

# *Curriculum Vitae*

## **Dr. Curt E. Harper**

Chief Toxicologist  
Alabama Dept. of Forensic Sciences  
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### **Education:**

2002-2007 University of Alabama at Birmingham (Birmingham, AL)  
School of Medicine – Department of Pharmacology and Toxicology  
Doctor of Philosophy (Ph.D.) in Pharmacology and Toxicology

2001-2002 University of Alabama at Birmingham (Birmingham, AL)  
Department of Justice Sciences  
Masters of Science in Forensic Science (MSFS)

1997-2001 Brescia University (Owensboro, KY)  
Bachelors of Science (BS) [*Triple major*]  
(1) Biology (2) Chemistry (3) Computer and Mathematical Science  
Summa cum laude (GPA = 3.98)

### **Certifications:**

2013-Present Fellow of the American Board of Forensic Toxicology (F-ABFT)

2016-Current Drug Recognition Expert (DRE) Instructor

2015-Current Drug Recognition Expert (DRE)

2016-Current Advanced Roadside Driving Enforcement (ARIDE) Instructor

2016-Current Standardized Field Sobriety Test (SFST) Instructor

2008-2010, 2012-Current Alabama Peace Officer Standards and Training Certification

2007-Current Draeger Alcotest 7110 MKIII Operator Certification (Permit D00016)

### **Work Experience (>17 years as a Forensic Toxicologist):**

4/2012 – Present Alabama Department of Forensic Sciences  
Section – Toxicology (Birmingham, AL)  
Chief Toxicologist (Toxicology Discipline Chief)

5/2010 – 4/2012 Virginia Department of Forensic Science  
Section – Toxicology (Richmond, VA)  
Forensic Toxicology Supervisor

6/2009 – 5/2010 Alabama Department of Forensic Sciences  
Section – Toxicology (Mobile, AL)  
Toxicology Section Chief

6/2008 – 5/2010 Alabama Department of Forensic Sciences  
Section – Toxicology (Hoover, AL)  
Driving Under the Influence of Drugs (DUID) Coordinator

10/2007 – 6/2008 Alabama Department of Forensic Sciences  
Section - Implied Consent (Calera, AL)  
Forensic Scientist I

2002-2007 Ph.D. Candidate  
University of Alabama at Birmingham, Birmingham, AL  
Department of Pharmacology and Toxicology

Summer 2002 Student Internship

2001-2002 U.S. Department of Justice  
Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF), Atlanta, GA  
Focus: Arson and Explosives Investigation  
Teaching and Research Assistant  
University of Alabama at Birmingham, Birmingham, AL  
Department of Justice Sciences – Forensic Science  
Focus: Forensic Toxicology

1999-2001 Research and Development Technician  
Daramic Inc., Owensboro, KY  
Focus: Battery Separator Applications

**Professional Memberships/Positions:**

Society of Forensic Toxicologists (SOFT)

Member since 2009 (16 years)

Meeting attended 2010-2024 (n=15 consecutive)

SOFT/AAFS Oral Fluid Committee Chair (2022-Present)

SOFT/AAFS Oral Fluid Committee Vice Chair (2020-2021)

SOFT/AAFS Oral Fluid Committee Member (2016-Present) [*initially a subcommittee*]

Workshop Program Coordinator – SOFT 2021 (Nashville, TN)

SOFT/AAFS Drugs and Driving Committee Chair (2019-2021)

SOFT/AAFS Drugs and Driving Committee Vice Chair (2017-2018)

SOFT/AAFS Drugs and Driving Committee Member (2013-2023, 2025)

SOFT Young Forensic Toxicologist Committee Member (2013)

Annual Meeting Planning Committee (Ad hoc) – SOFT 2010 (Richmond VA)

Moderator of Scientific Sessions (various years)

Abstract Reviewer (various years)

JAT Reviewer (>12 manuscripts)

Volunteer (various years)

SOFT Mentoring Committee (inaugural year mentor, 2025)

International Association for Chemical Testing (IACT)

Member since 2007-2008, 2012-Present

IACT President (2022-2024)

IACT Vice President (2020-2022)

IACT Board of Director (2018-2020, 2024-Present)

IACT Treasurer (2014-2018)

IACT Nomination Committee (2024-Present)

IACT Policy and Procedures Committee (2023-Present)

IACT Training Committee Member (2013-Present)

National Safety Council's Alcohol, Drugs and Impairment Division

Appointed Committee Member (2020-Present)

Appointed Member-At-Large to Executive Board (2024-2025)

Membership Section (2022 – Present)

Cannabis Section (2023- Present)

Task Group(s): Cannabis and Driving

Drugs and Driving Section (2020 – Present)

Task Group(s): DUID Testing Guidelines, Stop Limit Testing Limits

Oral Fluid Committee

Task Group(s): Fact Sheet

The International Association of Forensic Toxicology (TIAFT)  
Membership 2009, 2018-Present

National Alliance to Stop Impaired Driving (NASID)  
Oral Fluid Working Group (2024-Present)

American Academy of Forensic Sciences (AAFS)  
Associate Member of Toxicology Section (2023-Present)  
Scientific Co-Chair (2025)  
SOFT/AAFS Oral Fluid Committee Chair (2022-Present)  
SOFT/AAFS Oral Fluid Committee Vice Chair (2020-2022)  
SOFT/AAFS Oral Fluid Committee Member (2016-Present) [*initially a subcommittee*]  
SOFT/AAFS Drugs and Driving Committee Chair (2019-2021)  
SOFT/AAFS Drugs and Driving Committee Vice Chair (2017-2018)  
SOFT/AAFS Drugs and Driving Committee Member (2013-2023, 2025)  
Moderator of Scientific Sessions (various years, including but not limited to, 2024)  
Abstract Reviewer (various years, including but not limited to, 2024)

Organization of Scientific Area Committees (OSAC) & Academy Standards Board (ASB)  
OSAC Toxicology Subcommittee – Full Member (2015-Present)  
Task Groups: ASB 37 (Opinions and Testimony), ASB 53 (Reporting), ASB 156 (Specimens), ASB 173 (Education & Training)  
ASB Liaison for IACT (2020 to Present)

Alabama Association of Forensic Sciences (ASAFS)  
Member since 2012  
President (2023-Present)  
Vice President (2021-2023)  
Scientific Program Chair (2019-2020)  
General Program Committee (2023-Present)  
Policy and Procedures Committee (2023 – Present)

International Association of Chief of Police (IACP) (DRE Section)  
Member since 2018  
Alabama Technical Advisory Panel (TAP) since 2020

Alabama Impaired Driving Prevention Council  
Appointed Council Member (2013-Present)

#### **Honors and Awards:**

2023	Paul E. Shoffeitt Distinguished Service Award Alabama Department of Forensic Sciences
2019	Kevin E. Quinlan Award for Excellence in Traffic Safety by Foundation of Advancing Alcohol Responsibility (Responsibility.org)
2014	Paul E. Shoffeitt Distinguished Service Award Alabama Department of Forensic Sciences
2009	Forensic Toxicology Training Program Certification - Permit #T019 Alabama Department of Forensic Sciences
2008	Alabama Peace Officers Standards and Training Commission 145 <sup>th</sup> Academic Award (Top in Class)
2003	Forensic Science Graduate Student of the Year

## Meetings Attended & Presentations:

### Society of Forensic Toxicologists (SOFT)

#### *Meetings*

- 2024 – SOFT Annual Meeting (St. Louis, MO)
- 2023 – SOFT Annual Meeting (Denver, CO)
- 2022 – SOFT Annual Meeting (Cleveland, OH)
- 2021 – SOFT Annual Meeting (Nashville, TN)
- 2020 – SOFT Annual Meeting (*Virtual – COVID-19*)
- 2019 – SOFT Annual Meeting (San Antonio, TX)
- 2018 – SOFT Annual Meeting (Minneapolis, MN)
- 2017 – SOFT Annual Meeting (Boca Raton, FL)
- 2016 – SOFT Annual Meeting (Dallas, TX)
- 2015 – SOFT Annual Meeting (Atlanta, GA)
- 2014 – SOFT Annual Meeting (Grand Rapids, MI)
- 2013 – SOFT Annual Meeting (Orlando, FL)
- 2012 – SOFT Annual Meeting (Boston, MA)
- 2011 – SOFT Annual Meeting (San Francisco, CA)
- 2010 – SOFT Annual Meeting (Richmond, VA)

#### *Presentations*

##### *Platform Presentations*

- 2023 - Fentanyl in DUID Cases - A Comparison of Three Regions:  
Alabama, Orange County, CA, and Houston, TX
- 2022 – Xanax and Driving: An Attempted Suicide Defense Case Study
- 2021 - Postmortem Oral Fluid Drug Testing in Alabama
- 2019 - Alabama's DUID Oral Fluid Drug Testing Program – One Year Review
- 2018 - Methamphetamine and Driving in Alabama: A 10-year Retrospective Study
- 2017 - Implementation of an Oral Fluid Drug Testing Program in Alabama: An Evaluation of Draeger DT5000, Alere DDS2, and Randox MultiSTAT with LC/MS/MS Confirmation
- 2013 - Alprazolam: Alabama's Most Prevalent Drug in DUI/D Cases
- 2012 - Driving Under the Influence of Drugs Involving Phenazepam in Virginia

##### *Workshop Contributions*

- 2024 – SOFT Workshop (Chair & Speaker): More Likely Than Not: Navigating Civil Cases in Forensic Toxicology
- 2024 – SOFT Workshop (Speaker): Presenting Oral Fluid Drug Testing Results in Court
- 2023 – SOFT Workshop (Speaker): Cannabis Testimony in Today's Environment
- 2022 - SOFT Workshop (Chair & Speaker) Recommended Specimens, Scope, Cutoffs, and Strategies for DUID Testing & the Impact of Stop Limit Tests
- 2022 - SOFT Workshop (Speaker) Oral Fluid Toxicology: Workplace Testing, Pain Management, and DUID
- 2019 – SOFT Workshop (Chair & Speaker): Recommended Specimens, Scope, Cutoffs, And Strategies for DUI/D Testing & the Impact of Stop Limit Tests

- 2019 – SOFT Workshop (Speaker): Oral Fluid Toxicology: Workplace Testing, Pain Management, and DUID
- 2018 – SOFT Workshop (Chair & Speaker): Weaving together the Toxicologist and the DRE
- 2015 – SOFT Workshop (Chair & Speaker): Leadership and Management
- 2014 – SOFT Workshop (Chair & Speaker): The Drug Recognition Program with Demonstration DRE Evaluation and Mock Court
- 2013 – SOFT Workshop (Speaker): Marijuana: Old Drug, New Data: Expert Testimony

*Poster Presentations*

- 2016 - Evaluation of the 20-Target DUID Biochip with the Randox Evidence Analyzer

*SOFT Continuing Education Sponsored Webinars*

- 2018 - How to Implement a Statewide Oral Fluid Drug Testing Program (DUID and Oral Fluid Workshop in New York)
- 2019 – Oral Fluid & DUID – Roadside to Courtroom (Dallas, TX)
- 2020 – Oral Fluid Webinar Part 1 (Webinar - Virtual)
- 2021 - Oral Fluid Webinar Part 2 (Webinar - Virtual)
- 2023 – Roadside and Laboratory Oral Fluid Drug Testing (Webinar – Virtual)

*SOFT Lunch and Learn Presentations*

- Agilent – 2018, 2024
- Randox – 2014, 2016, 2017, 2018, 2020, 2022, 2023

International Association for Chemical Testing (IACT)

*Meetings*

- 2024 - IACT Annual Meeting (San Diego, CA)
- 2023 – IACT Annual Meeting (Charleston, SC)
- 2022 – IACT Annual Meeting (Tucson, AZ)
- 2018 – IACT Annual Meeting (Indianapolis, IN)
- 2017 – IACT Annual Meeting (Colorado Springs, CO)
- 2016 – IACT Annual Meeting (Orlando, FL)
- 2015 – IACT Annual Meeting (Newport, RI)
- 2014 – IACT Annual Meeting (Newport Beach, CA)
- 2013 – IACT Annual Meeting (Minneapolis, MN)
- 2007 – IACT Annual Meeting (Phoenix, AZ)

*Presentations*

*Platform Presentations*

- 2024 - Visible Intoxication vs. Invisible Impairment and the Dubowski Table
- 2023 - ASB & OSAC Update
- 2023 - Becton Dickinson Blood Tube Recalls and the Impact on Blood Alcohol Analysis
- 2022 - Three Interesting DUI Case Studies: Including an NTSB I-65 Crash Investigation
- 2021 - The Prevalence of Drugs Found in Cases with BACs <-0.08% versus >0.08%
- 2017 - Establishing an Oral Fluid Testing Program in Alabama
- 2013 - Difluoroethane and Driving

*Workshop Contributions*

- 2024 IACT Workshop (Chair & Presenter) - Cocaine and Ethanol - DUID Cases (Sponsored by SOFT/AAFS Drugs and Driving Committee)

2023 IACT Workshop (Chair & Presenter) – Expert Testimony Principles and Practice  
2022 IACT Workshop (Chair & Presenter): Oral Fluid and THC Breath Testing  
(Sponsored by SOFT/AAFS Oral Fluid Committee)  
2022 IACT Workshop (Presenter): ASB Documents: Report (053) and Procedures (152)  
2019 – IACT Workshop (Chair & Presenter): Oral Fluid Drug Testing in DUID Cases  
(Sponsored by SOFT/AAFS Oral Fluid Committee)  
2018 – IACT Workshop: Opioids and Driving  
(Sponsored by SOFT/AAFS Drugs and Driving Committee)  
2017 – IACT Workshop (Chair & Presenter): Leadership and Management  
2016 – IACT Workshop (Chair & Presenter): The Drug Recognition Program with  
Demonstration DRE Evaluation and Mock Court  
2015 – IACT Workshop (Chair & Presenter): Uncertainty of Measurement  
2014 – IACT Workshop (Chair & Presenter): Low Blood Alcohol Concentrations and  
Driving Evidence for Lowering the Per se Law for Alcohol to 0.05%  
2013 – IACT Workshop (Chair & Presenter): Alcohol Pharmacology and Special Topics

### The International Association of Forensic Toxicologist (TIAFT)

#### *Meetings*

2024 – TIAFT Annual Meeting (St. Gallen, Switzerland)  
2023 – TIAFT Annual Meeting (Rome, Italy)  
2022 – TIAFT Annual Meeting (Versailles, France)  
2022 – TIAFT Virtual Annual Meeting  
2018 – TIAFT Annual Meeting (Ghent, Belgium)  
2017 – TIAFT/SOFT Joint Annual Meeting (Boca Raton, FL)  
2011 – TIAFT/SOFT Joint Annual Meeting (San Francisco, CA)

#### *Presentations*

2024 – Analyzing cannabinoids in blood and oral fluid: Implications for drug  
impaired driving (Flash Poster)  
2023 – A 12-Year Review of Fentanyl in Overdose and Driving Cases: Blood and Oral Fluid  
(Platform)  
2022 - Drugged Driving Investigation Workflow and Oral Fluid Testing Used  
Around the World: Survey Results of SOFT/AAFS Drugs and Driving and Oral Fluid  
Committees (Poster)  
2022 - Drugged Driving in the US; and Introduction to SOFT/AAFS Drugs and  
Driving Committee (*Virtual – COVID*)  
2018 - A 10 Year Retrospective Study on Zolpidem and Driving in Alabama (Flash Poster)  
2017 - Implementation of an Oral Fluid Drug Testing Program in Alabama: An Evaluation of  
Draeger DT5000, Alere DDS2, and Randox MultiSTAT with LC/MS/MS Confirmation  
(Platform – Joint TIAFT/SOFT Meeting)

### American Academy of Forensic Sciences

#### *Meetings*

2024 - AAFS Annual Meeting (Denver, CO)  
2023 – AAFS Annual Meeting (Orlando, FL)  
2022 – AAFS Annual Meeting (Seattle, WA)  
2002 – AAFS Annual Meeting (Chicago, IL)  
2001 – AAFS Annual Meeting (Atlanta, GA)

#### *Presentations*

2024 AAFS – DUID Cannabinoid Investigations: Blood, Oral Fluid, or Urine Which Is the Superior Specimen? (Platform)

2022 AAFS - Impairment: A Look at Causes, Data, and Policies: Drugs and Driving: Polydrug use and prevalence of drugs at different ethanol concentrations and the impact or stop testing limits. (Workshop Sponsored by NSC-ADID)

IACP Impaired Driving and Traffic Safety Conference (formally known as DAID or DRE conference)

*Meetings*

- 2024 - IDTS Annual Conference (Chicago, IL)
- 2024 - IDTS Annual Conference (Washington, DC)
- 2022 - IDTS Annual Conference (San Antonio, TX)
- 2021 - IDTS Annual Conference (Orlando, FL)
- 2019 – IDTS Annual Conference (Anaheim, CA)
- 2018 – IDTS Annual Conference (Nashville, TN)
- 2016 – IDTS Annual Conference (Denver, CO)
- 2013 – IDTS Annual Conference (Oklahoma City, OK)

*Presentations (Platform)*

- 2025 IACP-IDTS - Harper, CE, Lockwood, R, Thompson, P. Fentanyl and Methamphetamine.
- 2022 IACP-IDTS - Harper, CE. Current Drug Trends in Polydrug and NPS Use.
- 2021 IACP-DAID - Harper, CE and Jones. J. Edible Cannabis. Delta-8-THC and the DRE Expert.
- 2019 IACP-DAID - Harper, CE, Wagner, J. Alabama’s Oral Fluid DUID Program – 1 Year Review.
- 2018 IACP-DAID - Harper, CE., Miles, A. Opioids and Driving.
- 2018 IACP-DAID - Harper, CE., Wagner, J. Oral Fluid Testing in DUID Investigations.
- 2013 IACP-DRE - Harper, C.E. and Hughes B. Ask this, not that – Driving Under the Influence of Drugs.

**Forensic Toxicology Testimony Experience:**

Virginia: ~ 50 times

Alabama: > 265 times

Total: > 315 times

**Teaching Experience:**

- 2012-Present      Adjunct Professor  
University of Alabama at Birmingham  
Department of Criminal Justice, Forensic Science Program  
FS 567 – Forensic Toxicology [2012-present]  
FS 677 – Advanced Forensic Toxicology [2015-present]
- 2015-Present      Alcohol Course Faculty  
Robert F. Borckenstein Course on Alcohol and Highway Safety  
Topics: Forensically Defensible Blood Alcohol Analysis  
Topics: Accreditation, ASB & OSAC Updates  
Indiana University
- 2024-Present      Affiliate/Adjunct Faculty  
University of Alabama  
Institute for Rural Health Research (IRHR)
- 2020-Present      Adjunct Graduate Faculty  
Oklahoma State University  
School of Forensic Sciences

2009-2010

Guest Lecturer  
University at South Alabama  
Department of Political Science and Criminal Justice

**Publications:**

D’Orazio, AL, Mohr, A., Chan-Hosokawa, A., Harper, CE, Huestis, MA, Kerrigan S. Limoges, JF, Miles, AK, Scarneo, CE, Scott, KS, Logan, BK (2025). Recommendations for Toxicological Investigation of Drug-Impaired Driving and Motor Vehicle Fatalities – 2025 Update. *Journal of Analytical Toxicology*.

Coulter C, Gonzales J, Coulter C, Beirness D, Beecroft E, Harper CE, Wagner J, Moore C. Drug prevalence in Canadian driving population. *Traffic Inj Prev*. 2025 Jun 12:1-6.

D’Orazio AL, Mohr ALA, Chan-Hosokawa A, Harper CE, Huestis MA, Kerrigan S, Limoges JF, Miles AK, Scarneo CE, Scott KS, Logan BK. North America Laboratory Survey Data for Drug Testing in Drug Impaired Driving and Traffic Fatality Investigations. *J Anal Toxicol*. 2025 Apr 23.

Harper CE, Hudson, Tidwell, Boswell, Yong, Maxwell (2023). Implementation of the First Comprehensive State Oral Fluid Drug Testing Program for Roadside Screening and Laboratory Testing in DUID cases—A 5-Year Review. *Journal of Analytical Toxicology*

Harper, CE, Mata, DC, Lee, D (2023). The impact of fentanyl on DUIDs and traffic fatalities: Blood and oral fluid data. *Journal of Forensic Science*.

D’Orazio, AL, Mohr, A., Chan-Hosokawa, A., Harper, CE, Huestis, MA, Limoges, JF, Miles, AK, Scarneo, CE, Kerrigan, S., Liddicoat, LJ, Scott, KS, Logan, BK (2021). Recommendations for Toxicological Investigation of Drug-Impaired Driving and Motor Vehicle Fatalities – 2021 Update. *Journal of Analytical Toxicology*; 45:529-536.

LeBeau MA, Harper CE, Johnson RD, Kahl JH, Reidy L. ANSI/ASB Standards 119, 120, and 121 Set Minimum Analytical Scope and Sensitivity for Subdisciplines of Forensic Toxicology. *J Anal Toxicol*. 2021 Dec 2.

Rodda, LN, Pearring S., Harper, CE, Tiscione NB, Jones, AW (2020) Inferences and Legal Considerations Following a Blood Collection Tube Recall. *Journal of Analytical Toxicology*.

Hudson, JS, Hutchings, JW, Wagner, RL, Harper, CE, Friel, PN (2013) Benzodiazepine and Z- Drug Quantitation Using an Agilent 6430 LC/MS/MS. *Agilent Application Notes, Agilent Technologies*.

Hudson, JS, Hutchings, JW, Wagner, RL, Harper, CE, Friel, PN (2013) Validation of a Benzodiazepine and Z- Drug Method Using an Agilent 6430 LC/MS/MS. *Agilent Application Notes, Agilent Technologies*.

Hudson, JS, Hutchings, JW, Wagner, RL, Harper, CE, Friel, PN (2013) Cannabinoid Quantitation Using an Agilent 6430 LC/MS/MS. *Agilent Application Notes, Agilent Technologies*

Hudson, JS, Hutchings, JW, Wagner, RL, Harper, CE, Friel, PN (2013) Validation of a Cannabinoid Quantitation Method Using an Agilent 6430 LC/MS/MS. *Agilent Application Notes, Agilent Technologies*.

Kidwell D.A., Kidwell J.D., Shinohara F, Harper C.E., Roarty K., Bernadt K., McCaulley R.A., Smith F.P. Comparison of daily urine, sweat, and skin swabs among cocaine users. *Forensic Science International*. 2003. 133: 63-78.

Harper, C.E., Patel, B.B., Wang, J., Eltoum, I.A., and Lamartiniere, C.A. Genistein and Resveratrol, Alone and in Combination, Suppress Prostate Cancer in SV-40 Tag Rats. *The Prostate*. 2009.

Harper, C.E., Patel, B.B., Wang, J., Eltoum, I.A., and Lamartiniere, C.A. Characterization of adenocarcinoma in SV-40 Tag transgenic rats as a model to study prostate cancer. *BMC Cancer*. 2009. Jan 26;9:30.

Harper, C.E., Patel, B.B., Wang, J., Eltoum, I.A., and Lamartiniere, C.A. EGCG suppresses high-grade prostatic intraepithelial neoplasia, but not late-stage prostate cancer, in TRAMP mice: Mechanisms of action. *The Prostate*. 2007. 67(14):1576-1589.

Harper, C.E., Patel, B.B., Wang, J., Eltoum, I.A., and Lamartiniere, C.A. Resveratrol suppresses prostate cancer progression in transgenic mice. *Carcinogenesis*. 2007. 9:1946-53.

### **Thesis Students:**

Lawen, C., Gardner, E., Reedy, E., and Harper, C.E. Fentanyl Overdoses and Use of Randox Multistat for Investigative Purposes. UAB Thesis. 2024

Paseur, Cody, Gardner, E., and Harper, C. Analyzing Cannabinoid Stability Under Different Conditions and Validating Novel Cannabinoids for Oral Fluid Analysis. UAB Thesis. 2023.

Maxwell, AJ, Gardner, E., and Harper, C. Evaluating Cannabinoid Interference and Drug Stability in Oral Fluid For DUI/D Testing. UAB Thesis. 2022.

Kim, M., Gardner, E., and Harper, C. A Lean Six Sigma Evaluation and Cost Analysis of Alabama's Oral Fluid Roadside Screening and Confirmation Testing Program. UAB Thesis. 2021.

Guertin, S., Gardner, E., and Harper, C. The Benefits of Automation in Forensic Toxicology: A Lean Six Sigma and Cost-Analysis Approach. UAB Thesis. 2020.

Buggs, C., Gardner, E., Linville, J., and Harper, C. Prevalence of Drugs in Blood Alcohol Concentrations Above Versus Below 0.08% in Alabama Driving Under the Influence Cases. UAB Thesis. 2019.

Ritchey, P., Gardner, E., Linville, J., and Harper, C. A Study of Drug Facilitated Sexual Assault Cases in Alabama: 2004-2014. UAB Thesis. 2015.

### **Other Trainings & Meetings Attended:**

2020	Transportation Research Board. Using Oral fluid for Drug Testing (Virtual Meeting).
2016	Green Lab, Dosing and Observation – Understanding Legal Marijuana – DRE Track (Denver, CO)
2011	Midwest Forensic Resource Center – Postmortem Toxicology Course (Ames, IA)
2011	ASCLD/LAB- <i>International</i> Measurement Confidence Level 100 Traceability, Measurement Assurance and Measurement Uncertainty Web-Based Training Course
2010	Introduction to LC/MS/MS for Forensic Toxicology (Cedar Crest College)
2009	Blood Alcohol Concentration-Tracker Certification and Training (Atlanta, GA)
2009	Toxicology Analysis for Drugs in Blood Using LC/MS/MS Georgia Bureau of Investigation – Division of Forensic Sciences (Atlanta, GA)
2009	37 <sup>th</sup> Annual FBI Crime Laboratory Development Symposium (Madison, WI)
2009	Robert F. Borckenstein Course on the Effects of Drugs on Human Performance and Behavior (Bloomington, IN)
2007	Robert F. Borckenstein Course on Alcohol and Highway Safety:

### Other Platform Presentations and Workshops Given

- 2023 *Abbott - Fentanyl: The Crisis Continues A Decade Later (Virtual)*
- 2023 *IACME Annual Meeting [Las Vegas, NV] Harper, CE & Lawen, C. Use of Randox Evidence Plus and MultiSTAT in Postmortem Applications. Platform Presentation*
- 2023 *Current Trends in Forensic Toxicology (Webinar) Harper, CE. Oral Fluid from laboratory testing services to testimony. Virtual Presentation.*
- 2020 *Transportation Research Board. Harper, CE. Using Oral fluid for Drug Testing. Development of Alabama's OF Program – How Devices were Selected and Evaluated.*
- 2019 *NGA Impaired Driving Convening [Columbus, OH]. Harper, CE. Roadside Testing: Current Practices, Challenges for Policymakers, and Innovations.*
- 2019 *Transportation Research Board Meeting [Washington, DC]. Harper, CE. Oral Fluid Testing in Drivers.*
- 2018 *Randox Toxicology Scientific Session [Scotland]. Harper, CE. Ambien & Driving: DUID Testing with the Randox Evidence Analyzer. Platform Presentation.*
- 2018 *Symposium on Traffic Safety by Institute of Police Technology and Management [Orlando, FL]. Harper, CE. Establishing an Oral Fluid Testing Program in Alabama.*
- 2017 *AAA Impaired Driving Summit (Montgomery, AL). Harper CE. ADFS Toxicology, DUI Statistics, and the Opioid Epidemic. Platform Presentation.*
- 2017 *Agilent-sponsored RTI Lecture. Harper, CE, Hudson, J., Shonsey, E. Non-Pharmaceutical Fentanyls: Pharmacology and Trends. Webinar.*
- 2017 *Randox Toxicology Scientific Session [Scotland]. Harper, CE. Detection of Drugs of Abuse Using the Randox Evidence Analyzer and MultiStat in Blood, Urine, and Oral Fluid. Platform Presentation.*
- 2017 *Fall Municipal Law Conference (Orange Beach, AL). Harper CE. The Impact of Marijuana Legalization and an Update on the Opioid Epidemic. Platform Presentation.*
- 2016 *Fall Municipal Law Conference (Orange Beach, AL). Harper CE and Hughes B. Confronting the Confrontation Clause: Who is a Necessary Witness for a Toxicology Report? Platform Presentation.*
- 2016 *Randox Toxicology Scientific Session [Scotland]. Evaluation of the 20 target ULTRA/DUID Biochip with Randox Evidence Analyzer in Blood, Urine, and Oral Fluid. Platform Presentation.*
- 2015 *Randox Toxicology Scientific Session [Scotland]. Alabama Increase in Heroin and Fentanyl Overdoses Screened using Randox Toxicology Custom Biochip. Platform Presentation.*
- 2015 *National Traffic Safety Resource Prosecutor Webinar Series. Harper, C.E. and Hughes, B. The Myth of the DUI Defense: Rising BAC. Webinar.*
- 2014 *Randox Toxicology Scientific Session [Scotland]. Validation & Implementation of the Evidence Biochip Array Technology for Drugs of Abuse Testing in a Public Forensic Laboratory. Platform Presentation.*
- 2013 *Practical Criminal Defense Law [Tuscaloosa, AL]. Harper, C.E. Driving Under the Influence of Drugs. Platform Presentation.*
- 2012 *NHTSA Region IV - Prosecuting the Drugged Driver (Current National Issues and Strategies) [St. Simons, GA]. Harper, C.E. The Toxicology of Drug-Impaired Driving: An Overview. Platform Presentation.*
- 2012 *Alabama District Attorneys Association Summer Conference [Orange Beach, AL]. Harper, C.E., Sanders, J., Hughes, B. Ask This, Not That – Forensic Toxicology. Platform Presentation.*
- 2010 *AAMA/AMJA Spring Municipal Law Conference. Harper, C.E. Toxicology at Your Service – DUID Cases. Platform Presentation.*

2008

*Cumberland Law School DUI Conference. Harper, C.E., Pevey, M.A., and Carpenter, D.A. Saliva Drug Testing Using the Draeger Drug Check 5000. Platform Presentation.*

2008

*Hoover Municipal Judge's and Prosecutor's Conference. Harper, C.E., Pevey, M.A., and Carpenter, D.A. Saliva Drug Testing Using the Draeger Drug Check 5000. Platform Presentation.*