***Curriculum vitae***

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| **Date Prepared:** | December 22, 2024 |
| **Name:** | Kurt C. Kleinschmidt, M.D. |
| **Office Address:** | University of Texas Southwestern Medical Center  Department of Emergency Medicine  5323 Harry Hines Boulevard  Dallas, Texas 75390-8579 |
| **Work Phone:** | 214-590-1354 |
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**Education**

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| --- | --- | --- | --- |
| Year | Degree  (Honors) | 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** [*Include residency/fellowship*]

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| --- | --- | --- | --- |
| Year(s) | Titles | Specialty/Discipline  (Lab PI for postdoc fellows) | Institution |
| 1986 –1987 | Intern | Internal Medicine | Letterman Army Medical Center, Presidio of San Francisco, CA |
| 1987 – 1990 | Resident | Emergency Medicine Residency | Madigan Army Medical Center, Fort Lewis, WA |
| 1994 – 1999 | Fellow | Clinical Toxicology Fellowship | University of Texas Southwestern Medical Center |

**Professional Development Training**

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| --- | --- | --- |
| Year(s) | Course or Program, Degree if any | Institution |
| 1992 – 1993 | Emergency Medicine Foundation  Teaching Fellowship | American College of  Emergency Physicians &  UT Southwestern Medical Center |

**Faculty Academic Appointments**

|  |  |  |  |
| --- | --- | --- | --- |
| Year(s) | Academic Title | Department | Academic Institution |
| 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 |
| 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**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Past | | | | |
| Year(s) | Position Title | Department/Division | | Institution |
| 1989 – 1990 | Chief Resident | Emergency Medicine | | Madigan Army  Medical Center |
| 1990-1991 | Medical Director | Emergency Services | | Blanchfield Army Community Hospital  Fort Campbell, KY |
| 1991-1994 | Staff Physician | Emergency Services | | Darnall Army Hospital  Fort Hood, TX |
| 2000 - 2005 | Staff Physician | Emergency Medicine | | Childrens Medical Center |
| Present | | | | |
| 1994 – Present | Staff Physician | | Emergency Services | Parkland Health and  Hospital System |
| 2000 – Present | Staff Physician | | Medical Toxicology | Parkland Health and Hospital System, Children’s Medical Center; UT Southwestern Medical Center |

**Current Licensure and Certification**

Licensure

|  |  |
| --- | --- |
| Year(s) | State |
| 1991 - Present | Texas |

**Board and Other Certification**

|  |  |  |
| --- | --- | --- |
| Year(s) | Specialty | Certifying Organization |
| 1987 | Diplomat | National Board of Medical Examiners |
| 1991 – Present | Emergency Medicine (#900449, Nov 15, 1991;  ReCert Dec 2001, Dec 2011 & Oct 2021) | American Board of  Emergency Medicine |
| 2002 - Present | Medical Toxicology (#900449, Dec 20, 2002;  ReCert Dec 2012; ReCert Dec 2020) | American Board of  Emergency Medicine |
| 2015 - 2018 | Addiction Medicine | American Board of  Addiction Medicine |
| 2018 - Present | Addiction Medicine (#61-3134; 1-1-2018 to 1-31-2029) | American Board of  Preventive Medicine |

**Honors and Awards**

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| --- | --- | --- |
| Year | Name of Honor/Award | Awarding Organization |
| 1986 | Commencement Speaker | USF College of Medicine |
| 1991 | Army Achievement Medal | United States Army |
| 1992 | Meritorious Service Medal | United States Army |
| 1994 | Honorable Discharge | 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 |

**Major Administrative/Leadership Positions**

|  |  |  |
| --- | --- | --- |
| Year(s) | Position Title | Institution |
| 1990 – 1991 | Chief - Emergency Medicine and  Emergency Medical Services | Blanchfield Army Hospital.  Fort Campbell, KY |
| 1997 - 1998 | Medical Director  Emergency Services | Parkland Health and Hospital System |
| 1998 – 2008 | Associate Medical Director  Emergency Services | Parkland Health and Hospital System |
| 1998 – 2003 | Medical Director of Fast Track Emergency Services | Parkland Health and Hospital System |
| 2002 – 2008 | Medical Director of Chest Pain Protocol Emergency Services | Parkland Health and Hospital System |
| 2004 – 2020 | Chief of Medical Toxicology Service | Parkland Health and Hospital System  UT Southwestern University Hospitals  Childrens Health Dallas |
| 2004 – 2020 | Section / Division Chief  Medical Toxicology | UT Southwestern Medical Center |
| 2020 – 2024 | Chief of Service  Integrated Family Planning  Opioid Program | Parkland Health and Hospital System |
| 2016 – Present | Medical Director  Perinatal Intervention Program | Parkland Health and Hospital System |

**Committee Service (***Member, unless noted otherwise)*

|  |  |  |
| --- | --- | --- |
| Year(s) | Name of Committee | Institution/Organization |
| University/Department | | |
| 1995 – 1996 | Clinical Repository Purchasing  Information Group | UT Southwestern Medical Center |
| 2013 – Present | Clinical Competency Committee for  2nd Year EM Residents (1st Year as of 2024) | UT Southwestern Medical Center  Department of Emergency Medicine |
| 2013 – Present | Clinical Competency Committee for  Toxicology Fellows | UT Southwestern Medical Center  Department of Emergency Medicine |
| 2017 – Present | Promotions and Tenure Committee | UT Southwestern Medical Center  Department of Emergency Medicine |
| 2017 | 20th Anniversary Committee | UT Southwestern Medical Center  Department of Emergency Medicine |
| 2018 – Present | Recruitment Committee | UT Southwestern Medical Center  Department of Emergency Medicine |
| 2019 – 2020 | Drugs of Abuse Confirmatory Testing  Work Group | UT Southwestern Medical Center |
| 2019 – Present | Promotions and Tenure Committee | 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 |
| 1994 – 2004 | North Texas Poison Center  Board of Consultants | Parkland Memorial Hospital |
| 1997 – 1998 | Service Chiefs | Parkland Memorial Hospital |
| 1997 – 2004 | Trauma Care Committee | Parkland Memorial Hospital |
| 1997 – 1998 | Emergency Services Department Operations, Chair | Parkland Memorial Hospital |
| 1998 – 2008 | Emergency Services Department Operations, Member | Parkland Memorial Hospital |
| 2001 – 2006 | Antibiotic Subcommittee;  Pharmacy & Therapeutics Committee | Parkland Memorial Hospital |
| 2003 | Physician Assistant of the Year Committee | Parkland Memorial Hospital |
| 2009 – Present | Analgesics Subcommittee;  Pharmacy & Therapeutics Committee | Parkland Health and Hospital System |
| 2009 – 2014 | North Texas Poison Center Quality Committee | Parkland Health and Hospital System |
| 2016 – 2017 | Drug Screen Processes Work Group | Parkland Health and Hospital System |
| 2017 – 2022 | WISH – NAS Work Group | Parkland Health and Hospital System |
| 2019 – 2020 | 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 |
| State/Regional | | |
| 2023 - Present | Regional Opioid Settlement Funds  Stakeholders Group | City of Dallas |
| 2023 - Present | Fentanyl Strike Force | City of Dallas |
| National/International | | |
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**Professional Societies**

|  |  |
| --- | --- |
| Dates | **Society Name**, member |
| 1990 – 2010 | Society of Academic Emergency Medicine (SAEM) |
| 1990 – 2016 | American College of Emergency Physicians (ACEP) |
| 1991 – 1994 | Council of Residency Directors in Emergency Medicine (CORD) |
| 2004 – Present | American Academy of Clinical Toxicology (AACT) |
| 2004 - Present | American College of Medical Toxicology (ACMT) |
| 2015 – Present | American Society of Addiction Medicine (ASAM) |
|  | **Committees** |
| 1992 – 1994 | SAEM Residency Committee |
| 1992 – 1994 | CORD Question Data Bank Task Force |
| 1992 – 1995 | SAEM National Consensus Group on Clinical Skills |
| 2004 – Present | ACMT Education Committee |
| 2004 – 2018 | ACMT Fellowship Directors Committee |
| 2022 - Present | ACMT Awards Committee |
|  | **Fellowships** |
| 1994 - 2016 | ACEP (Ended in 2016 when I left the College) |
| 2007 | ACMT |
| 2018 | ASAM |

**Community Engagement**

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| --- | --- | --- |
| Year(s) | Role, brief description | Organization or institution |
| 1994 | Rising to the Challenge  Better Business Club of Copperas Cove | Copperas Cove, TX |
| 1996 | Introduction to Medicine  Talented and Gifted Program | Dallas, TX |
| 1997 | Neat Things About The Body (Half-Day)  Heritage Elementary School 1st Grade Classes | Colleyville, TX |
| 1997 | Introduction to Medicine  Talented and Gifted Program;  Colleyville Heritage High School | Colleyville, 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 | Neat Things About The Body (Half-Day)  Heritage Elementary School 1st Grade Classes | Colleyville, TX |
| 2000 | Neat Things About The Body (Half-Day)  Heritage Elementary School 1st Grade Classes | Colleyville, TX |
| 2000 | Some Things You Do Will Hurt You  (Full-Day)  Heritage Middle School 7th Grade Science Classes | Colleyville, TX |

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| --- | --- | --- |
| 2000 | Neat Things About The Body (Half-Day)  STARS K.D. Polk Elementary 4th-6th Grade Classes | Dallas, TX |
| 2001 | Some Things You Do Will Hurt You (Full-Day)  Heritage Middle School 7th Grade Science Classes | Colleyville, TX |
| 2002 | Some Things You Do Will Hurt You  (Full-Day)   Heritage Middle School 7th Grade Science Classes | Colleyville, TX |
| 2002 | Becoming a Physician & The World of the Emergency Room STARS Program; Eighth graders | Dallas, TX |
| 2003 | Boy Scouts of America; First Aid Merit Badge Course; Roadrunner District Merit Badge College | Bedford, TX |
| 2003 | First Aid Merit Badge Course  Troop 387 - Roadrunner District Boy Scouts of America | Chamas, CO |
| 2003 | First Aid Merit Badge Course  Troop 387 - Roadrunner District Boy Scouts of America | Chamas, CO |
| 2003 | Poisons: Effects, Antidotes & Detection  STARS Toxicology Program to High School Science Teachers | Dallas, 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 7th Grade Science Classes | Colleyville, TX |
| 2004 | Some Things You Do Will Hurt You (Full-Day) Heritage Middle School 7th Grade Science Classes | Colleyville, TX |
| 2004 – Jan | First Aid Merit Badge Course Roadrunner District Merit Badge College; Boy Scouts of America  Part 1 | Bedford, TX |
| 2004 – Feb | First Aid Merit Badge Course Roadrunner District Merit Badge College; Boy Scouts of America  Part 2 | Bedford, TX |
| 2004 | Neat Things About the Body;  Red Apple School; Kindergarten | Hurst, TX |
| 2005 – Jan | First Aid Merit Badge Course Part 1  Roadrunner District Merit Badge College;  Boy Scouts of America | Hurst, TX |
| 2005 – Feb | First Aid Merit Badge Course  Part 2  Roadrunner District Merit Badge College;  Boy Scouts of America | Hurst, TX |
| 2005 | Some Things You Do Will Hurt You  (Full-Day)   Heritage Middle School 7th Grade Science Classes | Colleyville, TX |
| 2005 | Neat Things About the Body;  Red Apple School; Kindergarten | Hurst, 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 7th Grade Science Classes | Colleyville, TX |
| 2007 – Jan | First Aid Merit Badge Course; Roadrunner District Merit Badge College; Boy Scouts of America Part 1 | Hurst, TX |
| 2007 – Feb | First Aid Merit Badge Course; Roadrunner District Merit Badge College; Boy Scouts of America  Part 2 | Hurst, TX |
| 2008 – Jan | First Aid Merit Badge Course Part 1; Roadrunner District Merit Badge College; Boy Scouts of America | Bedford, TX |
| 2008 – Feb | First Aid Merit Badge Course Part 2; Roadrunner District Merit Badge College; Boy Scouts of America | Bedford, TX |
| 2010 – Jan | First Aid Merit Badge Course Part 1; Roadrunner District Merit Badge College; Boy Scouts of America | Bedford, TX |
| 2010 – Feb | First Aid Merit Badge Course Part 2; Roadrunner District Merit Badge College; Boy Scouts of America | Bedford, TX |
| 2011 – Jan | First Aid Merit Badge Course Part 1; Roadrunner District Merit Badge College; Boy Scouts of America | Hurst, TX |
| 2011 – Feb | First Aid Merit Badge Course Part 2; Roadrunner District Merit Badge College; Boy Scouts of America | Hurst, TX |
| 2011 | Forensic toxicology  Forensic Science Class at Colleyville Heritage High School | Colleyville, TX |
| 2012 – Jan | First Aid Merit Badge Course Part 1; Roadrunner District Merit Badge College; Boy Scouts of America | Hurst, TX |
| 2012 - Feb | First Aid Merit Badge Course Part 2; Roadrunner District Merit Badge College; Boy Scouts of America | Hurst, TX |
| 2012 April | Parkland toxicologist Kurt Kleinschmidt, MD, discussed the potential dangers of the “cinnamon challenge” with WFAA-TV (ABC 8) reporter Janet St. James. The interview aired during the 5 p.m. newscast on April 11. This story also appeared on ABC affiliates in Houston, Austin and St. Louis.  <http://www.wfaa.com/news/health/Viral-Prank-has-Potentially-Dangerous-Health-Consequences-147069105.html> | Dallas, TX |
| 2012 April | CBC TV News. It’s the latest crazy dare sweeping the world wide web like wildfire:  the cinnamon challenge.  The dare is to swallow a spoonful of cinnamon in one minute, with no water.  <http://dfw.cbslocal.com/2012/04/17/dangers-of-the-cinnamon-challenge/> | Dallas, TX |
| 2012  May 22  2012  May 24 | WFAA-TV (ABC 8) reporter Janet St. James. Topic is the new Laundry Detergent Pods that are looking dangerous.  <https://medicalxpress.com/news/2012-05-doctors-kids-detergent.html>  Doctors report rise in kids eating detergent packs.[Description: Associated Press](http://www.ap.org/)By NOMAAN MERCHANT | Associated Press  <https://www.nhregister.com/news/article/Doctors-report-rise-in-kids-eating-detergent-packs-11453535.php> | Dallas, TX |
| 2012  July 11  2012  July 12 | Did phone interview relative to the Sodium Azide poisoning at a Restaurant MMWR article with Ray Leszcynski of the  <https://www.nbcdfw.com/news/local/tea-poisoned-at-dallas-restaurant-rare-cdc/1923370/>  Phone interview for KRLD Radio with morning reporter Emily. On the Sodium Azide. It ran that day. | Dallas, TX |
| 2012  July 1 | TV interview with Gizelle Phelps with CW-33 on the “Shake and Bake” method of making Methamphetamine. Aired during the week of July 23, 2012. | Dallas, TX |
| 2012  Oct 29 | Live TV and taped TV with WFAA and also taped TV with CBS about the Mercury exposures at the school and the three sick kids. Live TV interview with Janet St James  <http://dfw.cbslocal.com/video/7896510-elementary-school-mercury-cleanup-continues/>  <http://www.wfaa.com/news/education/Parents-alerted-about-mercury-spill-at-Dallas-elementary-school-176201601.html>  <http://www.wfaa.com/home/Mercury-Contamination-Suspected-at-DISD-Elementary-176320811.html>  <http://www.wfaa.com/news/health/North-Texas-Poison-Center-expert-fields-questions-about-mercury-exposure-176299731.html> | Dallas, TX |
| 2012  Oct 30th | Taped TV with WFAA after the Elementary School Parent meeting about the mercury | Dallas, TX |
| 2013 – Jan | First Aid Merit Badge Course Part 1; Roadrunner District Merit Badge College; Boy Scouts of America | Bedford, TX |
| 2013 – Feb | First Aid Merit Badge Course Part 2; Roadrunner District Merit Badge College; Boy Scouts of America | Bedford, TX |
| 2013  April 25, | TV interview with Janet St. James of WFAA-TV (ABC 8). Topic was Diversion. | Dallas, TX |
| 2013  Dec 13 | Radio Interveiw with KERA’s Lauren Silverman for the Vital Signs Show. Topic was synthetic cannabinoids. <http://breakthroughs.kera.org/vital-signs-this-aint-your-mothers-marijuana-synthetic-drugs-in-texas/> | Dallas, TX |
| 2014 – Jan | First Aid Merit Badge Course Part 1; Roadrunner District Merit Badge College; Boy Scouts of America | Bedford, TX |
| 2014 – Feb | First Aid Merit Badge Course Part 2; Roadrunner District Merit Badge College; Boy Scouts of America | Bedford, TX |
| 2014  June 10 | North Texas Poison Center - KRLD-AM (Radio) [**North Texas Poison Center on KRLD-AM (Radio) - Dallas, TX**](http://mms.tveyes.com/Expand.asp?aln=17712766&id=243980&dt=06%2f10%2f2014+02%3a07%3a09+PM&u=104026) Did with Chuck Scheckner about pool chemicals. | Dallas, TX |
| June 19, 2014 | KRLD-AM interview. Creepy Crawly Things.  Did with Heather Behrens. | Dallas, TX |
| 2014  Aug 7 | KRLD-CBS interview on E-cigs with Mitch Carr | Dallas, TX |
| March  2016 | KRLD interview on abuse of drug Fentanyl.  Did with Mitch Carr. | Dallas, TX |
| 2016 – Jan | First Aid Merit Badge Course Part 1  Roadrunner District Merit Badge College;  Boy Scouts of America | Dallas, TX |
| 2016 – Feb | First Aid Merit Badge Course Part 2  Roadrunner District Merit Badge College;  Boy Scouts of America | Dallas, TX |
| 2017 – Jan | First Aid Merit Badge Course Part 1; Roadrunner District Merit Badge College; Boy Scouts of America | Hurst, TX |
| 2017 – Feb | First Aid Merit Badge Course Part 2; Roadrunner District Merit Badge College; Boy Scouts of America | Hurst, TX |
| 2017  June 21 | KTVT-TV CBS interview\_  Parkland\_Perinatal intervention program | Dallas, TX |
| 2017  July 15, | Dallas Morning News.  “Feeling Snake-bitten – four times over” | Dallas, TX |
| 2018  July 6 | NBC- 5 Television. Snakebites. Reporter Bianca Castro  <https://www.nbcdfw.com/news/local/poisonous-snake-surprises-woman-in-her-driveway/245725/> | Dallas, TX |
| 2019 – Jan | First Aid Merit Badge Course Part 1; Roadrunner District Merit Badge College; Boy Scouts of America | Hurst, TX |
| 2019 – Feb | First Aid Merit Badge Course Part 2; Roadrunner District Merit Badge College; Boy Scouts of America | Hurst, TX |
| 2019  April 25 | As if they were candy: Why ex-NFL players are pushing back on league’s opioid use. WFAA Television. Rebecca Lopez.  <https://www.wfaa.com/article/news/nfl-athletes-and-opioid-abuse/287-f4fd8eca-d8dc-4fa6-9022-4d0f1bf7dd74> | Dallas, TX |
| 2020 – Jan | First Aid Merit Badge Course Part 1; Roadrunner District Merit Badge College; Boy Scouts of America | Bedford, TX |
| 2020 – Feb | First Aid Merit Badge Course Part 2; Roadrunner District Merit Badge College; Boy Scouts of America | Bedford, TX |
| 2021 Apr | KERA Public Radio. Vital Signs Show  Rising Rates of Opioid ODs during COVID | Dallas, TX |
| 2022 Jul | Tox in Ten – ACMT  Addiction vs SUD vs Physical Dependence (recorded)  <https://education.acmt.net/products/acmt-highlights-tox-in-ten-episode-41> | Webinar |
| 2022 Dec | Interviewed for and helped edit: Addiction Treatment: Access, Utilization, and Outcomes. In PsycomPro. [Addiction Treatment: Access, Utilization, and Outcomes (psycom.net)](https://pro.psycom.net/special_reports/addiction-treatment-access-utilization-and-outcomes) | Web Article |
| 2023 Jun | UT Southwestern Medical Center News Room.  UT Southwestern toxicologist offers tips to keep food safe during summer grilling season.  [UT Southwestern toxicologist offers tips to keep food safe during summer grilling season: Newsroom - UT Southwestern, Dallas, Texas](https://www.utsouthwestern.edu/newsroom/articles/year-2023/june-food-safety-summer-grilling-season.html) | Web Article |
| 2023  Aug 7 | Anti-venom shortage for black widow spider bites may be ending [https://www.washingtonpost.com/wellness/2023/08/07/black-widow-spider-bites-drug-shortage/](https://urldefense.com/v3/__https:/www.washingtonpost.com/wellness/2023/08/07/black-widow-spider-bites-drug-shortage/__;!!MznTZTSvDXGV0Co!D2b034fIV5H45FXWOTeEFY4sAdb8MI51xOm7qwKRmoI5czjbVwscl5j0Rnt8IOoQg-nz_5eFDEyhbYh_Z42lHIDXb24$) | Washington Post |
| 2023 Aug 16 | UTSW Q&A: Experts talk about opioid abuse, risks, treatment. Published August 16, 2023. [UTSW Q&A: Experts talk about opioid abuse, risks, treatment: Newsroom - UT Southwestern, Dallas, Texas](https://www.utsouthwestern.edu/newsroom/articles/year-2023/aug-q-a-opioid-abuse-risks-treatment.html) | Web Article |
| 2023  Sep 25 | Fentanyl's blessing and ruin: Inside a 12-hour shift at Dallas' Parkland Hospital. Dallas Morning News. | DMN Newspaper Article |
| 2024  Feb 21 | [About 42% of US adults know someone who died by overdose, new survey finds | CNN](https://www.cnn.com/2024/02/21/health/us-adults-overdose-survey/index.html) | CNN |
| 2024  July 5 | [Take summer heat health risks seriously, UTSW experts caution: Newsroom - UT Southwestern, Dallas, Texas](https://www.utsouthwestern.edu/newsroom/articles/year-2024/july-summer-heat-health-risks.html) | UT Southwestern Medical Center |
| 2024  Aug 22 | Dallas County drug overdoses, deaths on the rise, report finds ‘When she died, our future died’: Fentanyl has risen to dominate the number of drug overdose deaths in recent years. By: Matt Kyle  <https://www.dallasnews.com/news/public-health/2024/08/22/dallas-fort-worth-area-drug-overdoses-deaths-on-the-rise-report-finds/> | DMN Newspaper Article |
| 2024  Oct 14 | Fentanyl; NTPC as Dallas Opioid Prevention Hotline  By: Steven Dial  <https://www.fox4news.com/news/dallas-county-overdose-prevention-hotline-number-and-hours> | Fox 4 Television |

**Educational Activities**

1. Direct Teaching

(University of Texas Southwestern Medical Center – UTSW)

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| --- | --- | --- | --- | --- | --- |
| Date | Course Name, Rotation or Session Topic | Role | Number of Instruction hours | Learner Audience (number) | Department or Organization |
| Medical and Graduate School (UME) Course Instruction, Small Group Instruction, Clinical Supervision | | | | | |
| 2002 | Management and Evaluation of A Chest Pain Patient. Mini-Medical School on Emergency Medicine and Trauma | Presenter | 1 | 150 | UTSW |
| 2003 | Management and Evaluation of A Chest Pain Patient. Mini-Medical School on Emergency Medicine and Trauma | Presenter | 1 | 150 | UTSW |
| 2003 | Approach to the patient with apparent minor blunt trauma, Evaluation of Altered Mental Status | Presenter | 1 | 30 | Family Medicine Residency  UTSW |
| 2004 | Introduction to Toxicology | Presenter | 3 | 220 | Second-Year Students; Pharmacology Class;  UTSW |
| 2005 | Introduction to Toxicology | Presenter | 3 | 220 | Second-Year Students; Pharmacology Class;  UTSW |
| 2006 | Introduction to Toxicology | Presenter | 3 | 220 | Second-Year Students; Pharmacology Class;  UTSW |
| 2007 | Clinical Toxicology Introduction | Presenter | 2 | 15 | UT School of Public Health and Occupational Medicine |
| 2007 | Introduction to Toxicology | Presenter | 3 | 220 | Second-Year Students; Pharmacology Class;  UTSW |
| 2008 | Introduction to Toxicology and Poison Control Centers Toxicology Basics | Presenter | 2 | 15 | UT School of Public Health and Occupational Medicine |
| 2008 | Introduction to Toxicology | Presenter | 3 | 220 | Second-Year Students; Pharmacology Class;  UTSW |
| 2009 | Introduction to Toxicology | Presenter | 3 | 220 | Second-Year Students; Pharmacology Class;  UTSW |
| 2010 | Introduction to Toxicology | Presenter | 3 | 220 | Second-Year Students; Pharmacology Class;  UTSW |
| 2011 | Chest Pain Evaluation and Management | Presenter | 1 | 12 | Pediatric Emergency Medicine Fellowship Didactic Conference Children’s Medical Center |
| 2011 | Introduction to Toxicology | Presenter | 3 | 220 | Second-Year Students; Pharmacology Class; UTSW |
| 2013 | Introduction to Toxicology | Presenter | 3 | 220 | Second-Year Students; Pharmacology Class;  UTSW |
| 2014 | Introduction to Toxicology | Presenter | 3 | 220 | Second-Year Students; Pharmacology Class;  UTSW |
| 2015 | Introduction to Toxicology | Presenter | 3 | 220 | Second-Year Students; Pharmacology Class;  UTSW |
| 2015 | Introduction to Toxicology | Presenter | 2 | 220 | First-Year Students; Pharmacology Class;  UTSW |
| 2016 | ACLS Course.  Airway Lab | Small Group | 3 | 40 | UTSW |
| 2017 | Introduction to Toxicology | Presenter | 2 | 220 | First-Year Students; Pharmacology Class;  UTSW |
| 2018 | Introduction to Evidence Based Medicine – Focus on Finding the Evidence | Presenter | 1 | 25 | PACT Students Research Presentation. UTSW |
| 2018 | Tox and Addiction and EM | Presenter | 1 | 20 | Medical Student EM Group;  UTSW |
| Graduate Medical Education (GME) Course Instruction, Small Group Instruction, Clinical Supervision | | | | | |
| 1994 – 2006 | Altered Mental Status Evaluation; Combative Patient; Chest Pain Evaluation; Leaving Against Medical Advice; Minor Blunt Trauma – Evaluation & Management Monthly Presentations | Presenter | 1 | 20 | UTSW  Medical Students on EM Rotation presentations |
| 1996 | Transfusion Therapy | Presenter | 1 | 30 | Family Practice Residency, UTSW |
| 1996 | The Primary Survey  Assessment of Minor Blunt Trauma | Presenter | 1 | 30 | Family Practice Residency; UTSW |
| 1997 | Elder Abuse Overview | Presenter | 0.5 | 50 | Domestic Violence Week, UTSW |
| 1997 | Advanced Airway Adjuncts | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1997 | Aspirin and Acetaminophen | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1997 – July | Pharmacologic Aids to Intubation | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1998 | Advanced Airway Adjuncts | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1998 | Alcohol and Glycols | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1998 | Alcohol: Some Patients Ponder | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1998 | Blood Component Therapy | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1998 | Chest Pain History | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1998 | Documentation Fun | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1998 | Making a Happy Patient | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1998 | Primary Survey Like Never Before | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1998 | Wet It? Dry It?  Cream or Ointment? | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1999 | Acetaminophen | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1999 | Acute Coronary Syndrome Management | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1999 | Differential Diagnoses and Bayes Theorem | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1999 | Leaving Against Medical Advice | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1999 | Low Molecular Weight Heparin | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 1999 | Sympathomimetics | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2000 | Alcohol Withdrawal | Presenter | 1 | 12 | Children’s Medical Center Pediatric EM Fellows |
| 2000 | Acute Coronary Syndrome Management.  Management of Apparent Minor Blunt Trauma. | Presenter | 1 | 20 | UTSW  Family Practice Residency Program |
| 2000 | Dermatology for Emergency Medicine | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2000 | Documentation for Reimbursement | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2001 | Cardiovascular  Board Review | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2001 | CPC Case | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2002 | Cardiovascular  Board Review | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2002 | Endocrine  Board Review | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2002 | Stomach Stuff | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2002 | Transfusion Therapy | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2002 | Venous Thromboembolic Disease: Diagnosis | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2003 | Blood Component Therapy | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2003 | Cardiovascular  Board Review | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2003 | Endocrine  Board Review | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2003 | Food Poisoning | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2004 | Cardiovascular  Board Review | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2004 | CPC Case | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2004 | Endocrine  Board Review | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2004 | The Parkland Chest Pain Protocol | Presenter | 1 | 15 | UTSW Emergency Medicine Interns Monthly Conference Series |
| 2005 | The Parkland Chest Pain Protocol | Presenter | 1 | 15 | UTSW Emergency Medicine Interns Monthly Conference Series |
| 2005 | Alcohol Emergencies | Presenter | 1 | 20 | UTSW Family Medicine Residency |
| 2005 | Cardiovascular  Board Review | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2005 | Endocrine  Board Review | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2005 | PE and DVT: Diagnosis with a Touch of Therapy | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2006 | The Parkland Chest Pain Protocol | Presenter | 1 | 15 | UTSW Emergency Medicine Interns Monthly Conference Series |
| 2006 | Cardiovascular  Board Review | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2006 | Chest Pain Evaluation – Intern Conference | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2006 | Endocrine  Board Review | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2006 | Top Articles of 2005 | Presenter | 1 | 30 | UTSW Emergency Medicine Residency |
| 2007 | The Parkland Chest Pain Protocol | Presenter | 1 | 15 | UTSW Emergency Medicine Interns Monthly Conference Series |
| 2007 | Blood Component Therapy | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2007 | Cardiovascular  Board Review | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2007 | Endocrine  Board Review | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2007 | Transfusion Therapy | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2008 | Toxic Inhalations | Presenter | 1 | 12 | Children’s Medical Center Pediatric Emergency Medicine Fellowship Conference |
| 2008 | The Parkland Chest Pain Protocol | Presenter | 1 | 15 | UTSW Emergency Medicine Interns Monthly Conference Series |
| 2008 | Hypertensive Emergencies | Presenter | 1 | 12 | Children’s Medical Center Pediatric Emergency Medicine Fellowship Conference |
| 2008 | Introduction to Emergency Medicine and Medical Toxicology | Presenter | 0.5 | 20 | UTSW Emergency Medicine Student Association |
| 2008 | Diagnosis and Treatment of Pulmonary Embolism | Presenter | 1 | 12 | Children’s Medical Center Pediatric Emergency Medicine Fellowship Conference |
| 2008 | Introduction to the Toxicology Basics | Presenter | 1 | 20 | UTSW Family Medicine Residency Conference |
| 2008 | Cardiovascular  Board Review | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2008 – Feb, Aug | Chest Pain Evaluation – Intern Conference | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2008 | Endocrine  Board Review | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2009 | Abdominal Pain Small Group Teaching | Presenter | 1 | 12 | UTSW Emergency Medicine Residency |
| 2009 | Cardiovascular  Board Review | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2009 | Case Conference with a resident | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2009 | Chest Pain Evaluation – Intern Conference | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2009 | Chest Pain Small Group Teaching | Presenter | 1 | 12 | UTSW Emergency Medicine Residency |
| 2009 | Endocrine  Board Review | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2010 | Blood Component Therapy | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2010 – Mar, Dec | Cardiovascular  Board Review | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2010 | Case Conference with a resident | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2010 | Chest Pain Evaluation | Presenter | 1 | 15 | UTSW Emergency Medicine Residency  Intern Conference |
| 2010 | Endocrine  Board Review | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2010 | Panel Discussion. Chest Pain Evaluation | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2011 | Stimulants and More | Presenter | 1 | 25 | Anesthesia Grand Rounds. Parkland Memorial Hospital |
| 2011 | Intro to Tox and Some Bicarbonate Considerations | Presenter | 1 | 12 | Critical Care Fellowship  UTSW |
| 2011 | Acute Coronary Syndrome  Faculty Panel | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2011 | Cardiovascular  Board Review | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2011 | Endocrine  Board Review | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2011 Aug | Evidenced Based Medicine/PBL 1 | Presenter | 0.5 | 35 | UTSW Emergency Medicine Residency |
| 2011 Sep | Evidenced Based Medicine/PBL 2 | Presenter | 0.5 | 35 | UTSW Emergency Medicine Residency |
| 2011 Dec | Evidenced Based Medicine/PBL 3 | Presenter | 0.5 | 35 | UTSW Emergency Medicine Residency |
| 2011 | Patient Satisfaction | Presenter | 1 | 35 | UTSW Emergency Medicine Residency |
| 2012 | Cardiovascular  Board Review | Presenter | 1 | 40 | UTSW Emergency Medicine Residency |
| 2012 | Endocrine  Board Review | Presenter | 1 | 40 | UTSW Emergency Medicine Residency |
| 2012 – Mar | Evidenced Based Medicine/PBL 1 | Presenter | 0.5 | 40 | UTSW Emergency Medicine Residency |
| 2012 May | Evidenced Based Medicine/PBL 2 | Presenter | 0.5 | 40 | UTSW Emergency Medicine Residency |
| 2012 Aug | Evidenced Based Medicine/PBL 3 | Presenter | 0.5 | 40 | UTSW Emergency Medicine Residency |
| 2012 Sept | Evidenced Based Medicine/PBL 4 | Presenter | 0.5 | 40 | UTSW Emergency Medicine Residency |
| 2012 Nov | Evidenced Based Medicine/PBL 5 | Presenter | 0.5 | 40 | UTSW Emergency Medicine Residency |
| 2013 | A Potpourri of Critical Care Toxicology | Presenter | 1 | 50 | Internal Medicine Residency Noon Critical Care Conference UTSW |
| 2013 – Feb | Cardiovascular  Board Review | Presenter | 1 | 40 | UTSW Emergency Medicine Residency |
| 2013 – Aug | Cardiovascular  Board Review | Presenter | 1 | 40 | UTSW Emergency Medicine Residency |
| 2013 | Endocrine  Board Review | Presenter | 1 | 40 | UTSW Emergency Medicine Residency |
| 2013 – Jan | Evidenced Based Medicine/PBL 1 | Presenter | 0.5 | 40 | UTSW Emergency Medicine Residency |
| 2013 – Sep | Evidenced Based Medicine/PBL 2 | Presenter | 0.5 | 40 | UTSW Emergency Medicine Residency |
| 2013 – Dec | Evidenced Based Medicine/PBL 3 | Presenter | 0.5 | 40 | UTSW Emergency Medicine Residency |
| 2013 | Oral Board  Review Session | Presenter | 1 | 12 | UTSW Emergency Medicine Residency |
| 2013 | Simulation Wars Judge | Presenter | 1 | 40 | UTSW Emergency Medicine Residency |
| 2014 | Methadone exposure. | Presenter | 0.5 | 100 | Children’s Medical Center Critical Care Conference – Case Discussant |
| 2014 | Cardiovascular  Board Review | Presenter | 1 | 40 | UTSW Emergency Medicine Residency |
| 2014 | Endocrine  Board Review | Presenter | 1 | 40 | UTSW Emergency Medicine Residency |
| 2014 | Evidenced Based Medicine/PBL | Presenter | 1 | 40 | UTSW Emergency Medicine Residency |
| 2014 | Oral Board  Review Session | Presenter | 1 | 12 | UTSW Emergency Medicine Residency |
| 2015 | A Collection of Cases | Presenter | 1 | 50 | Internal Medicine Residency Noon Critical Care Conference UTSW |
| 2015 | Endocrine  Board Review | Presenter | 1 | 40 | UTSW Emergency Medicine Residency |
| 2015 –May | Evidenced Based Medicine/PBL 1 | Presenter | 0.5 | 40 | UTSW Emergency Medicine Residency |
| 2015 –Aug | Evidenced Based Medicine/PBL 2 | Presenter | 0.5 | 40 | UTSW Emergency Medicine Residency |
| 2015 –Oct | Evidenced Based Medicine/PBL 3 | Presenter | 0.5 | 40 | UTSW Emergency Medicine Residency |
| 2015 –Dec | Evidenced Based Medicine/PBL 4 | Presenter | 0.5 | 40 | UTSW Emergency Medicine Residency |
| 2015 | Transfusion Therapy | Presenter | 1 | 40 | UTSW Emergency Medicine Residency |
| 2016 | Laundry Pods  (Co-Discussant with my fellows) | Presenter | 1 | 50 | Children’s Medical Center Children’s Medical Center Noon Conference |
| 2016 | Introduction to Addiction | Presenter | 1 | 30 | Humanism Honor Society Presentation UTSW Gold |
| 2016 | Addiction Medicine – Introduction | Presenter | 1 | 50 | UTSW Emergency Medicine Residency |
| 2016 –Aug | Evidenced Based Medicine/PBL 1 | Presenter | 0.5 | 50 | UT Southwestern Medical Center Emergency Medicine Residency |
| 2016 – Oct | Evidenced Based Medicine/PBL 2 | Presenter | 0.5 | 50 | UTSW Emergency Medicine Residency |
| 2016 | History of EM at Parkland | Panel | 1 | 50 | UTSW Emergency Medicine Residency |
| 2017 | A Collection of Toxicology Cases | Presenter | 1 | 50 | Internal Medicine Residency Noon Critical Care Conference UTSW |
| 2017 | Addiction Medicine 101 and 102 | Presenter | 1 | 25 | Family Medicine Residency Didactic Conference UTSW |
| 2017 | Introduction to Evidence Based Medicine | Presenter | 1 | 25 | UTSW PACT Students Research Presentation – June 2017 |
| 2017 | Addiction – How Have I Been Wrong Over the Years? Let me Count the Ways | Presenter | 1 | 50 | Internal Medicine Noon Conference UTSW |
| 2017 | Evidenced Based Medicine/PBL | Presenter | 1 | 50 | UTSW Emergency Medicine Residency |
| 2017 | Expert Comments on Multiple Topics | Panel | 1 | 50 | UTSW Emergency Medicine Residency |
| 2017 | My Favorite  Clinical Pearls | Presenter | 1 | 50 | UTSW Emergency Medicine Residency |
| 2018 | Buprenorphine and Addiction | Presenter | 1 | 12 | MFM Fellow Conference UTSW |
| 2018 | Introduction to Addiction and to Care of the Pregnant Patient with SUD | Presenter | 1 | 30 | Ob/Gyn Resident Conference UTSW |
| 2018 | Addiction – Manipulative patient – the Texas PDMP | Presenter | 1 | 30 | Ob/Gyn Weekly Conference UTSW |
| 2018 | Alcohol Withdrawal | Presenter | 1 | 50 | UTSW Emergency Medicine Residency |
| 2018 | Wellness Panel | Panel | 1 | 50 | UTSW Emergency Medicine Residency |
| 2018 | Toxicology  Board Review | Presenter | 1 | 5 | UTSW Medical Toxicology Fellowship |
| 2019 – May | Review of NACCT Abstracts for EBM | Presenter | 1 | 15 | UTSW Medical Toxicology |
| 2020 – June | Toxicology Board Review Session | Presenter | 1 | 15 | UTSW Medical Toxicology |
| 2020 – July | Iron | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2020 – Aug | Novel Agents  of Abuse | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2020 Oct | Snakebite Treatment Journal Club | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2020 Dec | Chart Review Studies – EBM | Presenter | 1 | 60 | UTSW Emergency Medicine Residency |
| 2021 Jan | Amphetamines | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2021 Apr | Benzodiazepines & Alcohol Withdrawal | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2021 May | Drug Testing Updates and Overview | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2021 Jun | Benzos – Pharmacology and Dynamics | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2021 Jul | Hydrocarbons – Part 1 | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2021 Sep | Hydrocarbons – Part 2 | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2021 Nov | Benzodiazepines and Addiction and PK and PD | Presenter | 1 | 5 | Addiction Medicine Service  UTSW |
| 2021 Nov | Inhaled Water-Soluble Irritants | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2022 Jan | Opioids Ins and Outs – Part 1 | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2022 Jan | Opioids Ins and Outs – Part 2 | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2022 Mar | Inhalants | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2022 Jun | EM Intern Block Orientation  Introduction to the EM Encounter | Presenter | 1 | 15 | UTSW Emergency Medicine Residency |
| 2022 Jul | EM Intern Block Orientation  Introduction to the EM Encounter | Presenter | 1 | 15 | UTSW Emergency Medicine Residency |
| 2022 Jul | Endocrine  Board Review | Presenter | 1 | 70 | UTSW Emergency Medicine Residency |
| 2022 Jul | What A Gas – Part 1 | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2022 Jul | LSD and Lysergamides | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2022 Aug | Dermatology | Presenter | 1 | 70 | UTSW Emergency Medicine Residency |
| 2022 Aug | What A Gas – Part 2 | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2022 Oct | Short Chain Halogenated Hydrocarbons | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2022 Oct | PCBs and PAHs and More | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2022 Nov | Methamphetamine Production and More | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2022 Nov | Opioids - Full vs. Partial; Pure vs. Mixed | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2022 Dec | Alcohol Withdrawal | Presenter | 1 | 15 | Toxicology Fellowship  UTSW |
| 2023 Mar 14 | Pulmonary Irritants | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2023  Jun 29 | Patient Communication &  Expectations for Teaching Shifts | Presenter | 0.25 | 22 | New EM Intern Orientation  UTSW |
| 2023 Jul 31 | Hydrocarbon Basics | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2023 Aug 7 | Glycol Ethers; Gamma Diketones; Propylene Glycol; Benzyl Alcohols | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2023 Aug 15 | Naloxone – Bupe – Physical Dependence | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2023 Aug 16 | Addiction vs. SUD & Rx of Such | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2023 Sep 19 | Evidence Based Medicine – Finding the Evidence | Presenter | 1 | 25 | All EM Fellowship  UTSW |
| 2023 Oct 2 | PCBs and Dioxins | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2023 Oct 31 | Cleaning Agents | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2023 Dec 1 | Sodium Bicarbonate…So Basically…Where are We? | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2023 Dec 1 | Buprenorphine Micro- and Macro-Induction | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2023 Dec 4 | Tryptamines | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2024  Jan 2 | Opioids - Unusual Ones (Mixed agents; Talwin; Imodium; Opioid classes) - | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2024  Jan 3 | Cocaine Cardiovascular – Chest Pain Considerations | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2024  Jan 8 | Alcohol Withdrawal | Presenter | 1 | 10 | EM Interns Monday Conference UTSW |
| 2024  Jan 12 | Cocaine – Pathophysiology and Toxicity | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2024  Jan 16 | Evidence Based Medicine – Chart Review Methods | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2024 Feb 5 | Buprenorphine Dosing in Varied Situations | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2024 Mar 4 | Hyperbaric Therapy for Carbon Monoxide | Presenter | 0.75 | 15 | Toxicology Fellowship UTSW |
| 2024 Mar 4 | Insecticides | Presenter | 0.5 | 15 | Toxicology Fellowship UTSW |
| 2024 Mar 5 | Halogenated Hydrocarbons | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2024  Apr 22 | Kratom, Marijuana, and Edibles (50 minutes) | Presenter | 0.8 | 15 | Toxicology Fellowship  UTSW |
| 2024  Apr 22 | Sensitivity and Specificity of Signs/Symptoms in the Evaluation of Toxidromes | Presenter | 0.5 | 15 | Toxicology Fellowship UTSW |
| 2024  May 10 | Alcohol Withdrawal – Controversies and More | Presenter | 1 | 15 | Toxicology Fellowship UTSW |
| 2024 June 6 | Shark Tank Judge and Discussant | Panel Judge | 1.5 | 70 | Emergency Medicine Residency UTSW |
| 2024  June 26 | Patient Interaction Expectations | Presenter | 0.25 | 26 | Emergency Medicine Interns UTSW |
| 2024  July 22 | Hydrocarbons Intro + Toluene | Presenter | 1.0 | 4 | Toxicology  Fellowship |
| 2024  July 25 | Dermatology Board Review | Presenter | 0.5 | 70 | Emergency Medicine Residency  UTSW |
| 2024  Aug 13 | My 2 Least Favorite Drugs – Codeine and Tramadol | Presenter | 0.5 | 12 | Toxicology  Fellowship |
| 2024  Aug 13 | Subtleties in Buprenorphine Dosing | Presenter | 1.0 | 12 | Toxicology  Fellowship |
| 2024  Aug 14 | PAH, PCB, Chlorphenoxy Herbicides, Dioxin, Agent Orange | Presenter | 1.0 | 12 | Toxicology Fellowship |
| 2024  Sep 16 | Benzodiazepine Withdrawal | Presenter | 1.0 | 12 | Toxicology Fellowship |
| 2024  Dec 2 | Complicated Precipitated Withdrawal – Fentanyl + Benzos | Presenter | 1.0 | 12 | Toxicology Fellowship |
| 2024  Dec 3 | Benzos – Uses; PK and PD; Clinical – good /bad | Presenter | 1.0 | 12 | Toxicology Fellowship |
| Instructor in Continuing Medical Education (CME), Faculty Development,  National Educational Symposia  Society of Academic Emergency Medicine – SAEM American College of Medical Toxicology -- ACMT American College of Emergency Physicians -- ACEP | | | | | |
| 1995 | Bedside Observation of Residents: How Often? How Formal? | Panel Discussion | 1 | 80 | SAEM Annual Meeting; San Antonio, TX |
| 1996 | Creative Clinical Teaching | Presenter | 1 | 120 | SAEM. Faculty Development Course, “Navigating The Academic Waters  Denver, CO |
| 1996 | Teaching’s Toughest Part: Determining Goals, Objectives & Methods Praise and Criticism: Giving Feedback They’ll Listen To | Presenter | 1 | 80 | SAEM Annual Meeting  Denver, CO |
| 1997 | Creative Clinical Teaching | Presenter | 1 | 120 | SAEM. Faculty Development Course, “Navigating The Academic Waters  Washington, DC |
| 1997 | Residents as Teachers Effective Presentations Workshop | Creator  Presenter  Moderator  Discussant | 2 | 80 | SAEM Annual Meeting  Washington, DC |
| 1998 | Instructional System Design | Presenter | 7 | 30 | American College of Emergency Physicians Teaching Fellowship  Dallas, TX |
| 1998 | Journal Club and Research Development | Presenter | 1.5 | 30 | American College of Emergency Physicians Research Fellowship  Dallas, TX |
| 1999 | Instructional System Design | Presenter | 7 | 30 | American College of Emergency Physicians Research Fellowship  Dallas, TX |
| 2000 | Creating Journal Club Satisfaction | Panel Discussant | 1.5 | 30 | SAEM Annual Meeting  Chicago, IL |
| 2001 | Instructional System Design | Presenter | 7 | 30 | American College of Emergency Physicians Research Fellowship  Dallas, TX |
| 2002 | Instructional System Design | Presenter | 7 | 30 | ACEP Teaching Fellowship  Dallas, TX |
| 2003 | Instructional System Design | Presenter | 7 | 30 | ACEP Teaching Fellowship  Dallas, TX |
| 2004 | Instructional System Design | Presenter | 7 | 30 | ACEP Teaching Fellowship  Dallas, TX |
| 2005 | Instructional System Design | Presenter | 7 | 30 | ACEP Teaching Fellowship  Dallas, TX |
| 2006 | Instructional System Design | Presenter | 7 | 30 | ACEP Teaching Fellowship  Dallas, TX |
| 2007 | Instructional System Design | Presenter | 7 | 30 | ACEP Teaching Fellowship  Dallas, TX |
| 2008 | Writing and Implementing Objectives for the Core Competencies | Presenter | 1 | 30 | UTSW Program Directors Workshop |
| 2019 | Addiction – What It Is and Isn’t | Presenter | 0.75 | 40 | UTSW Department of Emergency Medicine Faculty Development |
| 2021  Aug | Navigating Promotion and Your Annual Departmental Evaluation | Presenter | 0.75 | 60 | UTSW Department of Emergency Medicine Faculty Development |

2. Curriculum Development

Society of Academic Emergency Medicine – SAEM

American College of Emergency Physicians – ACEP

American College of Medical Toxicology - ACMT

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| --- | --- | --- | --- | --- | --- |
| Date | Course Name or Curriculum Product | Role | Purpose | Primary Learner Audience | Organization or Institution |
| 1995 | Emergency Medicine Oral Board Review Course | Course Director | Prepare for Oral Boards | Emergency Medicine faculty | Joint Services Symposium ACEP |
| 1996 | Emergency Medicine Oral Board Review Course | Course Director | Prepare for Oral Boards | Emergency Medicine faculty | Joint Services Symposium ACEP |
| 1996 | The Fundamentals of Teaching Series | Creator and Course Director | Enhance Education Skills | Academic EM Faculty | SAEM Annual Meeting |
| 1997 | The Fundamentals of Teaching Series | Creator and Course Director | Enhance Education Skills | Academic EM Faculty | SAEM Annual Meeting |
| 1998 | Teaching Fellowship | Course Consultant | Develop aspects of this Fellowship | Academic EM Faculty | ACEP |
| 1998 | The Fundamentals of Teaching Series | Creator and Course Director | Enhance Education Skills | Academic EM Faculty | SAEM  Annual Meeting |
| 1999 | The Fundamentals of Teaching Series | Creator and Course Director | Enhance Education Skills | Academic EM Faculty | SAEM  Annual Meeting |
| 2005 | Agents of Opportunity Course at University of Texas at Dallas Emergency Readiness Expo | Course Director | Agents of Terrorism overview | Disaster Response physicians and personnel | ACMT and Agency for Toxic Substances Disease Registry |
| 2006 Oct | The Integration and Interaction of Medical Toxicologists with Other Medical Specialties | Course Co-Director | Address how Tox and other medical specialties interact in patient care | Medical Toxicologists and others with Tox Interests | ACMT Pre-Symposium for the North American Congress of Clinical Toxicology Annual Meeting |
| 2010  Sep | So…What Does That Number Mean | Course Director | Educate on significance of concentrations of varied drugs | Tox training for Forensic personnel | Symposium for the Southwest Association of Forensic Chemist Annual Meeting; Dallas |
| 2011  Jul | 2011 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | ACMT |
| 2011 Nov | 2011 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | North American Congress of Clinical Toxicology |
| 2013  Jul | 2013 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | ACMT |
| 2013 Aug | Environmental and Health Consequences of Clandestine Methamphetamine Labs | Course Director | Enhance clean up and safety of Indian Reservation Population | Indian Health Authorities | Indian Health Services – ATSDR – ACMT Portland, OR |
| 2013 Nov | Seminars in Forensic Toxicology: Consultation in the Civil and Criminal Arenas | Course Co-Director | Educate on Forensic Toxicology | Physicians; Legal Teams | ACMT  Baltimore |
| 2013 Nov | 2013 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | North American Congress of Clinical Toxicology Atlanta |
| 2014 Apr | Environmental and Health Consequences of Clandestine Methamphetamine Labs | Course Director | Enhance clean up and safety of Indian Reservation Population | Indian Health Authorities | Indian Health Services – ATSDR – ACMT  Oklahoma City |
| 2014 May | Occupational Toxicology.  Pre-Meeting Symposium and Main Meeting | Toxicology Course Section Director | Educate on occupational toxicology material | Occupational Nurses | American Association of Occupational Health Nurses National meeting.  Dallas, TX |
| 2014 Aug | Environmental and Health Consequences of Clandestine Methamphetamine Labs | Course Director | Enhance clean up and safety of Indian Reservation Population | Indian Health Authorities | Indian Health Services – ATSDR – ACMT  Albuquerque |
| 2015  Jul | 2015 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | ACMT |
| 2015 Oct | 2015 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | North American Congress of Clinical Toxicology  San Francisco |
| 2015  Aug | Environmental and Health Consequences of Clandestine Methamphetamine Labs | Course Director | Enhance clean up and safety of Indian Reservation Population | Indian Health Authorities | Indian Health Services – ATSDR – ACMT  Billings, MO |
| 2016  Oct | One Day Work Shop: “Texas Medical Toxicology Detectives: From the Case Files of Parkland Hospital | Co-Course Director | Aid in their evaluation of toxicologic cases | Forensic Scientists | Society of Forensic Toxicology National Meeting  Dallas, TX |
| 2017  Jul | 2017 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | ACMT |
| 2017 Oct | 2017 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | North American Congress of Clinical Toxicology Vancouver |
| 2018  Nov | Novel Drugs of Abuse Seminar | Course Director | Educate on clinical and forensic aspects of some drugs of abuse | Forensic Toxicologists | Southwestern Association of Toxicologists  Dallas, TX |
| 2019  Feb | Toxicology Overview | Course Director | Educate on Clinical aspects of common drugs of abuse | Analytical Chemists with various Federal and Local agencies | Annual Chemist/Latent Print Examiners Clandestine Lab Recertification Drug Enforcement Administration  Dallas |
| 2019 Oct | 2019 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | North American Congress of Clinical Toxicology  Nashville |
| 2021  Jul | 2021 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | ACMT |
| 2021 Oct | 2021 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | North American Congress of Clinical Toxicology  Atlanta |
| 2022  Mar | Annual Scientific Meeting | Co-Chair | Education and Research efforts Medical Toxicology | Medical Toxicologists and others with Tox interests | ACMT |
| 2023  Jul | 2023 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | ACMT |
| 2023 Oct | 2023 LLSA  Article Review | Course Co-Director | Aid education to maintain Boards | Medical Toxicologists | North American Congress of Clinical Toxicology  Atlanta |

3. Mentoring and Advising

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| --- | --- | --- | --- | --- |
| Date | Mentee Name | Mentee Level/ Program and Institution | Role | Mentee Outcomes, Current Position |
| 2017-2019 | Ashley Haynes, MD | EM Faculty.  Clinical Practice Pathway.  UT Southwestern | Provided opportunity, Advisement, Education | 2019 Board Certification in Addiction Medicine |
| 2018-2020 | Brett Roth, MD | EM Faculty.  Clinical Practice Pathway.  UT Southwestern | Provided opportunity, Advisement, Education | 2020 Board Certification in Addiction Medicine |
| 2019-2021 | Nancy Onisko, DO | EM Faculty.  Clinical Practice Pathway.  UT Southwestern | Provided opportunity, Advisement, Education | 2021 Board Certification in Addiction Medicine |
| 2020-2022 | Joshua Kern, MD | EM Faculty.  Clinical Practice Pathway.  UT Southwestern | Provided opportunity, Advisement, Education | 2022 Board Certification in Addiction Medicine |
| 2020-2022 | Aldo Andino, MD | EM Faculty.  Clinical Practice Pathway.  UT Southwestern | Provided opportunity, Advisement, Education | 2022 Board Certification in Addiction Medicine |

4. Learner Assessment Activities or Tool Development

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| --- | --- | --- | --- | --- | --- |
| Date | Course Name or Session Topic | Role | Number of Evaluation Hours | Primary Learner Audience | Organization or Institution |
| 2018  Apr | Buprenorphine Tool  https://www.acep.org/patient-care/bupe/ 2019 | Content Review | 10 | Emergency Physicians | American College of Emergency Physicians |

5. Educational Administration and Leadership

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Title | Responsibilities | Time (FTE or hours) | Organization and Program Scope | Outcomes |
| 1991 – 1994 | Program Director  Emergency Medicine Residency | Oversee a residency training program | 0.2 | Darnall Army Hospital  Fort Hood, Texas | 24 EM resident graduates |
| 2004 – 2018 | Program Director  Medical Toxicology Fellowship | Oversee a fellowship training program | 0.2 | UT Southwestern Medical Center | 25 fellow graduates |

**Editorial Activities**

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| Year(s) | Journal Name |
| Editor/Associate Editor | |
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| Editorial Board | |
| 2000 – 2014 | Emergency Medicine Reports |
| 2003 – 2010 | Texas Emergency Bulletin |
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| Abstract Reviewer | |
| 1998 – 2000 | Society of Academic Emergency Medicine;  “Innovations in Emergency Medical Education” |
| 2000 | Government Services Chapter of American College of Emergency Physicians |
| 2004 - 2005; 2008 – 2024 | North American Congress of  Clinical Toxicology Annual Meeting |
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| Ad Hoc Reviewer | |
| 2005 | Journal of Anesthesia |
| 2006 | Journal of Respiratory and Critical Care Medicine |
| 2017, 2018 X2, 2019 X3, 2021 | The American Journal of Drug and Alcohol Abuse (AJDAA) |
| 2022 | BMC Medical Education |
| 2022 | Journal Medical Toxicology |
| 2017, 2018, 2021, 2022, 2023,  2024 X 3 | Clinical Toxicology |
| 2018, 2019, 2020, 2021, 2022, 2023 | Journal of Addiction Medicine |
| 2023 | Journal of International Medical Research |
| 2023 | Toxins |
| 2023; 2024 | PLOS Global Public Health |

**Grant Support** [*Include Educational Grants*]

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| Active | *Grantor:* Texas Health and Human Services Commission |
|  | *Title of Project:* Integrated Family Planning Opioid Response Pilot Project services |
|  | *Role (Principal Investigator, Co-Investigator):* Parkland Health and Human Services is Grantee. Role: Contractor as “Key Person” as Physician Service Chief. |
|  |  |
|  | *Total amount of award (if multi-year) and dates (direct costs only):* Annual amount and date (direct costs only): 2020 – 2024; $63,960 annually |
|  |  |
| Active | *Grantor*: Center for Disease Control; Atlanta, GA. |
|  | *Title of Project*: Overdose Data to Action: Limiting Overdose Through Collaborative Actions in Localities (OD2A: LOCAL). CDC-RFA-CE-23-0003 |
|  | *Role*: DCHHS is grantee. My role is Contractor |
|  | *Total amount of award (if multi-year) and dates (direct costs only):* Sep 1, 2023 thru Aug 31, 2028. Annual Dollars for 5-year award; Year-1 - $390,900; Years 2-5 - $320,650. |
| Submitted 2025-01-22 | *Grantor*: NIDA, R01XXXXX Kasey Claborn, PhD (PI) |
|  | *Title of Project*: Implementing and Evaluating a Digital Contingency Management & Peer Support Intervention to Improve Addiction Recovery among Justice-Involved Women (WEconnect) |
|  | *Role: Co-I* |
|  | *Total amount of award (if multi-year) and dates (direct costs only):*  Five Years – 2025-2030; $3,442,199 |

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| Past | *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 |
|  | *Annual amount and date (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 |
|  |  |
| Past | *Grantor:* Health Resources and Services Administration (HRSA) of the US  Department of Health and Human Services. Grant Number – T98HP33478 |
|  | *Title of Project:* Preparing the Behavioral Health Workforce to Address the Opioid  Crisis. Opioid Workforce Expansion |
|  | *Role (Principal Investigator, Co-Investigator):*  Primary Grantee is the University of Texas at Arlington; School of Social Work. My Role: Primary Contractor |
|  | *Annual amount and date (direct costs only):*  Annual amount and date (direct costs only): 3-year award with a 1-yYear Extension  Total amount of award and dates (direct costs only): $75,000 9/1/2019 – 8/31/2023 |

**Clinical Trials Activities**

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| Past | *Grantor:* Sanofi-Synthelabo Research. EFC 2441. 2000-2001 |
|  | *Title of Project:* MATISSE-DVT 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) |
|  | *Role (Principal Investigator, Site PI, Sub investigator):* Site PI |
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| Past | *Grantor:* The Medicines Company. 2007-2010 |
|  | *Title of Project:* Studying the Treatment of Acute HyperTension (STAT) Registry |
|  | *Role (Principal Investigator, Site PI, Sub investigator):* Site PI |

**Invited Lectures**

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| Year(s) | Title | Location |
| International | | |
| 2007 | 27th 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 Ones; Hypothermia in Resuscitation – Benefits and Harm (Session Moderator) | Brussels, Belgium |
| 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 |
| 2017 | North American Congress of Clinical Toxicology Meeting. AACT/ACMT 2017 LLSA Article Review.  Session Moderator & A Review of the Questions | Vancouver, BC |
| 2022 Aug | Ramathibodi Poison Center Presentations –  Mahidol University   1. *Sodium Bicarbonate Use in Tox Events* 2. *Addiction vs Physical Dependence* | Bangkok, Thailand |
| 2024 May 12 | Weill Cornell Medicine-Qatar  WCM-Q Grand Rounds  *Alcohol Withdrawal – Controversies and More* | International Webinar |
| National (Faculty Development Ones Noted Elsewhere) | | |
| 1993 | Clinical Pathologic Case Competition. Faculty Discussant of an Unknown Case. Society of Academic Emergency Medicine Annual Meeting | San Francisco, CA |
| 1996 | Physicians for a Violence Free Society National Meeting;  Elder Abuse: Misconceptions & Other Neat Stuff | Dallas, TX |
| 1997 | American College of Emergency Physicians Scientific Assembly; Low Molecular Weight Heparin  Wet It? Dry It? Cream or Ointment | Washington, DC |
| 1997 | Physicians for a Violence Free Society National Meeting;  Elder Abuse: Misconceptions & Other Neat Stuff | Dallas, Texas |
| 1998 | American College of Emergency Physicians Scientific Assembly, Low Molecular Weight Heparin Wet It? Dry It?  Cream or Ointment | San Diego, CA |
| 1999 | Outbreak Symposium During American College of Emergency Physicians 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 | 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 | 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 | 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 | Co-Chairman, 2002 Thrombotic Diseases Scientific Assembly; University Pharmacotherapy  Associates; Prophylaxis against Venous thromboembolism 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 Venous thromboembolism in Medical Patients Panelist, Directed the mock P&T Committee on TI of a LMWH | Bal Harbor, FL |
| 2004 | American College of Emergency Physicians 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 |
| 2005 | American College of Emergency Physicians 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 |
| 2006 | Toxicology Board Review Course;  American College of Medical Toxicology;  Hematologic and GI Drug Toxicities;  Hydrocarbons and Solvents | Dallas, TX |
| 2006 | American College of Emergency Physicians 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 Basically…What About Bicarbonate? | New Orleans, LA |
| 2007 | American College of Emergency Physicians Scientific Assembly; DVT – What every emergency physician should know CharcoBicarbaNACaFab-obalamin – It’s all about the antidotes | Seattle, WA |
| 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 | 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 | Break Out Symposium at the American College of Emergency Physicians Scientific Assembly;  The Science and Medicine of Acute Pressure Syndromes – A Year 2008 Perspective for Emergency Medicine; Current ED Armamentarium for acute BP Management – Good and Bad News about Options | Chicago, IL |
| 2009 | North American Congress of Clinical Toxicology Meeting;  LLSA Medical Toxicology Article Review. A few Special Articles for You | San Antonio, TX |
| 2009 | American College of Emergency Physicians 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 of Medical Toxicology  Seminar in Forensic Toxicology – Stimulants. What’s the Buzz? Clinical Presentations of New Stimulants | Arlington, VA |
| 2011 | American College of Medical Toxicology / American Academy of Clinical Toxicology  LLSA Article Review. National Webinar. A review of Four Articles. | National Webinar |
| 2011 | North American Congress of Clinical Toxicology Meeting 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 | National Board Review Course.  Local and General Anesthetics;  Herbals and Nutritional Supplements | ACMT New Orleans, LA |
| 2013 | American College of Medical Toxicology / American Academy of Clinical Toxicology  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.  Session Moderator & A review of Three Articles. | Atlanta, GA |
| 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.  Alcohols and Glycols;  Hydrocarbons;  The Toxic House | American College of Medical Toxicology. 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 | AACT/ACMT 2015 LLSA Article Review.  Session Moderator & A Review of the Questions | North American Congress of Clinical Toxicology Meeting. 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 (PEHSU) and the CDC. Video Recording later used by the EPA and other PEHSUs in the United States.  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 |
| 2018 | ACMT Seminars in Forensic Toxicology – Opioids, Toxicology, and the Law.  *The Pregnant Patient with Substance Use Disorder – The Law and Ethics* | Dallas, TX |
| 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*   *Hydrocarbons* | National Webinar |
| 2020 Oct | American College of Emergency Physicians Annual Scientific Assembly   1. *Depressed and Overdosed* 2. *Still Dope: New on the Scene*   *Opiate Withdrawal in the ED – Treat or Street: American College of Emergency Physicians 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 |
| 2022 Mar | Annual Scientific Meeting. American College of Medical Toxicology  *Addiction vs. SUD vs. Physical Dependence – and a touch of the Mother-Infant Dyad* | National Webinar |
| 2022 Aug | American College of Medical Toxicology  Toxicology Board Preparation Review Course   1. *Alcohols* 2. *Hydrocarbons* | National Webinar |
| 2022 Nov | National Institute on Drug Abuse Intramural Research Program (IRP) Addiction Grand Rounds –  *Addiction: How I’ve Been Wrong; Let Me Count The Ways* | National Webinar |
| 2022 Dec | American College of Medical Toxicology & American Society of Addiction Medicine National Case Conference  *Bupe Induction in a Fentanyl Using Pregnant Patient* | National Webinar |
| 2023 Jul | ACMT/AACT. 2023 LLSA Article Review. National Webinar. *Session Moderator & A Review of the Questions* | National Webinar |
| 2024 June 1 | American College of Medical Toxicology  Toxicology Board Preparation Review Course   1. *Alcohols* 2. *Hydrocarbons* | National Webinar |
| 2024 July 12 | American College of Medical Toxicology  Toxicology Board Preparation Review Course  Interactive Cram Session – Presentation & Panel (1 hour) | National Webinar |
| Regional/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 American College of Emergency Physicians 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 | Clinical Pathologic Correlation (CPC) Competition Judge.  Texas State American College of Emergency Physicians Meeting | Austin, 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 American College of Emergency Physicians  Annual Meeting;  Fluid Resuscitation Fun | Galveston, Texas |
| 1995 – July | Head and Neck Injuries  Paramedic Class, Southwestern Allied Health Sciences School | Dallas, TX |
| 1995 – 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 | Head and Neck Injuries  Paramedic Class, Southwestern Allied Health Sciences School | Dallas, TX |
| 1996 – June | Head and Neck Injuries  Paramedic Class, Southwestern Allied Health Sciences School | Dallas, TX |
| 1996 – Feb | Head and Neck Injuries  Paramedic Class, Southwestern Allied Health Sciences School | Dallas, TX |
| 1996 – Aug | Abdominal Pain  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 1996 – 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 American College of Emergency Physicians  Annual Meeting;  Alcohol: Some Patients to Ponder | Fort Worth, TX |
| 1996 | North Texas Poison Center Network Lecture Series;  Alcohol Withdrawal: Controversies & Surprises | Dallas, TX |
| 1997 | University of Texas Southwestern Medical Center  Annual Updates In Emergency Medicine;  Wet It? Dry It? Cream or Ointment? | Dallas, TX |
| 1997 – Feb | Head and Neck Injuries  Paramedic Class,  Southwestern Allied Health Sciences School | Dallas, TX |
| 1997 – July | Head and Neck Injuries  Paramedic Class,  Southwestern Allied Health Sciences School | Dallas, TX |
| 1997 – Oct | 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 – Feb | Head and Neck Injuries  Paramedic Class, Southwestern Allied Health Sciences School | Dallas, TX |
| 1998 – June | Head and Neck Injuries  Paramedic Class, Southwestern Allied Health Sciences School | Dallas, TX |
| 1998 – Oct | 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 | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 1998 – Oct | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 1998 | Texas State American College of Emergency Physicians  Annual Meeting;  Low Molecular Weight Heparin | Austin, TX |
| 1998 | Family Practice Residency Program;  UT Southwestern Medical Center  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 |
| 1999 | Fort Worth Osteopathic Medical Center;  Low Molecular Weight Heparin | Fort Worth, TX |
| 1999 – Feb | Serious Complaint Triage and Differential  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 1999 – July | Serious Complaint Triage and Differential  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 1999 – Apr | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 1999 – Oct | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 1999 | Government Services American College of Emergency Physicians Annual Meeting;  Management of Acute Coronary Syndromes  Old Toxic Alcohols: New Management Protocols | San Antonio, TX |
| 1999 | Texas State American College of Emergency Physicians  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 | 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 American College of Emergency Physicians, Dermatology;  Vascular Emergencies | Dallas, TX |
| 2000 – Feb | Serious Complaint Triage and Differential  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2000 – Nov | Serious Complaint Triage and Differential  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2000 – Jan | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2000 – Mar | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2000 – June | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2000 – Aug | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2000 – Sep | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2000 – Nov | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | 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 | Serious Complaint Triage and Differential  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2001 – 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 | 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 | 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 | 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 | 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 Dry…and 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 | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2005 – May | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, 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 & 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 | 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 | Serious Complaint Triage and Differential  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2006 – Dec | Serious Complaint Triage and Differential  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2006 – Feb | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2006 – 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 | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2007 – Aug | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, 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  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 | 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 Specialist  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 | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2008 – July | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2008 – 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 | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2009 – 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 | Toxicologists and Decontamination –  A Relationship to be Enhanced  Parkland Memorial Hospital Parkland Decontamination Team | Dallas, 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  Acute DVT Management | Dallas, TX |
| 2009 | Dallas Area Physicians  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)  About Hypertensive Emergencies | Dallas, TX |
| 2010 | DEA sponsored Roundtable on K2. Southwest Association  Of Forensic Scientists. Marijuana vs. Synthetic Cannabinoids | Dallas, TX |
| 2010 | Symposium: So…what 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 | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2010 – Nov | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, 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  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2012 – Mar | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2012 – 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 | 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 Annual Meeting.  A Toxic Mix of Drugs of Abuse | Fort Worth, 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 | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2013 – May | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2013 – Aug | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2013 – 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 | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2014 – June | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2014 – Sept | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, 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 | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2015 – Mar | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2015 – Dec | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2015 | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2016 – Jan | Serious Complaint Triage and Differential  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2016 – Dec | Serious Complaint Triage and Differential  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2016 – Mar | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2016 – Apr | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2016 – July | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2016 – Oct | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2016 –June | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2016 –Aug | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | 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 | Serious Complaint Triage and Differential  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2017 – Feb | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2017 – Mar | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2017 – June | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2017 – Dec | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2017 – Jan | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2017 – Mar | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2017 | Introduction to Addiction Medicine and the Parkland Perinatal Intervention Program  Advanced Practice RNs in the MFM clinic | Dallas, TX |
| 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.  So…What 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 | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2018 – July | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2018 – Dec | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2018 – Jan | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 2018 – May | Chest Pain Differential Diagnosis  Emergency Nursing Internship, Parkland Memorial Hospital | Dallas, TX |
| 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 | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2019 – June | Ethanol Withdrawal  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2019 – 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 | Pills and Thrills That Kill Toxicology Board Review Course. Texas Tech University  Drugs of Abuse  Heavy Metals | El Paso, TX |
| 2019 – Apr | Addiction 101  Critical Care Nursing Residency, Parkland Memorial Hospital | Dallas, TX |
| 2019 – 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 | 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 – 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 | Addiction 101 and 102.  Child Protective Services of Dallas | Dallas, TX |
| 2019 – Nov | Addiction 101 and 102.  Child Protective Services of Dallas | Dallas, 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 Introduction to Addiction  and Moderator | 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 | 7th 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 – July | 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 | 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 |
| 2022 Jan | Case Review / Discussion – Dallas County Jail –  Patient with SUD and Congenital Syphilis | Webinar |
| 2022 Jan | University of Texas at Arlington School of Social Work. Masters Class on Addiction.  Substance Use Disorder – Addiction – Physical Dependence | Webinar |
| 2022 Feb | Nurse Internship Program; Parkland  Addiction Overview | Dallas, TX |
| 2022 Feb | Nurse Internship Program; Parkland  Alcohol Withdrawal | Dallas, TX |
| 2022 Feb | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Opioid Topics Pertinent to Pregnant Women | Webinar |
| 2022 Mar | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Treatment of OUD – Methadone and Bupe | Webinar |
| 2022 Mar | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Marijuana | Webinar |
| 2022 Mar | UTA School of Social Work – Addiction and Recovery Workforce Symposium –  Physical Dependence vs Addiction and More | UT Arlington |
| 2022 Apr | Texas College of Emergency Physicians Annual Meeting  Opioids – Some things to know… | Fort Worth, TX |
| 2022 May | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Drug Testing | Webinar |
| 2022 Jun 6 | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Intro to Addiction vs SUD vs Physical Dependence | Webinar |
| 2022 Jun 29 | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Marijuana | Webinar |
| 2022 Jul 7 | Opioid Drug Testing.  PIP Team at Parkland | Dallas, TX |
| 2022 Jul 18 | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Opioid Topics Pertinent to Women | Webinar |
| 2022 Jul 27 | Parkland Addiction Psychiatry and Psychology Services  Drug Testing for Addiction | Dallas, TX |
| 2022 Aug 1 | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Drug Testing | Webinar |
| 2022 Aug 1 | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Treatment of OUD – Methadone and Bupe | Webinar |
| 2022 Dec 21 | Parkland Nurse Internship Program  Addiction Overview | Dallas, TX |
| 2023 Jan 19 | Pediatric Environmental Specialty Health Unit (PEHSU) – Region 6; Grand Rounds  SUD and Pregnancy – and a Touch of NAS…  Things to Think About… | Webinar |
| 2023 Jan 23 | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Physical Dependence vs Addiction vs SUD | Webinar |
| 2023 Feb 20 | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Rx of OUD – Methadone & Bupe – The Important Details | Webinar |
| 2023 Feb 21 | Parkland ED Nurse Residency Program  Addiction Basics and More | Dallas, TX |
| 2023 Mar 20 | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Opioid Topics Pertinent to Pregnant Women | Webinar |
| 2023 Mar 27 | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Marijuana | Webinar |
| 2023 Mar 29 | Opioid Response Teams (ORT) Addiction Training.  ORTs from Various North Texas Cities  Addiction Basics and More | Dallas, TX |
| 2023 Mar 29 | Pediatrics Grand Rounds  Drug Addiction in Youth and the Fentanyl Epidemic | Childrens Medical Center; Dallas, TX |
| 2023 Apr 4 | 10th Annual Pills and Thrills that Kill  Pediatric Environmental Specialty Health Unit Region 6  Texas Tech University  All in a Day’s Work – Occupational Toxicology | Webinar |
| 2023 Apr 25 | Arkansas - Childrens Environ Health Symposium – PEHSU Region 6 - Univ Arkansas  A Case Series on Mercury Poisoning | Webinar |
| 2023 May 1 | University of Texas at Arlington School of Social Work.  Masters Class on Addiction.  Drug Testing | Webinar |
| 2023 May 19 | Parkland Nurse Residency Program  Addiction Basics and More | Dallas, TX |
| 2023 Jun 22 | Oakbend Medical Center; Grand Rounds. Richmond, TX  Addiction Basics and the Rx of Pain | Webinar |
| 2023 Nov 29 | Parkland Nurse Residency Program  Addiction Basics and More | Dallas, TX |
| 2023 Dec 7 | Ob/Gyn Residency. Baylor All Saints Medical Center  Opioid Addiction and Treatment of Pregnant Patients | Ft. Worth, TX |
| 2024 Feb 9 | Grand Rounds. Department of Ob/Gyn  Baylor All Saints Medical Center.  Opioid Addiction and Treatment of Pregnant Patients | Ft. Worth, TX |
| 2024 Feb 15 | St. Petersburg, FL Police Department.  Homeless Outreach Unit.  Addiction and the Streets | St. Petersburg, FL |
| 2024 Feb 22 | Private session with Assistant Secretary of Health of HHS; Admiral Rachel Levine and her Team  Pregnancy Addiction Care at Parkland | Parkland  (15 minutes) |
| 2024 Mar 26 | Dallas City Council – Quality of Life, Arts,  and Culture Committee.  Dallas Opioid Addictions – OD2A Grant Role (30 minutes) | Dallas City Hall |
| 2024 Apr 24 | North Texas Poison Center at Parkland – Staff Presentation  Addiction Overview | Parkland |
| 2024 July 31 | Patrick McKinney Memorial Lecture  University of New Mexico Emergency Medicine Program  Alcohol Withdrawal – Important things…Old and New… | Albuquerque, New Mexico |
| 2024 Oct 3 | North Texas SUD Capacity Forum for Adolescents  Meadows Foundation Sponsor  Current Youth Addiction Care Concepts | Meadows Foundation  Dallas, TX |
| 2024 Oct 9 | Texas Legislative Staff Tour of Parkland  Overview of the Perinatal Intervention Program | Parkland  (15 minutes) |
| 2024 Dec 6 | Parkland Internal Medicine – M&M Conference  Complicated Opioid/Benzo Withdrawal Case | Parkland  (45 minutes) |
| 2024 Dec 19 | Parkland ED Nursing  Naloxone and the Naloxone Program | Parkland  (15 min) |

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**Peer-Reviewed Publications** [*List in chronological order with complete pagination. Authors should be listed in the same order as they appear in the published article.*]

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Letters to the Editor

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Meeting Summaries or Proceedings

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Clinical Practice Guidelines

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|  | American Society of Addiction Medicine (ASAM).  Drug Testing Guideline Panel. One of 10 members establishing the national guidelines for drug testing in the addiction population.  Appropriate Use of Drug Testing in Clinical Addiction Medicine.  J Addict Med. 2017 May/Jun;11(3):163-173. PMID: 28557958. |
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|  | American College of Emergency Physicians (ACEP)  Task Force Report on Hyperactive Delirium with Severe Agitation in Emergency Settings. Member of the Review Panel. Approved by the ACEP Board of Directors on June 23, 2021. https://www.acep.org/siteassets/new-pdfs/education/acep-task-force-report-on-hyperactive-delirium-final.pdf |
|  | Current: Unified Algorithm for Snakebite Management Group in preparation of new recommendations for the evaluation and treatment of Pit Viper Snakebites.  Sponsor: American College of Medical Toxicology.  Literature Review and Twice-Per-Month meetings and use of Delphi approach to decision making. Work began January 2023. Anticipate Publication in Open Access Journal 2025. |
|  | Current: American Society of Addiction Medicine (ASAM) and American College of Medical Toxicology (ACMT). Drug Testing Guideline Panel Member.  One of 13 members updating the 2017 national guidelines for drug testing in the addiction population. Work began May 2024. Will publish document in 2026. |

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

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|  | 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/. |

Research Steering Committees / Other Academic Activities

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| 1. | “Studying the Treatment of Acute HyperTension (STAT) Registry” Steering Committee.  Study Coordinating Center; Center for Outcomes Research, University of Massachusetts Medical School. The Medicines Company. 2007-2010. |
|  | American College of Medical Toxicology. Item Writer and Item Editor; National In-Service Examination for Medical Toxicology Fellows; Fall 2009 – Spring 2010. |
| 2. | “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. |
| 3. | “ToxIC North American Snake Bite Registry” American College of Medical Toxicology sponsored via grant from BTG International Inc. 2011. Steering Committee |
| 4. | American Society of Addiction Medicine. Appropriateness of Drug Testing Education Roll Out. Began January 2017. Part of the panel creating the three education programs pertaining to the created guidelines. Completed end of 2017. |
| 5. | American Society of Addiction Medicine. Alcohol Withdrawal Guidelines: Education Roll Out. Began March 2020. Part of the panel creating six pertinent education programs pertaining to the created guidelines. |
| 6. | Medical Toxicology Recertification Examination Standard Setting Meeting with Modified Angoff Method; American Board of Emergency Medicine; New Orleans, LA; Dec 2004. |