Half-Day) Heritage Elementary School 1 st Grade Classes	Colleyville, TX
1999	University of North Texas Health Science Center: Emergency Medicine Update; Treating Unstable Coronary Artery Disease	Fort Worth, TX
1999	Southwest Emergency Medicine Board Review Course, EMEDS and Texas ACEP, Dermatology; Vascular Emergencies	Dallas, TX
2000- Feb, Nov	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2000- Jan, Mar, June, Aug, Sept, Nov	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2000	Neat Things About The Body (Half-Day) Heritage Elementary School 1 st Grade Classes	Colleyville, TX
2000	Some Things You Do Will Hurt You (Full-Day) Heritage Middle School 7 th Grade Science Classes	Colleyville, TX
2000	Neat Things About The Body (Half-Day) STARS K.D. Polk Elementary 4 th -6 th Grade Classes	Dallas, TX
2000	Toxicology Update 2000: North Texas Poison Center and UT Southwestern Course; Alcohol and Sedative-Hypnotic Withdrawal	Dallas, TX
2000	University of North Texas Health Sciences Center; Hospital Grand Rounds; Low Molecular Weight Heparins; Acute Coronary syndrome Management: Correlation and (Dis) correlation with ACC/AHA 2000 Guidelines	Fort Worth, TX
2001	Advanced Trauma Life Support Course University of North Texas Health Science Center and JPS	Fort Worth, TX

2001- Aug, Nov	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2001	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2001	Texas College of Emergency Physicians Annual Meeting; Update on Arterial and Venous Thrombosis Management	Austin, TX
2001	Advanced Trauma Life Support Course; UT Southwestern Medical Center	Dallas, TX
2001	Community Grand Rounds; Treatment of DVT/PE & Medical Prophylaxis	Oklahoma City, OK
2001	Advanced Trauma Life Support Course; UT Southwestern Medical Center	Dallas, TX
2001	Community Grand Rounds; Treatment of DVT/PE & Medical Prophylaxis	Tulsa, OK
2001	Advanced Trauma Life Support Course; University of North Texas Health Science Center and JPS	Fort Worth, TX
2001	Some Things You Do Will Hurt You (Full-Day) Heritage Middle School 7 th Grade Science Classes	Colleyville, TX
2001	Emergency Medicine Grand Rounds; Jackson Memorial Hospital; Low Molecular Weight Heparins: Overview and use in Acute management of ACS, DVT, and PE	Miami, FL
2001	Emergency Medicine Grand Rounds: Parkland Memorial Hospital; New Management Options for Acute Coronary Syndromes	Dallas, TX
2002	Thrombosis Crisis in Hospitals; American Health Consultants; Prophylaxis against VTE in Medical Patients; Panel Member for Discussion of Questions	San Francisco, CA
2002	Thrombosis Crisis in Hospitals; American Health Consultants; Acute Coronary Syndrome Management Panel Member for Discussion of Questions	New York, NY
2002	Thrombosis Crisis in Hospitals; American Health Consultants; Prophylaxis against VTE in Medical Patients Panel Member for Discussion of Questions	Los Angeles, CA
2002	Metroplex Pharmacists Grand Rounds. University Pharmacotherapy Associates; Therapeutic Interchange: Applications to Low Molecular Weight Heparins?	Dallas, TX
2002	Emergency Medicine Grand Rounds; Treatment of Acute Myocardial Infarction: Yesterday, Today and Tomorrow. Parkland Memorial Hospital	Dallas, TX

2002	Some Things You Do Will Hurt You (Full-Day) Heritage Middle School 7 th Grade Science Classes	Colleyville, TX
2002	Becoming a Physician & The World of the Emergency Room STARS Program; Eighth graders	Dallas, TX
2002	Management and Evaluation of A Chest Pain Patient UT Southwestern; Mini-Medical School on Emergency Medicine and Trauma	Dallas, TX
2002	Thrombosis Crisis in Hospitals; American Health Consultants; Acute Coronary Syndrome Management; Panel Member for Discussion of Questions	St. Louis, MO
2002	Thrombosis Crisis in Hospitals; American Health Consultants; Acute Coronary Syndrome Management Panel Member for Discussion of Questions	Charlotte, NC
2002	Thrombosis Crisis in Hospitals; American Health Consultants; Prophylaxis against VTE in Medical Patients; Panel Member for Discussion of Questions	Denver, CO
2002	Thrombosis Crisis in Hospitals; American Health Consultants; Detroit, Acute Coronary Syndrome Management; Panel Member for Discussion of Questions	Detroit, MI
2002	Advanced Trauma Life Support Course; UT Southwestern Medical Center	Dallas, TX
2002	Venomous Bites of Texas; Texas Association of Physician Assistants Annual Meeting	Fort Worth, TX
2002	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2003	Cincinnati Inpatient Pharmacists Association; Monthly Grand Rounds; University Pharmacotherapy Associates; Therapeutic Interchange: Applications to Low Molecular Weight Heparins?	Cincinnati, OH
2003	Beaumont Area Physicians Group; Medical Prophylaxis Against VTE and Special Populations	Beaumont, TX
2003	Midland Area Physician Group; Acute Coronary Syndrome Management Update	Midland, TX
2003	Home, Not so safe, Home (3-hour presentation) North Texas Poison Center Certified Specialists in Poison Information (C-SPI) Board Review	Dallas, TX
2003	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2003	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX

2003	Neat Things About the Body Red Apple School; Kindergarten	Hurst, TX
2003	Boy Scouts of America; First Aid Merit Badge Course; Roadrunner District Merit Badge College	Bedford, TX
2003	Poisons: Effects, Antidotes & Detection STARS Toxicology Program to High School Science Teachers	Fort Worth, TX
2003	The World of Emergency Medicine STARS program; High School Students	Dallas, TX
2003	Some Things You Do Will Hurt You (Full-Day) Heritage Middle School 7 th Grade Science Classes	Colleyville, TX
2003	First Aid Merit Badge Course Troop 387 of the Roadrunner District Boy Scouts of America	Chamas, CO
2003	Terrorist Response and Emergency Care (TREC) Course Instructor Weatherford Area Health Providers; Biologic Weapons of Mass Destruction, Chemical Weapons of Mass Destruction	Dallas, TX
2003	McAllen Area Physician Group; Medical Prophylaxis Against VTE and Special Populations	McAllen, TX
2003	Terrorist Response and Emergency Care (TREC) Course Instructor Waxahachie Area Health Providers; Biologic Weapons of Mass Destruction, Chemical Weapons of Mass Destruction	Waxahachie, TX
2003	Thrombosis Crisis in Hospitals; American Health Consultants; Acute Coronary Syndrome Management, Panel Member for Discussion of Questions	Dallas, TX
2003	Dayton Inpatient Pharmacists Association; Monthly Grand Rounds; University Pharmacotherapy Associates; Therapeutic Interchange: Applications to Low Molecular Weight Heparins?	Dayton, OH
2003	Thrombosis Crisis in Hospitals; American Health Consultants; Prophylaxis against VTE in Medical Patients Panel Member for Discussion of Questions	Boston, MA
2003	Thrombosis Crisis in Hospitals; American Health Consultants; Update on Acute Coronary Syndrome Management, Panel Member for Discussion of Questions	Washington, DC
2003	Detroit Area Pharmacists and Physicians; Update on Management of Venous and Arterial Thrombosis; University Pharmacotherapy Associates; Prophylaxis & Treatment of Venous Thrombosis	Detroit, MI

2003	Thrombosis Crisis in Hospitals; American Health Consultants; Update on Acute Coronary Syndrome Management, Panel Member for Discussion of Question	Laguna Niguel, CA
2003	Thrombosis Crisis in Hospitals; American Health Consultants; Update on Acute Coronary Syndrome Management, Panel Member for Discussion of Questions	Oklahoma City, OK
2003	Dallas Area Physicians Group - Emergency Room to the Cath Lab: Flow of Care for ACS. Co-presenter with John Warner; ED Management of ACS	Dallas, TX
2004	Advanced Trauma Life Support Course University of North Texas Health Science Center and JPS	Fort Worth, TX
2004	Becoming a Physician & The World of the Emergency Room STARS Program; High School Students	Richland Hills, TX
2004- Jan, Feb	First Aid Merit Badge Course Roadrunner District Merit Badge College; Boy Scouts of America	Bedford, TX
2004	Some Things You Do Will Hurt You (Full-Day) Heritage Middle School 7 th Grade Science Classes	Colleyville, TX
2004	Neat Things About the Body; Red Apple School; Kindergarten	Hurst, TX
2004	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2004	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2004	Acute Clot Crisis in Hospitals; American Health Consultants; Prophylaxis against VTE in Medical Patients, Panel Member for Discussion of Questions	Birmingham, AL
2004	Longview Area Physicians Group; Medical Prophylaxis Against VTE and Special Populations	Longview, TX
2004	Wichita Falls Area Physicians Group; Medical Prophylaxis Against VTE and Special Populations	Wichita Falls, TX
2004	Tyler Area Physicians Group; Medical Prophylaxis Against VTE and Special Populations	Tyler, TX
2004	Temple Area Physicians Group; Medical Prophylaxis Against VTE and Special Populations	Temple, TX
2004	Acute Clot Crisis in Hospitals; American Health Consultants; Prophylaxis against VTE in Medical Patients, Panel Member for Discussion of Questions	St. Louis, MO
2004	Odessa Area Physicians Group; Medical Prophylaxis Against VTE and Special Populations	Odessa, TX

2004	Texas College of Emergency Physicians Annual Meeting; ACS/DVT/PE: Five Questions that Emergency Physicians Should Know	Galveston, TX
2004	Advanced Trauma Life Support Course; Parkland Memorial Hospital	Dallas, TX
2004	UT Southwestern Medical Center and the North Texas Poison Center; Toxicology Grand Rounds; What a Gas!	Dallas, TX
2004	Dennison Area Physicians Group; Medical Prophylaxis Against VTE and Special Populations	Dennison, T
2004	UT Southwestern Medical Center and the North Texas Poison Center; Toxicology Grand Rounds; Alcohol Emergencies	Dallas, TX
2004	Integrating Evidence-Based Strategies for the Prevention and Management of Venous Thromboembolism in At-Risk Patients: PSI; Medical Prophylaxis	San Antonio, TX
2004	Integrating Evidence-Based Strategies for the Prevention and Management of Venous Thromboembolism in At-Risk Patients: PSI; Medical Prophylaxis	Los Angeles, CA
2004	Advanced Trauma Life Support Course; Parkland Memorial Hospital	Dallas, TX
2005	Texas College of Emergency Physicians Annual Meeting, When the Tap Runs Dryand Other Alcohol Emergencies	San Antonio, TX
2005	Home, Not so safe, Home (3-hour presentation) North Texas Poison Center Certified Specialists in Poison Information (C-SPI) Board Review	Dallas, TX
2005	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2005- Feb, May	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2005- Jan, Feb	First Aid Merit Badge Course Roadrunner District Merit Badge College; Boy Scouts of America	Hurst, TX
2005	Some Things You Do Will Hurt You (Full-Day) Heritage Middle School 7 th Grade Science Classes	Colleyville, TX
2005	Neat Things About the Body; Red Apple School; Kindergarten	Hurst, TX
2005	Some Things You Do Will Hurt You (Full-Day) Heritage Middle School 7th Grade Science Classes	Colleyville, TX
2005	Advanced Trauma Life Support Course; Parkland Memorial Hospital	Dallas, TX

2005	American College of Medical Toxicology and ATSDR Agents of Opportunity Course; University of Texas at Dallas Emergency Readiness Expo; Introduction to Toxic Industrial Chemicals & Toxic Industrial Materials; Psychological Aspects of Chemical Mass Casualties	Dallas, TX
2006	Dallas Area Physicians Group; The Latest and Greatest in the Treatment of UA/NSTEMI	Dallas, TX
2006	Emergency Medicine and Toxicology STARS Program; High School Students	Fort Worth, TX
2006	Some Things You Do Will Hurt You (Full-Day) Heritage Middle School 7 th Grade Science Classes	Colleyville, TX
2006	Myrtle Beach Physicians Group; Update on DVT/PE Prophylaxis and Management	Myrtle Beach, SC
2006	Physical Medicine and Rehabilitation Conference; UT Southwestern Medical Center; Prophylaxis Against DVT/PE in the Medical Patient	Dallas, TX
2006	Temple Area Physicians Group; Update on the Treatment of UA/NSTEMI	Temple, TX
2006	Amarillo Veterans Administration Medical Center Grand Rounds; Treatment of DVT and/or PE	Amarillo, TX
2006- Jan, Dec	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2006- Feb, May	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2007	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2007- Feb, Aug	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2007- Jan, Feb	First Aid Merit Badge Course; Roadrunner District Merit Badge College; Boy Scouts of America	Hurst, TX
2007	Advanced Trauma Life Support Course; Parkland Memorial Hospital	Dallas, TX
2007	Texas College of Emergency Physicians Annual Meeting; Herbal Agents	Irving, TX
2007	Drug Enforcement Agency Advanced Narcotics Investigators Course; Drugs of Abuse – Physician Perspective	Dallas, TX
2007	Birmingham, Alabama Physicians; An Evidenced Based Approach to Initiating Antiplatelet Therapy in ACS Patients	Birmingham, AL

2007	Cheese Heroin Update Conference. Region 10 State of Texas Education Service Center; The Toxicology of Drug Use	Mesquite, TX
2007	Dallas Area Physicians; Atherothrombosis – A focus on Peripheral Arterial Disease	Dallas, TX
2007	The Many Faces of Drug Abuse with a Focus on Cheese. Region 10 State of Texas Education Service Center. Teenage Drugs of Abuse	Garland, TX
2007	Fort Worth Area Physicians; An Evidenced Based Approach to Initiating Antiplatelet Therapy in ACS Patients	Fort Worth, TX
2007	Dallas Area Physicians; Dallas, TX; Treatment of DVT and PE	Dallas, TX
2007	Case Management Society of America. Oklahoma Chapter Eastern District; An Evidenced Based Approach to Initiating Antiplatelet Therapy in ACS	Tulsa, OK
2007	Garden City Physicians Group; Antithrombins in Unstable Angina, NSTEMI, & STEMI	Garden City, KS
2007	Liberal Area Medical Staff Meeting; Antithrombins in Unstable Angina, NSTEMI, & STEMI	Liberal, KS
2007	Baylor University Medical Center Emergency Medicine Staff; Important Changes in UA & NSTEMI Care in the 2007 ACC/AHA Guidelines	Dallas, TX
2008	Drug Enforcement Agency Advanced Narcotics Investigators Course; Drugs of Abuse – Physician Perspective	Dallas, TX
2008- Jan, Feb	First Aid Merit Badge Course; Roadrunner District Merit Badge College; Boy Scouts of America	Bedford, TX
2008	Belton, TX Area Physicians; Update on the Management of ACS with Anti-Platelet Agent	Belton, TX
2008	Health Care Providers from Loma Linda University; A New Paradigm in the Treatment of Acute Severe Hypertension	Loma Linda, CA
2008	Health Care Providers from Portland, OR; A New Paradigm in the Treatment of Acute Severe Hypertension	Portland, OR
2008	Health Care Providers from Sacramento, CA; A New Paradigm in the Treatment of Acute Severe Hypertension	Sacramento, CA
2008	Health Care Providers from Chicago, IL; A New Paradigm In the Treatment of Acute Severe Hypertension	Chicago, IL
2008	Health Care Providers from Toledo, OH; A New Paradigm in the Treatment of Acute Severe Hypertension	Toledo, OH
2008	Health Care Providers from Wake Forest University and the area of Winston-Salem, NC; A New Paradigm in the Treatment of Acute Severe Hypertension	Winston-Salem, NC

2008	Health Care Providers from Memphis, TN area; A New Paradigm in the Treatment of Acute Severe Hypertension	Memphis, TN
2008	Home, Not so safe, Home (3-hour presentation) North Texas Poison Center Certified Specialists in Poison Information (C-SPI) Board Review	Dallas, TX
2008	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2008- Feb, July, Nov	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2009	Common Errors in Medical Toxicology Physician Assistant Grand Rounds; Parkland Memorial Hospital	Dallas, TX
2009	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2009- July, Dec	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2009	Cardiovascular Update. Doctor's Hospital at White Rock Lake; Cocaine and its Cardiovascular Comeuppance	Dallas, TX
2009	Health Care Providers from Boston, MA; A New Paradigm In the Treatment of Acute Severe Hypertension	Boston, MA
2009	Health Care Providers from Portland, OR; A New Paradigm In the Treatment of Acute Severe Hypertension	Portland, OR
2009	Emergency Medicine Grand Rounds; Oregon Health and Sciences University; Bicarbonate – So Basically, Where are We?	Portland, OR
2009	QuestCare Emergency Medicine Medical Directors. Acute Severe hypertension and Cleviprex.	Dallas, TX
2009	Emergency Medicine Grand Rounds. John Peter Smith Hospital. Acute Severe Hypertension	Fort Worth, TX
2009	Region VI Environmental Protection Agency Chemical Agent Workshop; Introduction to Toxicology and the Poison Network.	Dallas, TX
2009	Health Care Providers from Dallas, TX. Update in the Management of Acute Coronary Syndromes	Dallas, TX
2009	Health Care Providers from Dallas, TX. Acute DVT Management	Dallas, TX
2009	Dallas Area Physicians. Dallas, TX; Antiplatelet Therapy in Acute Coronary Syndromes	Dallas, TX
2010	Cardiovascular Update. Doctor's Hospital at White Rock Lake; State of Denial – What we Know (and Don't Know)	Dallas, TX
	Lake, State of Delital – what we know (and Don't Know)	

	About Hypertensive Emergencies	
2010	DEA sponsored Roundtable on K2. Southwest Association Of Forensic Scientists. Marijuana vs. Synthetic Cannabinoids.	Dallas, TX
2010	Symposium: Sowhat does that number mean? Southwest Association of Forensic Scientists; Introduction to Toxicologists and Their Role in Drugs of Abuse	Dallas, TX
2010	Internal Medicine Grand Rounds at Methodist Hospital; A Few Things on Acute Overdose Evaluation and Management	Dallas, TX
2010	Introduction to Toxicology and the Poison Network – Integration with Decontamination; Parkland Decontamination Team	Dallas, TX
2010	Acetaminophen Toxicity and Beyond Emergency Nurses Association, Dallas Chapter	Dallas, TX
2010- Mar, Nov	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2010- Jan, Feb	First Aid Merit Badge Course; Roadrunner District Merit Badge College; Boy Scouts of America	Bedford, TX
2011- Jan, Feb	First Aid Merit Badge Course; Roadrunner District Merit Badge College; Boy Scouts of America	Hurst, TX
2011	Forensic toxicology Forensic Science Class at Colleyville Heritage High School	Colleyville, TX
2011	The Use of the Laboratory in Toxicology North Texas Poison Center Toxicology Update	Dallas, TX
2011	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2011	Ethanol Withdrawal Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2011	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2011	North Texas Poison Center – Review of Toxicology. Overview of cardiovascular emergencies	Dallas, TX
2011	ACMT – REAC/TS – CDC. Chemical and Radiation Events. Agents affecting the CNS, Behavioral Considerations in Disaster Events	Oak Ridge, TN
2012	Emergency Medicine Grand Rounds. John Peter Smith Hospital; A Potpourri of Toxicology	Fort Worth, TX
2012	Tarrant County Medical Examiner's Office; A Toxic Mix	Fort Worth, TX
2012	Serious Complaint Triage and Differential	Dallas, TX

	Critical Care Nursing Residency, Parkland Memorial Hospital	
2012- Mar, June	Ethanol Withdrawal Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2012	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2012- Jan, Feb	First Aid Merit Badge Course; Roadrunner District Merit Badge College; Boy Scouts of America	Hurst, TX
2012	ACMT – REAC/TS – CDC. Agents of Opportunity for Terrorism. Agents affecting the CNS, Behavioral Considerations in Disaster Events	Dallas, TX
2012	Indian Health Services – ATSDR – ACMT. Environmental And Health Consequences of Clandestine Methamphetamine Labs. The Chemistry of Methamphetamine Labs, Bath Salts and Synthetic Cannabinoids	Billings, MO
2012	ACMT – REAC/TS – CDC. Agents of Opportunity for Terrorism. Lincoln Memorial University. Agents affecting the CNS Fumigants	Harrogate, TN
2013	Indian Health Services – ATSDR – ACMT. Environmental And Health Consequences of Clandestine Methamphetamine Labs. The Chemistry of Methamphetamine Labs, Bath Salts and Synthetic Cannabinoids, Tabletop Exercise	Aberdeen, SD
2013	Southwest Association of Toxicology (SAT) Annual Meeting. A Toxic Mix of Drugs of Abuse	Fort Worth, TX
2013- Jan, Feb	First Aid Merit Badge Course; Roadrunner District Merit Badge College; Boy Scouts of America	Bedford, TX
2013	Indian Health Services – ATSDR – ACMT. Environmental And Health Consequences of Clandestine Methamphetamine Labs. Course Director; The Chemistry of Methamphetamine Labs, Bath Salts and Synthetic Cannabinoids, Tabletop Exercise	Portland, OR
2013	Grand Rounds. Dell Children's Hospital Pediatrics Residency And Pediatric Emergency Medicine Programs. Decontamination and Overview of Toxidromes, Specific Exposures by Children	Austin, TX
2013	Grand Rounds. Brackenridge Hospital Emergency Medicine Residency Program. The use of sodium bicarbonate in toxicologic emergencies, Faculty Development Session – Evidence Based Medicine – How to get the system rolling	Austin, TX
2013	Grand Rounds. John Peter Smith Emergency Medicine Program. Alcohol Withdrawal	Fort Worth, TX

2013	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2013- Feb, May, Aug, Oct	Ethanol Withdrawal Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2014	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2014- Mar, June, Sept	Ethanol Withdrawal Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2014- Jan, Feb	First Aid Merit Badge Course; Roadrunner District Merit Badge College; Boy Scouts of America	Bedford, TX
2014	Indian Health Services – ATSDR – ACMT. Environmental and Health Consequences of Clandestine Methamphetamine Labs. Course Director: The Chemistry of Methamphetamine Labs, Bath Salts and Synthetic Cannabinoids, Tabletop Exercise	Oklahoma City, OK
2014	Pills and Thrills that Kill – Toxicology in Review. Texas Tech University and the West Texas Poison Center. All in a day's work - Environmental & occupational hazards	El Paso, TX
2014	Indian Health Services – ATSDR – ACMT. Environmental and Health Consequences of Clandestine Methamphetamine Labs. Course Director: The Chemistry of Methamphetamine Labs, Bath Salts and Synthetic Cannabinoids, Tabletop Exercise	Albuquerque, NM
2015	TCEQ Disaster and Emergency Response Workshop. Role of UT Toxicology & the North Texas Poison Center in Chemical Events	Arlington, TX
2015	Bureau of Indian Affairs - ACMT. Environmental and Health Consequences of Clandestine; Methamphetamine Labs. Course Director: The Chemistry of Methamphetamine Labs, Bath Salts and Synthetic Cannabinoids, Tabletop Exercise	Billings, MO
2015	Children's Environmental Health on the Border: Protecting Children Where They Live, Learn, and Play. Region 6 Pediatric Environmental Health Specialty Unit. Mercury – Not uncommon, caustic, and scary	El Paso, TX
2015	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2015- Jan, Mar, Dec	Ethanol Withdrawal	Dallas, TX

	Critical Care Nursing Residency, Parkland Memorial Hospital	
2015	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2016- Jan, Dec	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2016- Mar, Apr, July, Oct	Ethanol Withdrawal Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2016-June, Aug	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2016- Jan, Feb	First Aid Merit Badge Course Roadrunner District Merit Badge College; Boy Scouts of America	Dallas, TX
2016	Addiction Medicine and Current Parkland Status Hands on Healthcare - Behavioral Health Panel. Parkland Memorial Hospital - To Legislative staffers	Dallas, TX
2016	Drug Enforcement Agency. DEA - Drug ID and Clinical Issues for Chemists. Discussant	Dallas, TX
2016	Drug Enforcement Agency and the Southlake Police Department. Southlake Fentanyl Conference. Fentanyl – What we know and don't know and Law Enforcement	Southlake, TX
2016	Third Annual Pills and Thrills that Kill! Toxicology in Review. Texas Tech University Health Science Center. Environmental & Occupational Hazards Plant, Herbs, and Mushrooms	El Paso, TX
2017	North Texas Perinatology Meeting at Parkland. Addiction Medicine 101 and the Parkland Perinatal Intervention Program	Dallas, TX
2017- Jan, Feb	First Aid Merit Badge Course; Roadrunner District Merit Badge College; Boy Scouts of America	Hurst, TX
2017	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2017- Feb, Mar, June, Dec	Ethanol Withdrawal Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2017- Jan, Mar	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2017	Introduction to Addiction Medicine and the Parkland Perinatal Intervention Program	Dallas, TX

	Advanced Practice RNs in the MFM clinic	
2017	Introduction to Addiction Medicine and the Parkland Perinatal Intervention Program Nursing Staff of Parkland Inpatient Units 6A, 6B,7A, and 7B (Four sessions)	Dallas, TX
2017	Introduction to Addiction Medicine and the Parkland Perinatal Intervention Program Parkland Midwives	Dallas, TX
2017	Addiction Medicine and the Neonatal Abstinence Syndrome North Texas Association of Neonatal Nurses – Updates Symposium	Dallas, TX
2017	Drug Enforcement Agency and the Southlake Police Department. Southlake Fentanyl Conference. Fentanyl – how dangerous is it? And the role of Naloxone	Southlake, TX
2017	Correctional Management Institute of Texas 2017 Drug Impact Conference. Introduction to Addiction	Huntsville, TX
2017	Baylor University Medical Center. Perinatal Conference. SoWhat is Addiction? And How Does it Affect the Pregnant Woman?	Dallas, TX
2017	The 5-Minute Intervention: Integrating Substance use Disorder Treatment into Everyday Practice. Addiction: How Wrong Have I Been? Let Me Count The Ways	Dallas, TX
2018	American College of Medical Toxicology – Pediatric Environmental Health Specialty Unit EPA. Region VI – Children's Environmental Health Symposium. Addiction and the mom, baby and their environment	Dallas, TX
2018	University of North Texas and John Peter Smith Hospital. Ralph J. Anderson Women's Health; Symposium: The Opioid Epidemic. Addiction – Oh How I Have Been Wrong – Let Me Count The Ways	Fort Worth, TX
2018	Dallas County Behavioral Housing Group. Commissioners Court. Addiction & a Touch of Synthetic Cannabinoids.	Dallas, TX
2018	North Texas Association of Neonatal Nurses. NAS – Some Patients to Ponder	Dallas, TX
2018	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2018- Mar, July, Dec	Ethanol Withdrawal Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX

2018- Jan, May	Chest Pain Differential Diagnosis	Dallas, TX
2010	Emergency Nursing Internship, Parkland Memorial Hospital	D.H. TV
2018	Addiction and Care of the Pregnant Woman Parkland Memorial Hospital Antepartum and Postpartum Nursing Staff	Dallas, TX
2019 - Mar	Serious Complaint Triage and Differential Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2019- Feb, June, Aug	Ethanol Withdrawal Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2019 - Jan	Chest Pain Differential Diagnosis Emergency Nursing Internship, Parkland Memorial Hospital	Dallas, TX
2019 - Mar	Drugs of Abuse Heavy Metals Pills and Thrills That Kill Toxicology Board Review Course. Texas Tech University.	El Paso, TX
2019 – Apr, Nov	Addiction 101 Critical Care Nursing Residency, Parkland Memorial Hospital	Dallas, TX
2019 - May	Addiction and Opioids TexMed Meeting (Texas State AMA Meeting). Emergency Medicine Breakout Group	Dallas, TX
2019 – Feb, July	Addiction – What it is and what it isn't Center for Addiction and Recovery Studies. University of Texas Arlington. Social Work Training Program	Arlington, TX
2019- Apr, Nov	Addiction 101 and 102. Child Protective Services of Dallas	Dallas, TX
2019- Jan, Feb	First Aid Merit Badge Course; Roadrunner District Merit Badge College; Boy Scouts of America	Hurst, TX
2020 - Jan	First Aid Merit Badge Course; Roadrunner District Merit Badge College; Boy Scouts of America	Bedford, TX
2020 - Jan	Critical Care Nursing Residency, Parkland Memorial Hospital Ethanol Withdrawal	Dallas, TX
2020 - Jan	Critical Care Nursing Residency, Parkland Memorial Hospital Addiction 101	Dallas, TX
2020 - Jan	HOMES Physicians and Staff. Parkland Health and Hospital System. Addiction versus Physical Dependence – and More.	Dallas, TX

2020 - Jan	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Physical Dependence vs. Addiction and MAT	Dallas, TX
2020 - Feb	Act For Justice Organization Addiction Overview	Dallas, TX
2020 - Feb	The Journey Through Neonatal Abstinence Syndrome: A Mother's Journey. A Symposium for Health Care Providers. Parkland Health and Hospital System <i>Introduction to Addiction and Moderator</i>	Dallas, TX
2020 - Feb	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Opioid Topics Pertinent to Pregnant Women	Dallas, TX
2020 - Mar	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Treatment of Opioid Use Disorder - Methadone and Buprenorphine – The Important Details	Dallas, TX
2020 - Mar	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Marijuana	Dallas, TX
2020 - Mar	Addiction & Recovery Workforce Symposium. UT Arlington Physical Dependence vs Addiction and the Clinical Impact (Cancelled due to COVID)	Arlington, TX
2020 – Apr	Templeton Demographics Consortium Southern Regional School Districts COVID Update Webinar	Dallas, TX
2020 – May	Templeton Demographics Consortium Southern Regional School Districts COVID Update Webinar	Dallas, TX
2020 – Apr	7 th Annual Pills and Thrills that Kill: Toxicology in Review. Texas Tech University & West TX Poison Center 1. Assisted Therapy and Alcohol Withdrawal 2. Environmental and Occupational Hazards (Cancelled Due to COVID)	El Paso, TX
2020 – Apr	Texas College of Emergency Medicine Physicians Opioids and Addiction (Cancelled Due to COVID)	Fort Worth, TX
2020 - May	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Drug Testing	Dallas, TX
2020 - May	TexMed Meeting (Texas State AMA Meeting). Emergency Medicine Breakout Group The Opiate Crisis (With Ethics) (Cancelled Due to COVID)	Fort Worth, TX

2020 – J	luly	Pediatric Environmental Specialty Health Unit, EPA Region 6 Grand Rounds Webinar It Happens – Mercury	Dallas, TX
2020	Dec	Templeton Demographics Consortium Southern Regional School Districts COVID Update Webinar	Webinar
2020	Dec	Critical Care Nursing Residency, Parkland Memorial Hospital Addiction 101	Dallas, TX
2020	Dec	Internal Medicine Hospital Medicine Patient Safety Conference Discussant on Botulism Case and Tetanus Case	Webinar Dallas, TX
2021	Jan	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Physical Dependence vs. Addiction and MAT	Dallas, TX
2021	Feb	Parkland Nurse Internship Program Alcohol Withdrawal	Dallas, TX
2021	Mar	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Opioid Topics Pertinent to Pregnant Women	Dallas, TX
2021	Mar	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Treatment of Opioid Use Disorder - Methadone and Buprenorphine – The Important Details	Dallas, TX
2021	Mar	Pediatric Emergency Medicine Grand Rounds Childrens Health Addiction - The Opioid Crisis - Health Care Imperatives	Dallas, TX
2021	Mar	Infectious Disease and Geographic Medicine Grand Rounds UT Southwestern Medical Center Addiction & The Opioid Crisis What do we do?	Dallas, TX
2021	Apr	Dallas County Public Defenders Office Opioid Addiction & its Treatment& Parkland's Addiction Programs for Women	Dallas, TX
2021	Apr	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Marijuana	Dallas, TX
2021	May	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Drug Testing	Dallas, TX
2021	May	Psychiatry Residency M&M Conference; UTSW Forensic Assessment of a Case	Webinar

2021	May	TexMed 2021for State of Texas If you can't quit – the opioid epidemic	Webinar
2021	June	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Physical Dependence vs Addiction vs SUD	Webinar
2021	July	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Opioid Topics Pertinent to Pregnant Women	Webinar
2021	July	Medical Toxicology Fellow Boot Camp Drug Testing	Webinar
2021	July	Medical Toxicology Fellow Boot Camp Hydrocarbons	Webinar
2021	July	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Medical Treatment of Opioid Use Disorder	Webinar
2021	Aug	University of Texas at Arlington School of Social Work. Masters Class on Addiction. Marijuana	Webinar
2021	Oct	Parkland Memorial Hospital. Emergency Nurses Physical Dependence vs Addiction and Some New Drugs	Webinar

Media

2021	Apr	KERA Public Radio. Vital Signs Show	Dallas, TX
		Rising Rates of Opioid ODs during COVID	

Bibliography

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1.	Howell J, Savitt D, Cline D, Chisholm C, Kleinschmidt K. Level 1 Trauma certification and emergency medicine resident major trauma experience. Acad Emerg Med 1996; 3(4):366-370. DOI: 10.1111/j.1553-2712.1996.tb03452.x. PMID: 8881547
2.	Lamantia J, Rennie W, Risucci D, Cydulka R, Spillane L, Graff L, Becher J, Kleinschmidt K. Interobserver Variability Among Faculty In Evaluations Of Residents' Clinical Skills. Acad Emerg Med 1999; 6(1):38-44. DOI: 10.1111/j.1553-2712.1999.tb00092.x. PMID: 9928975
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5.	Devlin J, Dasta J, Kleinschmidt K , Roberts R, Lapointe M, Varon J, Anderson F, Wyman A, Granger, C, on behalf of the STAT Investigators. Patterns of Antihypertensive Use in Patients with Acute Severe Hypertension from a Non-Neurological Cause: The STAT Registry. Pharmacotherapy 2010;30(11):1087–1096.
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9.	MB Forrester, K Kleinschmidt , E Schwarz, A Young. Synthetic Cannabinoid and Marijuana Exposures Reported to Poison Centers. Hum and Exp Tox 2012. 31(10): 1006–1011.
10.	P Wax, J Brent, K Kleinschmidt . The Toxicology Investigator's Consortium (ToxIC) Registry. J Med Tox 2011. 7:259-265.
11.	Wiegand TJ, Wax PM, Schwartz T, Finkelstein Y, Gorodetsky R, Brent J; Toxicology Investigators Consortium Case Registry Investigators. The toxicology investigators consortium case registry – the 2011 experience (Cited contributor). J Med Toxicol. 2012 Dec;8(4):360-77. doi: 10.1007/s13181-012-0264-9. PMID: 23055123.
12.	Forrester M, Schwarz E, Kleinschmidt K , Young A. Synthetic Cannabinoid Exposures Reported to Texas Poison Centers. J Addictive Diseases 2011. 30 (4):351-358.

13.	Brent J, Wax P, Schwartz T, Kleinschmidt K , Engebretsen K, Beuhler M. The Toxicology Investigators Consortium Case Registry – The 2010 Experience. J Med Tox 2011. 7:266-276.
14.	Rhyee SH, Farrugia L, Wiegand T, Smith EA, Wax PM, Brent J; Toxicology Investigators Consortium (Cited contributor). The Toxicology investigators consortium case registry – the 2013 experience. J Med Toxicol. 2014 Dec;10(4):342-59. doi: 10.1007/s13181-014-0417-0. PMID: 25119250.
15.	Kleinschmidt K, Levy P, Wyman A, Dasta J, Mayer S, Main, A, Pollack C, Shorr A, Froehlich J, Multz A, Peacock F, for the STAT Investigators. Emergency Department Patients With Acute Severe Hypertension: A Comparison of Those Admitted Versus Discharged in Studying the Treatment of Acute Hypertension Registry. Crit Pathways in Cardiol 2014;13: 66–72. PMID: 24827883.
16.	Botch-Jones S, Johnson R, Kleinschmidt K , Bashaw S, Ordonez J. Diphenhydramine's Role in Death Investigations: An Examination of Diphenhydramine Prevalence in 2 US Geographical Areas. Am J Forensic Med Pathol 2014; 35:181-185. PMID: 25051196
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66.	Harvey L, Schulte J, Smith E, Forrester MB, Kleinschmidt K. Essential Oil Exposures

	December 14 - December 25 - October 15 - Oct
	Reported to a Poison System. North American Congress Clinical Toxicology. New Orleans, LA. <i>Clin Toxicol</i> (Phila) 2014; 52:682–818.
67.	Schulte J, Harvey L, Smith E, Kleinschmidt K. Pediatric exposures to culinary spices
07.	reported to a poison control system, 2004-2013. North American Congress Clinical
	Toxicology. New Orleans, LA. <i>Clin Toxicol</i> (Phila) 2014; 52:682–818.
68.	Onisko N, Wax P, Kleinschmidt K, Harvey L. Atorvastatin Associated Fulminant Liver
00.	Failure in an 8 Week Old Infant. North American Congress Clinical Toxicology. New
	Orleans, LA. Clin Toxicol (Phila) 2014; 52:682–818.
69.	Obafemi A, Kleinschmidt K, Forrester MB. Testosterone Exposures Reported to Poison
07.	Centers. North American Congress Clinical Toxicology. New Orleans, LA. <i>Clin Toxicol</i>
	(Phila) 2014; 52:682–818.
70.	Forrester MB, Kleinschmidt K. Comparison of Lurasidone and Ziprasidone Ingestions
	Reported to Poison Centers. North American Congress Clinical Toxicology. New Orleans,
	LA. Clin Toxicol (Phila) 2014; 52:682–818.
71.	Forrester MB, Haynes A, Kleinschmidt K, Young A. Comparison of Molly and
	Methylenedioxymethamphetamine Exposures Reported to Poison Centers. North American
	Congress Clinical Toxicology. New Orleans, LA. Clin Toxicol (Phila) 2014; 52:682–818.
72.	Haynes A, Forrester MB, Kleinschmidt K. Pattern of Asenapine Ingestions Reported to
	Poison Center. North American Congress Clinical Toxicology. New Orleans, LA. Clin
	Toxicol (Phila) 2014; 52:682–818.
73.	Furmaga J, Forrester MB, Young A, Kleinschmidt K. Benzodiazepine Abuse Reported to
	Poison Centers. North American Congress Clinical Toxicology. New Orleans, LA. Clin
	Toxicol (Phila) 2014; 52:682–818.
74.	Gottfried M; Kleinschmidt K, Lee WM, Schwarz E, Velez L. LDH in the Determination of
	Cause in Acute Liver Failure, Revisited. 2014 American Association for the Study of Liver
75	Diseases. Hepatology (2014) 60 (S1):546A-564A.
75.	Onisko N, Kleinschmidt K, Greene S, Bebarta V, Ruha A, Padilla-Jones A, ToxIC Snakebite
	Study. Characteristics of Acute Cottonmouth Envenomation from the ToxIC North American Snakebite Registry (NASBR) Group*. 2015 ACMT Annual Scientific Meeting, Mar 2015,
	Clearwater Beach, FL. J. Med. Toxicol. (2015) 11:2–47.
76.	Onisko N, Kleinschmidt K, Danko C, Severson K. Determination of Respiratory Depression
70.	Measured by Capnography of Acutely Intoxicated Patients Presenting to an Urban
	Emergency Department. 2015 ACMT Annual Scientific Meeting, Mar 2015, Clearwater
	Beach, FL. J. Med. Toxicol. (2015) 11:2–47.
77.	Ruha A, Spyres M, Kleinschmidt K, Greene S, Vohra R, Smith E, Padilla-Jones A, On
	behalf of the TICSS Group*. Snakebite in the Elderly: A Retrospective Cohort of Patients
	Reported to the ToxIC North American Snakebite Registry. 2015 ACMT Annual Scientific
	Meeting, Mar 2015, Clearwater Beach, FL. J. Med. Toxicol. (2015) 11:2–47.
78.	Haynes A, Kleinschmidt K, Forrester M. A Comparison of Opioid Analgesic Exposures
	Reported to Poison Centers Before & After Hydrocodone Reclassification to Schedule II.
	North American Congress Clinical Toxicology. San Francisco, CA. Clin Toxicol (Phila)
	2015; 53(7):639-777.
79.	Forrester M, Kleinschmidt K. Emtricitabine-tenofovir Combination Drug Exposures
	Reported to Poison Centers. North American Congress Clinical Toxicology. San Francisco,
	CA. Clin Toxicol (Phila) 2015; 53(7):639-777.

80.	Forrester M, Haynes A, Kleinschmidt K . Ingestion of Dietary Supplements Containing Beta-
	Methylphenylethylamine Reported to Poison Centers. North American Congress Clinical
	Toxicology. San Francisco, CA. Clin Toxicol (Phila) 2015; 53(7):639-777.
81.	Tae B, Schulte J, Kleinschmidt K. Thermostats a Poorly Recognized Source of Mercury
	Exposure. North American Congress Clinical Toxicology. San Francisco, CA. Clin Toxicol
	(Phila) 2015; 53(7):639-777.
82.	Onisko N, Schulte J, Kleinschmidt K . Characterization of deaths due to snake envenomation
	in the United States between 2000-2013. Platform Presentation at North American Congress
	Clinical Toxicology. San Francisco, CA. Clin Toxicol (Phila) 2015; 53(7):639-777.
83.	Domanski K, Schulte J, Onisko N, Kleinschmidt K . Non-native Snakebites reported to US
	Poison Control Centers 2007 – 2013. North American Congress Clinical Toxicology. San
	Francisco, CA. Clin Toxicol (Phila) 2015; 53(7):639-777.
84.	Kleinschmidt K, Forrester MB, Roth BR. Antibiotic Use With Native Venomous Snakebites
	- Recommended By Poison Centers? ACMT Scientific Assembly; Huntington Beach, CA. J.
	Med. Toxicol. (2016) 12:3–47.
85.	Haynes A, Schulte J, Smith E, Kleinschmidt K. Antineoplastics as Agents of Suicide
	Reported to US Poison Centers from 2000-2014. ACMT Scientific Assembly; Huntington
0.6	Beach, CA. J. Med. Toxicol. (2016) 12:3–47.
86.	Domanski K, Schulte J, Haynes A, Smith E, Kleinschmidt K. Chug, Chug, Toke, Toke,
	Chomp, Chomp: Prevalence of Alcohol and Drug Use in a Snake-bitten Population.
07	ACMT Scientific Assembly; Huntington Beach, CA. J. Med. Toxicol. (2016) 12:3–47.
87.	M Levine, J Brent, P Wax, E Macdonald, T Wiegand, D Vearrier, R McKeever, JB Leikin, M
	Ganetsky, M Beuhler, SJ Stellpflug, A-M Ruha, M Spyres, J Carey, A-J Geib, KM Engebretsen, D Cao, K Kleinschmidt , R Vohra, BD Riley, On behalf of the Lipid Emulsion
	Therapy Study Group. Prospective Cohort Study of Intravenous Lipid Emulsion for
	Resuscitating Critically-ill Poisoned Patients. ACMT Scientific Assembly; Huntington Beach,
	CA. J. Med. Toxicol. (2016) 12:3–47.
88.	Rickner S, Cao D, Kleinschmidt , K. Assessment of patterns of substance abuse among
00.	adolescents and the associated severity of outcome: a five year retrospective cohort study.
	ACMT Scientific Assembly; Huntington Beach, CA. J. Med. Toxicol. (2016) 12:3–47.
89.	Mullins M, Gerardo C, Lavonas E, Kleinschmidt K, King T. Incidence of hypersensitivity
	reactions following copperhead snakebites treated with Fab AV or placebo. Oral Presentation
	at the NACCT Meeting; Boston, MA. Clin Tox 2016. 54(8):659–811.
90.	Rickner S, Kleinschmidt K, Cao D. The Myth of the Gateway Drug: Comparing Nonmedical
	use of Prescription Medications to Traditional Drugs of Abuse in the Adolescent Population.
	Presentation at the NACCT Meeting; Boston, MA. Clin Tox 2016. 54(8):659–811.
91.	Domanski K, Schulte J, Kleinschmidt K, Fleming S, Menendez A, Tavakoli K. U-47700, a
	synthetic opioid obtained online. Presentation at the NACCT Meeting; Boston, MA. Clin Tox
	2016. 54(8):659–811.
92.	Kendall B, Schulte J, Liu P, Thiagarajah M, Domanski K, Lipscomb B, Kleinschmidt K,
	Sharma K. Blooming Trouble: Toxic Flower Cakes. Presentation at the NACCT Meeting;
	Boston, MA. Clin Tox 2016. 54(8):659–811.
93.	Kleinschmidt K, Ruha AM, Wax P, Brent J, Campleman S. On Behalf of the Toxicology
	Investigators Consortium NASBR. Acute Adverse Events Associated With The
	Administration of FabAV Within The North American Snakebite Registry. ACMT Annual
	Scientific Assembly. San Juan, PR. Mar 2017. J. Med. Tox 2017. 13:3–46

(94.	Ruha AM, Kleinschmidt K, Greene S, Spyres M, Wax P, Brent J, Padilla-Jones A,
	, т.	Campleman S. On Behalf of the Toxicology Investigators Consortium NASBR. The
		Epidemiologic and Clinical Characteristics of Snakebites in the North American Snakebite
		Registry. ACMT Annual Scientific Assembly. San Juan, PR. Mar 2017. J. Med. Tox 2017.
		13:3–46.
Ç	95.	Schulte J, Haynes A, Smith E, Roth B, Kleinschmidt K . Pediatric exposures to chemotherapy
		agents reported to US poison centers, 2000-2014. American Academy of Pediatrics National
		Meeting. Chicago, Ill. September 2017.
Ç	96.	Morgan J, Turicchi P, Stewart R, Dashe J, Sheffield J, Kleinschmidt K, Casey B, Roberts S.
		Cost Effectivenss of Opioid Tapering Program. Society of MFM Annual Meeting. Amer J
		Obstet Gyn 2018. 218(1):S379-S380.
Ç	97.	Eldos Y, Kleinschmidt K, Schulte J. Poison Center Calls Made from the Time Hurricane
		Harvey Made Landfall Up to 2 Weeks. ACMT Annual Scientific Assembly. Washington, DC.
		Apr 2018. J Med Tox 2018. 14:3–67.
Ç	98.	Freiermuth C, Gerardo C, Lavonas E, Rapp-Olsson Malin, Kleinschmidt K, Sharma K, and
		Anderson v. Antivenom Administration Was Associated With Shorter Duration of Opioid
		Use in Copperhead Envenomation Patients SAEM Annual Meeting. Acad Emerg Med 2018.
		25(S1):S7-S284.
Ç	99.	Meadors K, Hail S, Kleinschmidt K, Cao D. "Chasing the Dragon" with Fentanyl Patch Gel.
		North American Congress of Clinical Toxicology. Chicago. Clin Tox 2018.
1	100.	Schulte J, Haynes A, Shank B, Kleinschmidt K, Roth B, Menendez A, Smith E. Exposure to
		Antineoplastic Agents Reported to US Poison Control Centers, 2000–2017. ACMT ASM.
		San Francisco, CA. Apr 2019. J Med Tox (2019) 15:53–107.
]	101.	Schulte J, Kleinschmidt K, Haynes A, Roth B, Smith E, Menendez A. Trends in Snakebites
		Before vs. After Texas Tropical Storms and Hurricanes, 2000–2017. ACMT ASM. San
		Francisco, CA. Apr 2019. J Med Tox (2019) 15:53–107.
1	102.	Lavonas E, Burnhamb R, Schwarz J, Quackenbush E, Lewis B, Rutherford SR, Green S,
		Toschlogg E, Charlton N, Mullins M, Schwartz R, Denning D, Sharma K, Kleinschmidt K,
		Bush S, Anderson C, Gindem A, Gerardo C. Recovery from Copperhead Snake
		Envenomation: Role of Age, Sex, Bite Location, Severity, and Treatment. NACCT.
		Nashville, TN Sep 2019. Clin Tox 2019. 57:10, 870-1052
1	103.	Aldy K, Werner C, Click M, Cao AD, Kleinschmidt K. Motrin induced myotomy: The case
		of the broken heart. NACCT. Nashville, TN Sep 2019. Clin Tox 2019. 57:10, 870-1052
1	104.	Schulte J, Kleinschmidt K, Roth B. Snakebites Before and After Hurricanes: Exploration of
		2 surveillance systems that can inform preparedness. National Association of County and City
		Health Officials (NACCHO) - Preparedness Summit in Dallas, Texas. April 2020
1	105.	Schulte J, Haynes A, Smith EA, Roth BA, Kleinschmidt , K. Pet Calls to the North Texas
		Poison Center 2019. Annual Conference on Disease in Nature Transmissible to Man
		2019 Fort Worth, Tx
1	106.	Schulte J, Haynes A, Shank B, Kleinschmidt K, Roth BA, Menendez A, Smith E. Exposures
		to chemotherapy agents among children reported to US poison centers 2000-2017. American
		Academy of Pediatrics National Conference 2019, New Orleans, La
]	107.	Green S, Brandehoff N, Lewis B, Denning D, Schwartz R, Rose R, Quackenbush E,
		Charlton N, Mullins M, Toschlog E, Sharma K, Kleinschmidt K, Bush S,
		Anderson V, Gerardo C, Lavonas E. Clinical Features and Outcomes of Copperhead
		Envenomations Treated with Either Crotalidae Polyvalent Immune Fab (Ovine) or Placebo in

Adolescents. North American Congress of Clinical Toxicology. San Francisco, CA. Sep
2020. Published on-line Sep 9, 2020. 2020, Clinical Toxicology, DOI:
10.1080/15563650.2020.1804238

Non-peer reviewed scientific or medical publications/materials in print or other media

1.	Cited Contributor. Ambulatory Visits to Hospital Emergency Departments. JAMA 1996; 276(6):460-465.
2.	Kleinschmidt KC. Constructive Feedback Essential for Good Teaching. In: Academic News and Views. ACEP; Dallas, TX; 1996.
3.	Lyden P, Hiskenbottom S, Atkinson R, Davis L, Golding J, Hinchey J, Kleinschmidt K, Kwiatkowski T, Lewandowski C, Rorrie C, Sloan E, Silker J, Suter R, Warach S. Professional Education Task Force Report; Improving the chain of recovery for acute stroke in your community. National Institute of Neurological Disorders and Stroke symposium 2002. WWW.ninds.nih.gov/strokeworkshop.htm; 2003.
4.	Kleinschmidt K . Epidemiology and Pathophysiology of Acute Coronary Syndrome. In Johns Hopkins Advanced Studies in Medicine CME series session title "Focus on the Management of ACS – What's now and what's to come. Johns Hopkins Advanced Studies in Medicine 2006; 6(6B):S477-S482.
5.	Kleinschmidt K and O'Connell E. Contribution of a picture, a complication of a Huffer; Figure 136-4; In: Emergency Medicine. Editors: James Adams, Erik Barton, Jamie Collings, Peter DeBlieux, Michael Gisondi; Saunders. Released 2007.
6.	Ordonez J, Velez L, Kleinschmidt K. Electronic Cigarettes and Liquid Nicotine Poisoning. EMDocs.net. May 2014. http://www.emdocs.net/electronic-cigarettes-liquid-nicotine-poisoning/.
7.	Reviewer of Tool; Cited. American College of Emergency Physicians. Buprenorphine Tool that is on-line at https://www.acep.org/patient-care/bupe/ 2019

Poster Sessions (Not published as an abstract)

1.	Kleinschmidt KC, Rice MM, Gatrell CB: Telephone Consultation Demographics and Time
	Requirements in an Emergency Department. Joint Services Symposium, San Antonio, TX,
	1993; (Platform Presentation).
2.	Kleinschmidt K, Roppolo L, Bielamowicz K, Brown J, Chagoya M, Chavez C, Hayes R,
	Hedge J, Mesarwi O, Orr N, Paulson S, Rardin K, Ruddell T, Schaefer J, Wald R, Westfall A,
	Zaremba J, DeLemos J; Creation of a Databank of Patients with Possible Acute Coronary
	Syndromes (ACS): Characteristics, Demographics, Serum Markers, & 30-Day Follow-Up;
	Medical Student Research Forum; UT Southwestern Medical Center; Jan 2006.
3.	Young A, Derousseau S; Parker D; Prieto R, Roppolo L; Kleinschmidt K. The Evaluation
	and Management of Acute, Undifferentiated Agitation in the Emergency Department: An
	Observational Study. UT Southwestern Medical Student Research Forum. January 2009.
4.	Ingrim J, Kleinschmidt K, Stump C, De Oliveira L, Kern J, Pease J, Pierce E. Hypertensive
	Crisis in the ER - FollowUp to 45 days. UT Southwestern Medical Student Research
	Symposium. Dallas, TX. Jan 2011.

5.	Arroyo AM, Schwarz ES, Velez LI, Ordonez J, Wang D, Hail SJ, Kao LW, Kleinschmidt
	KC, Young A. A Survey about Clinician's Knowledge of the Use of Physostigmine in
	Patients Presenting After an Overdose. Great Plains Regional SAEM Research Meeting.
	September 2013.

Academic Activities (Primary Investigator and/or Steering Committee; Clinical Trials)

Principle Investigator - "A Multicentre, randomized, double-blind study comparing the efficacy and safety of once daily (o.d.) Org31540/SR90107A versus twice daily (b.i.d.) enoxaparin in the initial treatment of acute symptomatic deep vein thrombosis (DVT)" Sanofi-Synthelabo Research. EFC 2441 MATISSE-DVT. 2000-2001.
Principle Investigator - "Studying the Treatment of Acute HyperTension (STAT) Registry" Center for Outcomes Research, University of Massachusetts Medical School. The Medicines
Company. 2007-2008. Steering Committee - "Studying the Treatment of Acute HyperTension (STAT) Registry"
Study Coordinating Center; Center for Outcomes Research, University of Massachusetts Medical School. The Medicines Company. 2007-2010.
Steering Committee – "A Randomized, Double-Blind, Placebo-Controlled Study comparing CroFab® versus Placebo with Rescue Treatment for Copperhead Snake Envenomation. PROTOCOL NUMBER: BTG-PR005-002. SPONSOR: BTG International Inc.
Steering Committee – "ToxIC North American Snake Bite Registry" American College of Medical Toxicology sponsored via grant from BTG International Inc.
Expert Panel Member - American Society of Addiction Medicine (ASAM). Drug Testing Guideline Panel. One of 10 members on this ASAM panel establishing the national guidelines for drug testing in the addiction population. The ASAM "Appropriateness of Drug Testing in Clinical Addiction Medicine" manuscript was published by ASAM in June 2017.
Steering Committee - ASAM Appropriateness of Drug Testing Education Roll Out. Began January 2017. Part of the panel creating the education 3 programs for ASAM. Completed end of 2017.
Expert Panel Member - American Society of Addiction Medicine (ASAM). Alcohol Withdrawal Treatment Guidelines. One of 10 members on this ASAM panel establishing the national guidelines for treatment of alcohol withdrawal. Work began May 2018; Group meeting in DC July 2018. Completed March 2020.
Steering Committee - ASAM Alcohol Withdrawal Guidelines: Education Roll Out. Began March 2020. Part of the panel creating the education 6 programs for ASAM. In Process.
Preparing the Behavioral Health Workforce to Address the Opioid Crisis. Health Resources and Services Administration (HRSA) of the US Department of Health and Human Services. Opioid Workforce Expansion Program – Professional. Grant Number – T98HP33478. Primary Grantee is the University of Texas at Arlington; School of Social Work. Period: 9/1/2019-8/31/2022 Goal: Provide addiction and opioid education to providers who can assist in these realms with a particular emphasis on social workers.

Financials: \$25,000 annually
Task Force Oversight Committee Member.
American College of Emergency Physicians Excited Delirium Update. Began August 2020.
Final Paper approved by the BOD on June 23, 2021.
SERVICE CHIEF. START 2020.
INTEGRATED FAMILY PLANNING OPIOID PROGRAM. TEXAS DEPARTMENT OF HEALTH
SERVICES CONTRACT NUMBER: HHS000508300004. FINANCIALS: \$65,000 ANNUALLY.
M Life Dx. UTSW DRUGS OF ABUSE POINT OF CARE CLINICAL
COLLABORATION. Clinical Trial Discussion began 2021
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Academic Activities (Course Director/Creator)

<u>Acader</u>	mic Activities (Course Director/Creator)
1.	Course Director; Emergency Medicine Oral Board Review Course; Joint Services
	Symposium; Half-Day Course; 1995.
2.	Course Director; Emergency Medicine Oral Board Review Course; Joint Services
	Symposium; Half-Day Course; 1996.
3.	Creator and Course Director; "The Fundamentals of Teaching Series"; Society of Academic
	Emergency Medicine Annual Meetings; 1996-1999.
4.	Course Consultant; "ACEP Teaching Fellowship"; ACEP; 1998.
5.	Course Director; Agents of Opportunity Course; American College of Medical Toxicology
	and Agency for Toxic Substances Disease Registry; University of Texas at Dallas Emergency
	Readiness Expo; One-Day Course; Oct 2005.
6.	Course Co-Director; "The Integration and Interaction of Medical Toxicologists with Other
	Medical Specialties"; American College of Medical Toxicology Pre-Symposium for the
	North American Congress of Clinical Toxicology Annual Meeting; One-Day Course; Oct
	2006.
7.	Course Director; "SoWhat Does That Number Mean"; Symposium for the Southwest
	Association of Forensic Chemist Annual Meeting; Half-Day Course; Dallas, TX. Sep 2010.
8.	Course Co-Director; ACMT and AACT 2011 LLSA Article Review Webnar" July 2011.
9.	Course Co-Director; ACMT and AACT 2011 LLSA Article Review. North American
	Congress of Clinical Toxicology Meeting. November 2011.
10.	Course Director; ACMT and AACT 2013 LLSA Article Review Webnar" July 2013.
11.	Course Director. Indian Health Services – ATSDR – ACMT. Environmental and Health
	Consequences of Clandestine Methamphetamine Labs. Portland, OR. Aug 2013.
12.	Course Co-Director; ACMT Seminars in Forensic Toxicology: Consultation in the Civil and
	Criminal Arenas. Baltimore, Maryland. Nov 2013.
13.	Course Director; ACMT and AACT 2013 LLSA Article Review. North American Congress
	of Clinical Toxicology Meeting. Atlanta, GA. November 2013.
14.	Course Director. Indian Health Services – ATSDR – ACMT. Environmental and Health
	Consequences of Clandestine Methamphetamine Labs. Oklahoma City, OK. Apr 2014.
15.	Toxicology Course Section Director. American Association of Occupational Health Nurses
	National meeting. Dallas, TX. May 2014. Pre-Meeting Symposium (3.5 hrs) and Main Meeting
	(3 hours).

16.	Course Director. Indian Health Services – ATSDR – ACMT. Environmental and Health Consequences of Clandestine Methamphetamine Labs. Albuquerque, NM. Aug 2014.
	Course Director; ACMT and AACT 2015 LLSA Article Review. National Webinar via ACMT. July 2015.
17.	Course Director; ACMT and AACT 2015 LLSA Article Review. North American Congress of Clinical Toxicology Meeting. San Francisco, CA. October 2015.
18.	Course Director. Bureau of Indian Affairs - ACMT. Environmental and Health Consequences of Clandestine Methamphetamine Labs. Billings, MO. Aug 2015.
19.	Co-Course Director. Society of Forensic Toxicology National Meeting. One Day Work Shop titled, "Texas Medical Toxicology Detectives: From the Case Files of Parkland Hospital." Dallas, Texas. October 2016.
20.	Course Director; ACMT and AACT 2017 LLSA Article Review. National Webinar via ACMT. July 2017
	Course Director; ACMT and AACT 2017 LLSA Article Review. North American Congress of Clinical Toxicology Meeting. Vancouver, BC. October 2017.
21.	Southwestern Association of Toxicologists. Created the Section of the meeting pertaining to Novel Drugs of Abuse. Dallas, TX. November 2018.
22.	Drug Enforcement Administration. Annual Chemist/Latent Print Examiners Clandestine Lab Recertification. Created the Section Pertaining Toxicology Overview. Dallas, Texas. Feb 2019.
23.	Course Director; ACMT and AACT LLSA Article Review. National Webinar via ACMT. July 2019.
24.	Course Director; North American Congress of Clinical Toxicology Meeting LLSA Article Review. Nashville, TN. October 2019.
25.	Course Director; ACMT and AACT LLSA Article Review. National Webinar via ACMT. July 2021.
26.	Course Director; North American Congress of Clinical Toxicology Meeting LLSA Article Review. Atlanta, GA. October 2021.
27.	Co-Chair of the American College of Medical Toxicology's 2022 Annual Scientific Meeting. Work began February 2021.

Academic Activities (Other)

1.	CPC Competition, Faculty Discussant, SAEM Annual Meeting, May 1993.
2.	CPC Competition, Judge, Texas State ACEP Meeting, Apr 1994.
3.	Specialty Site Surveyor, Emergency Medicine Residency Review Committee,
	1994 – Current.
4.	Instructor, "Introduction to Clinical Medicine Course" for First-Year Medical Students, UT
	Southwestern Medical Center, 1995-1997.
5.	Deep Venous Thrombosis Treatment Advisory Board Meeting; Rhône-Poulanc-Rorer;
	Apr 1998.

6.	Current Cardiovascular Treatment and AMI/ACS Protocols for Physicians and Pharmacists (CTAP): Roundtable and Consensus Panel; For Consensus Reports® by American Health Consultants; Sep 2001 Report Published by American Health Consultants; Dec 2001.
7.	Antibiotic Selection for Community Acquired Pneumonia (ASCAP): Roundtable and Consensus Panel Participant; For Consensus Reports® by American Health Consultants; Feb 2001.
8.	National Institute of Neurological Disorders & Stroke; Stroke Symposium; Task Force (Professional Education) Writing Meeting; Washington DC; Dec 2002.
9.	National Institute of Neurological Disorders & Stroke; Pre-Symposium Task Force (Professional Education) Meeting; Washington DC; Oct 2002.
10.	Antibiotic Selection for Community Acquired Pneumonia (ASCAP): Roundtable and Consensus Panel Participant; For Consensus Reports® by American Health Consultants; Feb 2002.
11.	Venous Thromboembolism Steering Committee - Medical Prophylaxis Focus; Aventis; Feb 2002.
12.	Current Concepts in Thrombosis Meeting; Materials Creation with Proper Identification of Patients at Risk for VTE Development; Aventis; Phoenix, AZ; Dec 2003.
13.	Antibiotic Treatment of Community Acquired Pneumonia; Advisory Board Meeting; Aventis; Phoenix, AZ; Nov 2003.
14.	National Experts Meeting on Thrombosis; American Health Consultants; Phoenix, AZ; Feb 2003.
15.	Antibiotic Selection in Community Acquired Pneumonia and Urinary Tract Infections (ACUTE) Consensus Panel; American Health Consultants; Phoenix, AZ; Dec 2004.
16.	Medical Toxicology Recertification Examination Standard Setting Meeting with Modified Angoff Method; American Board of Emergency Medicine; New Orleans, LA; Dec 2004.
17.	TECH-DVT Consensus Roundtable Meeting on Medical Prophylaxis; Cabo, Mexico; Mar 2004.
18.	Presenter and Moderator of a telephone and computer based CME activity; "Updates in Acute Coronary Syndromes"; Four presentations and Discussions in the week; Princeton Media; Oct 2005.
19.	TREAHT (Treatment Recommendations for Emergency and Hospitalist based Therapy of MRSA); American Health Consultants; Santa Fe, NM; Jun 2005.
20.	Bivalirudin Today and Tomorrow; The Medicine Company; Consultants Meeting; New York; Apr 2005.
21.	AbbreviatiNg Therapy for Important BacterIal OutpatienT InfeCtionS (ANTIBIOTICS) National Experts Consensus Panel; American Health Consultants; Park City, Utah; Feb 2005.
22.	National Experts ACS Educational Forum; American Health Consultants; San Francisco, CA; May 2006.
23.	Quality and Value Advisory Board Meeting. Angiomax. The Medicines Company. Boston. July 2007.
24.	Cleviprex Expert Advisory board Meeting. Chicago, IL. June 2007.
25.	EDICT (Emergency Department and Interventional Cardiology Therapeutics Teams) Conference. Roundtable discussion and answering questions from the audience. Dallas, TX. June 2007.
26.	Evolving Options for Anticoagulation in ACS. National Curriculum Faculty Retreat. University Pharmacotherapy Associates. Orlando, FL. Feb 2007.

27.	Emergency Medicine Advisory Board Meeting on Angiomax; The Medicines Company; San
	Francisco, CA; April 2008.
28.	Launch Meeting for Cleviprex. The Medicines Company. Las Vegas, NE. Sep 2008; Session
	Co-Director on Pharmacokinetic/Pharmacodynamic Data.
29.	Item Writer and Item Editor; National In-Service Examination for Medical Toxicology
	Fellows; American College of Medical Toxicology; Fall 2009 – Spring 2010.
30.	Steering Committee, Data Registry for the Toxicology Investigators Consortium (ToxIC).
	November 2009 – Current.
31.	Venous Thromboembolic Advisory Meeting for Ortho McNeil Jannson. Chicago, Il. Jul
	2010.
32.	Beriplex Advisory Panel Meeting. Dallas, TX. Apr 2011.
33.	Content Review of ACEP New Buprenorphine Tool. Apr 2018.
34.	Conference with Representative Burgess Health Staff along with Parkland Health & Hospital
	system CEO Dr. Cerise – Focus on CFR 42 Part 2. May and July 2018.