

## **CIRRICULUM VITAE: AMY MILES**

**ADDRESS/TELEPHONE:** Wisconsin State Laboratory of Hygiene (WSLH)  
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### **CURRENT POSITION:**

**(March 9, 2014 – Present)**

**Title: Forensic Toxicology Section Director**  
**Department: Forensic Toxicology**

(August 1999 – March 8, 2014)

Title: Advanced Chemist  
Department: Forensic Toxicology

### **POSITION DESCRIPTION:**

Oversee the Forensic Toxicology Section which detects and quantitates the presence of various drugs, including alcohol in biological specimens. Specimens are screened for the detection of drugs / poisons by gas chromatography (GC), EMIT Technology, and liquid chromatography (LC). Samples are further quantitated by using a GC equipped with a mass selective detector (MSD). Ethanol and toxic volatiles are analyzed by GC. Approve instrumentation and method validations and standard operating procedures in accordance with the American Board of Forensic Toxicology (ABFT) requirements. Provide support and oversight to the QA/QC Coordinator and the quality assurance program. Provide assistance and training regarding drugs and alcohol and the effects on human performance to Chemists of the Forensic Toxicology Section, law enforcement and prosecutors, judges and other groups throughout the state and nationally. Act as the laboratory liaison to the Drug Recognition Expert (DRE) program both at the state and national levels. Appear in court, locally and nationally, to testify to analytical findings and provide expert witness testimony on alcohol and drug pharmacology and metabolism and human performance.

### **PROFESSIONAL EXPERIENCE:**

Laboratory technician, Wisconsin State Laboratory of Hygiene, Wisconsin Occupational Health Laboratory, September 1997 to August 1999; Analyze air quality specimens and develop methods using a gas chromatograph and mass spectrometry.

### **EDUCATION:**

BS Biology – Concentration: Environmental sciences, Edgewood College, Madison, WI 1997

Certificate Program in Forensic Toxicology, Center for Forensic Science Research & Education, Willow Grove, PA, May 2015

### **FACULTY APPOINTMENTS:**

Indiana University, Robert F. Borkenstein Center For Studies of Law in Action, “The Effects of Drugs on Human Performance and Behavior”, faculty, 2010 – Present

Supreme Court of Illinois Judicial Conference Committee on Education, Guest Faculty – 2011-2012; 2014

**RESEARCH:**

Synthetic Cannabinoids Human Dosing Study  
Researcher  
Missouri Safety Center, University of Central Missouri, Warrensburg, MO  
June 5-8, 2010

**COMMITTEES / MEMBERSHIPS:**

Society of Forensic Toxicologists (SOFT) – Member 2004-Present  
*-SOFT Board of Directors member – 2016 - Present*

American Academy of Forensic Sciences (AAFS) – Associate 2014-Present

Wisconsin Drug Recognition Expert (DRE) Oversight Committee 2002-Present

Wisconsin Standardized Field Sobriety Testing (SFST) Advisory Committee 2004-Present

SOFT/AAFS Drugs and Driving Committee 2006-Present  
*- Committee Chair 2013-Present*

IACP Technical Advisory Panel – Drug Evaluation Classification Program (DRE), Toxicologist Position  
2011-Present  
*-Scientific Subcommittee Chair 2015 - Present*

National Safety Council – Alcohol, Drugs and Impairment Division 2011-Present

**PEER REVIEWER:**

Journal of Analytical Toxicology  
Journal of Forensic Sciences  
Forensic Science International  
National Institute of Justice Grant Proposal Reviewer

**PUBLICATIONS:**

Cochems, A. “The Wisconsin State Laboratory of Hygiene At A Glance”, Summer 2006, Volume 1, Issue 1.

Cochems, A. “The Buzz on Ambien (Zolpidem)”, The Traffic Beat, Winter 2006-2007, Volume 2, Issue 1.

Cochems A, et al, “Dextromethorphan in Wisconsin Drivers”, Journal of Analytical Toxicology, May 2007; 31(4), pp 227-232.

Cochems, A. “The Buzz on Dextromethorphan”, The Traffic Beat, Summer 2007, Volume 2, Issue 3.

Miles, A. “‘Fake’ Pot Creates a Very Real Problem”, The Traffic Beat, Winter 2010/2011, Volume 6, Issue 1.

Miles, A. “Coming Clean About ‘Bath Salts’; a Glance at Synthetic Cathinones”, Georgia DRE Newsletter, Winter 2012.

Logan BK, Lowrie K, Turri JL, Yeakel JK, Limoges JF, Miles AK, Scarneo CE, Kerrigan S, Farrell LJ, "Recommendations for Toxicological Investigations of Drug-Impaired Driving and Motor Vehicle Fatalities", Journal of Analytical Toxicology, 2013; 37: 552-558.

### **PUBLICATIONS – ABSTRACTS:**

Cochems A, Johnson WJ, Harding PM, Liddicoat LJ; "Abstract: Dextromethorphan Concentrations in Wisconsin Drivers", Society of Forensic Toxicologists Annual Meeting, Nashville, TN, 2005.

Johnson WR, Harding PM, Cochems AK and Liddicoat LJ; "Abstract: Zolpidem Impaired Drivers in Wisconsin: A Six Year Retrospective", Society of Forensic Toxicologists Annual Meeting, Nashville, TN, 2005.

Cochems, A, Harding PM, Liddicoat, LJ: "Abstract: Inhalant Abuse and Driving Impairment", Society of Forensic Toxicologists Annual Meeting, Raleigh-Durham, NC, 2007.

Pieters, R, Miles A, Liddicoat, LJ: "Abstract: 1,1-Difluoroethane Abuse and Driving Impairment:", Society of Forensic Toxicologists Annual Meeting, Richmond, VA, 2010.

### **PROFESSIONAL TRAINING AND EXPERIENCE:**

Department of Health and Family Services: Alcohol Analysis Permit #AP-504

Training in Alcohol Testing and Pharmacokinetics, WSLH, January 2000 to Present.

#### Bureau of Transportation and Safety, WI DOT

Impaired Driving Seminar

December 7, 1999, Madison, WI

#### UW Madison Extension: Pharmacology of Drugs of Abuse

March 31, 2000, Madison, WI

#### UW Law School, Resource Center on Impaired Driving, in cooperation with the Wisconsin Bureau of Transportation Safety Annual Traffic and Impaired Driving Law Program

April 11-12, 2000, Wausau, WI

April 17-18, 2001, Appleton, WI

April 15-16, 2003, Appleton, WI

April 13-14, 2004 Appleton, WI (Presenter)

March 29-30, 2005 Appleton, WI

April 18-19, 2006 Appleton, WI

April 10-11, 2007 Appleton, WI (Presenter)

March 25-26, 2008 Appleton, WI (Presenter)

April 5-6, 2011, Appleton, WI (Presenter)

April 10-11, 2012 Appleton, WI (Presenter)

#### The Robert F. Borkenstein Course on Alcohol, Drugs and Highway Safety: Testing, Research, and Litigation

Indiana University

Bloomington IN, May 14-19, 2000.

#### Society of Forensic Toxicologists (SOFT), Annual Meeting

October 2000, Milwaukee, WI: Workshops – Marijuana, a Forensic Symposium

October 2003, Portland, OR: Workshops – Forensic Toxicology of Methadone, Principle of Sample Preparation, Developments and Pharmacology of Antiepileptic Drugs

October 2005, Nashville, TN (Presenter): Workshops – Case Studies in DUID (2 day course)

Revision date March 2017

*October 2007*, Raleigh-Durham, NC (Presenter): Workshops --Toxicology Jeopardy - A Practical Approach to DUID Testing OR "What Are the Solutions to Your Problems?", Benzodiazepines...the Basics and Beyond

*October 2009*, Oklahoma City, OK: Workshops – Toxicology of Opiate Overdose: Strategies for Analysis and Interpretation, Scientific Presentation Best Practices and Use of PowerPoint, The 10 Biggest Mistakes Made by Experts, Newer Prescription Drugs: Impairment Potential and Identified Polypharmacy.

*October 2010*, Richmond, VA: Workshops – Marijuana Pharmacology: Practical Applications for the Toxicologist (workshop chair), DRE Cases: Piecing the Puzzle Together (presenter), Quality Control Basics

*September 2011*, San Francisco, CA: Workshops – Spice: Detection in Various Biological Matrices, Solid Phase Extraction Practices and Principles in Forensic Toxicology

*July 2012*, Boston, MA: Workshops – Contemporary Issues in Drunk Driving and Driving Under the Effects of Drugs, Opioid Drugs: 21<sup>st</sup> Century Killers.

*October 2013*, Orlando, FL: Workshop -- SWGTOX Standard Practices for Method Validation in Forensic Toxicology

*October 2014*, Grand Rapids, MI: Workshop – Implementing the DUID Laboratory Recommendations (SOFT/AAFS Drugs and Driving Committee Workshop), Co-Chair, and Workshop – The DRE Program with Demonstration DRE Evaluation and Mock Court, Co-Chair.

*October 2015*, Atlanta, GA: Workshop – Benzodiazepines and DUID Investigations (SOFT/AAFS Drugs and Driving Committee Workshop), Chair

*October 2016*, Dallas, TX: Workshop – Opioids in DUID Investigations (SOFT/AAFS Drugs and Driving Committee Workshop), Chair

Department of Transportation: Intoximeter Training

Blood to Breath Study

October 17-18, 2000, Oregon, WI

National Highway Traffic Safety Association / Department of Transportation

Standardized Field Sobriety Testing Course

November 6-8, 2000, Delavan, WI

Midwest Association for Toxicology and Therapeutic Drug Monitoring (MATT)

Annual Conference

May 3-4, 2001, Beaumont Hospital, Birmingham, MI

April 29-30, 2010, Milwaukee, WI

April 14-15, 2011, Toledo, OH (Presenter)

Society of Forensic Toxicologists (SOFT)

The Chemistry of Derivatization

July 20, 2001, Madison, WI

UCLA Extension

Current Topics in Forensic Toxicology

August 23-25, 2001, Los Angeles, CA

The IACP Annual Drugs, Alcohol and Impaired Driving Seminar (DRE)

July 11-13, 2003, Baltimore, MD

June 7-10, 2004, Phoenix, AZ

June 14-16, 2006, Kansas City, MO

July 31-Aug 2, 2007 Las Vegas, NV (Presenter)

Aug 10-12, 2008, Indianapolis, IN (Presenter)

Aug 8-10, 2009, Little Rock, AR

July 22-24, 2010, Pittsburgh, PA (Presenter)

July 19-21, 2011, Montreal, QC Canada (Presenter)

Aug 16-18, 2012, Seattle, WA

July 28-30, 2014, Phoenix, AZ (Workshop presenter and State Coordinator's meeting presenter)

July 10-12, 2015, Cincinnati, OH (Workshop presenter and State Coordinator's meeting presenter)

FBI Laboratory Symposium on Forensic Toxicology

August 28-29, 2004, Washington DC

Society of Forensic Toxicologists (SOFT) / The International Association of Forensic Toxicologists (TIAFT) Joint Meeting

August 30-September 4, 2004, Washington DC

Drug Classification and Evaluation Program Audit (DRE)

September 16-17, 2004 (Pre-school)

October 6-8, 11-15, 2004, Northcentral Tech, Wausau, WI

International Association for Chemical Testing (IACT)

April 11 – 14, 2005, Madison, WI (Presenter)

DRE Re-Certification Training “The Eyes”

November 17, 2005 (Presenter), Milwaukee, WI

December 7, 2005 (Presenter), Manitowoc, WI

January 3, 2006 (Presenter), Wausau, WI

Medical Foundations of Visual System Testing

Institute of Police Technology and Management, University of North Florida

September 18 – 20, 2006, Jacksonville, FL

Annual Wisconsin Prosecutor's Seminar on OWI

November 16, 2006, Elkhart Lake, WI

October 30-31, 2008, Elkhart Lake, WI (Presenter)

Lifesavers Annual Conference

March 25-27, 2007, Chicago, IL (Presenter)

April 13-15, 2008, Portland, OR (Presenter)

March 30-April 1, 2009, Nashville, TN (Presenter)

3<sup>rd</sup> Annual Arkansas Drug Recognition Expert Conference

May 31-June 1, 2007, Little Rock, AR (Presenter)

Austin Texas OWI Conference

July 7-10, 2008, Austin, TX (Presenter)

Robert F. Borkenstein Center for Studies of Law in Action: The Effects of Drugs on Human Performance and Behavior

April 5-10, 2009, Bloomington, IN

Institute of Police Technology and Management (IPTM) Annual Symposium on Alcohol and Drug Impaired Driving Enforcement

June 9-11, 2009, St. Pete Beach, FL (Presenter)

Florida Drug Recognition Expert Re-certification Training (IPTM)

June 12, 2009, St. Pete Beach, FL (Presenter)

September 14, 2009, Jacksonville, FL (Presenter)

Prosecuting the Drug Impaired Driver

October 26-28, 2010, West Yellowstone, MT (Faculty/Presenter)

American Academy of Forensic Sciences (AAFS) Annual Conference

K2 and Beyond: A Synthetic Cannabinoid Primer (Workshop)

February 22, 2011, Chicago, IL

Wisconsin Narcotics Officers Association (WNOA) / National Association of Drug Diversion Investigators (NADDI) Annual Conference

March 3 – 4, 2011, Wisconsin Dells, WI (Presenter)

Prosecuting the Drug Impaired Driver

March 16-18, 2011, Green Bay, WI (Faculty/Presenter)

Missouri DUI Conference

June 8-10, 2011, Lake of the Ozarks, MO (Faculty/Presenter)

Prosecuting the Drug Impaired Driver

March 21-23, 2012, Madison, WI (Faculty/Presenter)

HGN and Daubert Issues

September 24, 2012, Brookfield, WI

**PRESENTATIONS / OUTREACH:**

“Careers in Science”

Speaker, Edgewood College

March 6, 2000, Madison, WI

“Toxicology for DRE Officers”

Presentation to DRE candidate officers

April 23, 2003, Northcentral Tech, Wausau, WI

“Toxicology Update”

Presentation to DRE officers

Recertification training, 2003.

“Dextromethorphan Issues”

Presentation at the UW Impaired Driving Conference

April 12-13, 2004, Appleton, WI

“Presentation of Scientific Considerations for Alcohol Workshops”

WI Department of Transportation, Standardized Field Sobriety Testing Instructor In-service

December 3, 2004, Milwaukee, WI

December 9-10, 2004, State Patrol Academy, Ft. McCoy, WI

January 18, 2004, State Patrol Academy, Ft. McCoy, WI

“Dextromethorphan Concentrations in Wisconsin Drivers”

International Association for Chemical Testing (IACT)

Monona Terrace Convention Center, Madison, WI

April 12, 2005

“Dextromethorphan Concentrations in Wisconsin Drivers”

(Abstract submission and Presentation)

Society of Forensic Toxicologists (SOFT) 35<sup>th</sup> Annual Meeting

Nashville, TN

October 19, 2005

“Current Issues and Trends in Toxicology”

DRE / SFST In-Service and Re-Certification Training

November 17, 2005, Milwaukee, WI

Revision date March 2017

December 7, 2005, Manitowoc, WI  
January 3, 2006, Wausau, WI

“Toxicology for DRE Officers”  
Presentation to DRE candidate officers  
August 30, 2006, Manitowoc Sheriff Department, Manitowoc, WI  
September 12, 2007, Manitowoc Sheriff Department, Manitowoc, WI

“The Role of the Toxicologist in Drug Impaired Driving”  
Lifesavers Annual Conference  
March 25-27, 2007, Chicago, IL

"Dextromethorphan: The Over-the-Counter High"  
UW Impaired Driving Conference  
April 10-11, 2007, Appleton, WI

“Dissociative Anesthetics: The out-of-body experience”  
3<sup>rd</sup> Annual Arkansas Drug Recognition Expert Conference  
May 31-June 1, 2007, Little Rock, AR

“Dextromethorphan Use and Abuse in DUI Investigations”  
The IACP Annual Drugs, Alcohol and Impaired Driving Seminar (DRE)  
July 31 – August 2, 2007, Las Vegas, NV

“Inhalant Abuse and Driving Impairment”  
Society of Forensic Toxicologists (SOFT) 37<sup>th</sup> Annual Meeting  
October 15-19, 2007, Raleigh-Durham, NC

WDLB Radio Show – Alcohol and drug impaired driving  
December 21, 2007, Marshfield, WI

“1+1=5? When the Toxicology Results Don’t Add Up”  
UW Impaired Driving Conference  
March 25-26, 2008, Appleton, WI

“Drug Impaired Driving: Enforcement and Prosecution”  
Joint presentation with Chuck Hayes (IACP) and JoAnne Michels (NTLC)  
April 13-15, 2008, Portland, OR

“The Effects of Alcohol on Driving Abilities”  
Prosecuting the Impaired Driver  
May 22, 2008, Moscow, ID

“Dissociative Anesthetics Use and Abuse in DUI Investigations:  
Austin DWI Conference  
July 7-10, 2008, Austin, TX

“Inhalant Abuse and Driving Impairment”  
The IACP Annual Drug Recognition Expert Conference  
August 8-13, 2008, Indianapolis, IN

“Drug Impaired Driving: Enforcement, Toxicology and Prosecution”  
34<sup>th</sup> Annual Governor’s Conference on Highway Safety  
August 21, 2008, Baraboo, WI

“It’s All Greek To Me: Interpreting the Drug Toxicology Report”

Prosecutor's Seminar  
October 31, 2008, Elkhart Lake, WI

"Inhalant Abuse: Implications in OWI Investigations"  
Minnesota Annual DRE Re-certification  
January 13, 2009, St. Paul, MN

"Salvia divinorum: The Minty Fresh High"  
Minnesota Annual DRE Re-certification  
January 13, 2009, St. Paul, MN

"Drug Impaired Driving: Enforcement and Prosecution"  
Joint presentation with Chuck Hayes (IACP) and Tara Jenswold-Schipper (TSRP WI)  
April 1, 2009, Nashville, TN

"Drug Recognition Expert Re-certification Training"  
Wisconsin DRE Re-certification  
May 6, 2009, Manitowoc, WI

"From Cheeseheads To Gators: Everything You Need To Know For A Thorough DUID Investigation"  
Institute of Police Technology and Management (IPTM) Annual Symposium on Alcohol and Drug  
Impaired Driving Enforcement  
June 9-11, 2009, St. Pete Beach, FL

"Drug Recognition Expert Re-certification Training"  
Florida Drug Recognition Expert Re-certification Training  
June 12, 2009, St. Pete Beach, FL  
September 14, 2009, Jacksonville, FL

"Tackling the Drug Impaired Driver"  
Prosecutor's Seminar  
January 28-29, 2010, Elkhart Lake, WI

"Side Effects May Include: Nausea, Dizziness and a Better Understanding of Drug Impaired Driving"  
Midwest Association of Therapeutic Drug Monitoring and Toxicology (MATT)  
April 29-30, 2010, Milwaukee, WI

"Drugs and Alcohol: Effects on Human Performance"  
Illinois Judges Seminar  
May 14, 2010, Oak Brook, IL

"Drug Recognition Expert Re-certification"  
DRE Re-cert  
May 19, 2010, Green Bay, WI, May 20, 2010, LaCrosse, WI

"A DRE, A Toxicologist And A TSRP Are In A Rowboat..."  
IACP Annual DRE Conference  
July 22-24, 2010, Pittsburgh, PA

"Current Drug Trends for DREs"  
DRE Re-cert  
August 17, 2010, Ft. McCoy, WI

"Pharmacology – Practical Applications for the Forensic Toxicologist"  
SOFT Annual Meeting (Workshop Chair)  
October 18, 2010, Richmond, VA



“DRE Cases: Piecing the Puzzle Together”  
SOFT Annual Meeting (Workshop)  
October 19, 2010, Richmond, VA

“Presenting the Toxicology Evidence”  
Idaho/Montana combined: Prosecuting the Drug Impaired Driver  
October 26, 2010  
“Synthetic Cannabinoids”  
Idaho/Montana combined: Prosecuting the Drug Impaired Driver  
October 28, 2010

“Spice! It’s Not Just For Cooking. A Look Into the Synthetic Marijuana Trend”  
WSLH Brown Bag Series  
February 4<sup>th</sup> and 23<sup>rd</sup>, 2011, Madison, WI

“Analytical and Interpretation Challenges in a Tizanidine DUID Case”  
AAFS Drugs and Driving Scientific Session  
February 25, 2011, Chicago, IL

“Side Effects May Include: Nausea, Dizziness and a Better Understanding of Drug Impaired Driving”  
WNOA/NADDI Annual Conference  
March 4, 2011, Wisconsin Dells, WI

“Drug Categorization: Signs and Symptoms Case Studies – Inhalants, Over-The-Counter Drugs and Hallucinogens”  
Prosecuting the Drugged Driver  
March 16, 2011, Green Bay, WI

“Drug Categorization: Signs and Symptoms Case Studies – THC and Prescription Drugs”  
Prosecuting the Drugged Driver  
March 17, 2011, Green Bay, WI

“The Role of the Toxicologist in a DUID Case”  
Prosecuting the Drugged Driver  
March 17, 2011, Green Bay, WI

“K2 and Spice: The Synthetic Cannabinoids”  
Prosecuting the Drugged Driver  
March 18, 2011, Green Bay, WI

“Putting the Pot Back in Potpourri”  
UW Law School Annual Impaired Driving Conference  
April 5, 2011, Appleton, WI

“A Cop, a TSRP and a Toxicologist Are In a Rowboat...”  
UW Law School Annual Impaired Driving Conference  
April 6, 2011, Appleton, WI

“Current Drug Trends”  
Midwest Association for Toxicology and Therapeutic Drug Monitoring (MATT)  
April 15, 2011, Toledo, OH

“K2 and Spice”  
Oregon, WI Police Department In-Service  
April 20, 2011, Oregon, WI

“Current Designer Drug Trends”  
Missouri DUI Conference  
June 8, 2011, Lake of the Ozarks, MO

“Putting the Pot Back in Potpourri”  
Missouri DUI Conference  
June 9, 2011, Lake of the Ozarks, MO

“WSLH Update”  
DRE Re-certification  
June 20, 2011, State Patrol Academy, Ft. McCoy, WI

“Current Trends in Designer Drugs”  
IACP Annual DRE Conference  
July 20, 2011, Montreal, QC, Canada

“Designer Drugs”  
Arkansas Annual DRE Conference  
August 18, 2011, North Little Rock, AR  
“Designer Drug Trends”  
South Carolina Traffic Safety Officer Annual Training  
August 22-24, 2011, Columbia, SC

“Impact of Designer Drugs on Drug Courts”  
Illinois Annual Drug Court Conference  
September 1, 2011, Tinely Park, IL

“Current Trends in Designer Drugs”  
Rosecrance Rehabilitation Center  
October 28, 2011, Rockford, IL

“DRE Re-cert 2011”  
LaCrosse PD, Station #2  
November 2, 2011, LaCrosse, WI

“Designer Drugs: Information for Parents”  
Hononegah High School  
November 8, 2011, Rockton, IL

“Designer Drugs: Information for Parents”  
Boylan Catholic High School  
December 7, 2011, Rockford, IL

“CNS Depressants and Driving Impairment”  
Webinar presenter: Missouri Highway Safety Office  
December 19, 2012

“Criminal Chemistry: New Drugs, New Names, and New Problems”  
Illinois Judicial Education Conference  
February 3, 2012, Chicago, IL

“Inhalants and Designer Drugs”  
Centre for Forensic Science Symposium  
February 16, 2012, Toronto, ON, Canada

“Designer Drugs”

WI Narcotics Officers Association Annual Meeting  
March 7, 2012, Wisconsin Dells, WI

“Inhalants and Driving Impairment”

Webinar presenter: Missouri Highway Safety Office  
March 20, 2012

“THC and DUID Investigations”

WI Prosecuting the Drug Impaired Driver  
March 21-23, 2012, Madison, WI

“Prescription Medications and DUID Investigations”

WI Prosecuting the Drug Impaired Driver  
March 21-23, 2012, Madison, WI

“Designer Drugs”

WI Prosecuting the Drug Impaired Driver  
March 21-23, 2012, Madison, WI

“Designer Drug Trends”

Iowa Narcotics Officers  
March 28, 2012, Johnston, IA

“Designed to Deceive: Designer Drugs and Legal Implications”

UW Law School Annual Impaired Driving Conference  
April 10, 2012, Appleton, WI

“Criminal Chemistry: New Drugs, New Names, and New Problems”

Illinois Judicial Education Conference  
April 20, 2012, Chicago, IL

“Current Designer Drug Trends”

Illinois Probation Officers Drug Impairment Training  
April 27, 2012, Springfield, IL

“Prescription Drugs and Human Performance”

Illinois Annual Judicial Drug Conference  
May 15, 2012, Lisle, IL

“Dissociative Anesthetics and Driving Impairment”

Webinar presenter: Missouri Highway Safety Office  
May 17, 2012

“Designed to Deceive: Challenges with Designer Drugs and DUI Cases”

Lifesavers Annual Conference  
June 16, 2012, Orlando, FL

“The Role of Toxicology and the Toxicologist in a DUI-Drug Prosecution”

Prosecuting the Drugged Driver  
June 21-22, 2012, Lisle, IL

“Designer Drugs and Human Performance”

Illinois State’s Attorneys Appellate Forensic Conference  
June 27, 2012, Peoria, IL

“Designs Between the Lines: Designer Drugs & Driving Impairment”  
IPTM Annual DUI Symposium  
July 10, 2012, St. Pete Beach, FL

“Annual Florida DRE Recertification”  
IPTM Annual DRE Recertification  
July 12, 2012, St. Pete Beach, FL

“Alcohol Curves and Plea Agreements”  
Annual Wisconsin Municipal Judges Training  
September 14, 2012, Green Bay, WI

“Designer Drug Trends”  
Annual Alcohol and Drug Testing Meeting for US Railroads  
September 18, 2012, Las Vegas, NV

“Synthetic Cannabinoids and Human Performance”  
Workshop Co-chair  
Midwest Association of Forensic Scientists  
September 26, 2012, Milwaukee, WI  
“WI DRE Recertification”  
Webinar for WI DREs  
October 6, 2012, Madison, WI  
October 26, 2012, Milwaukee, WI

“Current Trends in Designer Drugs”  
Idaho Annual DRE In-service  
November 6, 2012, Boise, ID

“Designer Drug Trends”  
North Carolina Annual DRE In-service  
December 3, 2012, Raleigh, NC

“Current Drug Trends”  
Advanced Roadside Impaired Driving Enforcement (ARIDE)  
December 17, 2012, Watertown, WI

“Designer Drugs and Other Drug Trends”  
Montana Narcotics Officers Association  
March 5, 2013, Bozeman, MT

“Current Drug Trends”  
Alaska DRE Conference  
March 27, 2013, Anchorage, AK

“Prosecuting the Drugged Driver”  
Kentucky Traffic Safety Conference  
April 9-10, 2013, Lexington, KY

“Current Drug Trends” and “Drug Information for Drug Court Professionals”  
Wyoming Methamphetamine and Substance Abuse Conference  
April 25 – 25, 2013, Casper, WY

“Alcohol and Drug Toxicology”  
Tennessee Vehicular Homicide Conference  
June 5-7, 2013, Gatlinburg, TN

“Current Drug Trends”  
FRIDAY Instructor Summit  
July 16<sup>th</sup>, 2013, San Antonio, TX

“WI DRE Recertification”  
July 23, 2013, Milwaukee, WI

“Alcohol Curves”  
Wisconsin Municipal Judge Traffic Seminar  
July 26, 2013, LaCrosse, WI

“Current Drug Trends”  
Kentucky Prosecutors Seminar  
August 22, 2013, Lexington, KY

\*Full listing of presentations since August 2013 available upon request.\*

### **DAUBERT DRE TESTIMONY:**

Commonwealth of Kentucky vs. Joseph Beggs  
May 11-13, 2011

### **AWARDS:**

C.A.N.D.I.D. Award for outstanding dedication to the DRE Program in Wisconsin (2005)  
AACC Outstanding Speaker Award for ACCENT credit evaluations (2010)  
AACC Outstanding Speaker Award for ACCENT credit evaluations (2011)  
University of Wisconsin Administrative Improvement Award (2015)  
Wisconsin DRE Ambassador Award (2017)