



<b>NAME:</b>	Dayong Lee	<b>DATE:</b>	1/18/2023
<b>LABORATORY:</b>	Houston Forensic Science Center		
<b>JOB TITLE:</b>	Manager – Toxicology/Chief Toxicologist		

Indicate all disciplines in which you do casework:

<input type="checkbox"/>	Seized Drugs	<input type="checkbox"/>	Forensic Biology/DNA
<input type="checkbox"/>	Crime Scene	<input type="checkbox"/>	Latent Prints
<input type="checkbox"/>	Digital Forensics	<input checked="" type="checkbox"/>	Toxicology
<input type="checkbox"/>	Firearms	<input type="checkbox"/>	Forensic Audio/Video

List all categories or sub-disciplines in which you do casework:

Human performance toxicology
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Texas Forensic Science Commission (TFSC) Licensing

Per TFSC section 651.203, starting January 1, 2019, the following disciplines are subject to licensing: Seized Drugs, Toxicology, Forensic Biology & Firearms/Toolmarks. If applicable, select the type of license issued by TFSC (Select N/A if not applicable):

<b>Type of License:</b>	Toxicologist (Interpretative)
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Certifications:

Organization	Discipline	Type/Level (N/A if not applicable)
American Board of Forensic Toxicology	Toxicology	Fellow (#1423)
National Registry of Certified Chemists	Toxicology	Toxicological Chemist (#3983)

Education:

List all higher education institutions attended (list high school if no college degree has been attained)

Institution	Dates Attended	Major	Type of Degree Earned
University of Maryland	2009-2013	Toxicology	Doctor of Philosophy
University of Illinois	2008-2009	Forensic Science	Master Degree
University of Florida	2003-2007	Microbiology and Cell Science	Bachelor of Science



**Other Training:**

List continuing education, workshops, in service, and other formal training received. Please include the course title, source, and dates of training.

The Society of Forensic Toxicologists 2022 Annual Meeting, Cleveland, OH, 10/30/2022-11/04/2022.  
Workshops: Work Smarter, Not Harder – Process Improvements and Automation; Driving Under the Influence – NPS Benzodiazepines

The International Association of Forensic Toxicologists 2022 Annual Meeting, Versailles, France, 09/05/2022-09/08/2022.

The American Academy of Forensic Sciences 2022 Annual Meeting, Seattle, WA, 02/21/2022-02/25/2022.  
Workshops: Impairment – A Look at Causes, Data, and Policies; Neurobiology and Toxicology of Aggression

The International Association of Forensic Toxicologists Virtual 2022 Annual Meeting, Online, 02/01/2022-02/03/2022.

The Society of Forensic Toxicologists 2021 Annual Meeting, Nashville, TN, 09/26/2021-10/1/2021.  
Workshops: Funding Toxicology – Grants, Partnerships and perseverance; The Time to Decline Wine...Guidelines for Performing Alcohol Calculations in Forensic Toxicology

The American Academy of Forensic Sciences 2021 Annual Meeting, Online, 02/15/2021-02/19/2021.  
Workshops: the Impact of the COVID-19 Pandemic on Forensic Sciences With a Focus on Opioids and Emerging Drugs; Utilizing Best Practice in Forensic Education and Remote Learning.

The SOFTember 2020 Virtual Meeting of the Society of Forensic Toxicologists, Online, 09/09/2020-09/30/2020.  
Workshop: Cannabis Impaired Driving – Where are we in 2020?

The American Academy of Forensic Sciences 2020 Annual Meeting, Anaheim, CA, 02/16/2020-02/20/2020.  
Breakfast seminar: The Science Behind Traffic Accident Reconstruction with Real-World Crashes.

First Aid, CPR, AED Program, American Heart Association Heartsaver®, 01/30/2020.

ANAB ISO/IEC 17025:2017 and AR 3125 Assessor Training (Online), ANAB, 12/17/2019.

The 2019 American College of Medical Toxicology (ACMT) Seminar in Forensic Toxicology - Criminal Poisoning & Drug-Facilitated Sexual Assault: Forensic, Legal, and Medical Aspects. Washington D.C., 12/09/19-12/10/19.

The Society of Forensic Toxicologists 2019 Annual Meeting, San Antonio, TX, 10/13/19-10/18/19.  
Workshops: Forensic Toxicology and Public Health Labs Working Together; ANAB IS 17025:2017 & ABFT Accreditation; Recommended Specimens, Scope, Cutoffs, and Strategies for DUI/D Testing & the Impact of Stop Limit Tests; Application of QTOF Techniques.

Testimony Training Workshop, Houston Forensic Science Center, Houston, TX, 05/16/2019.

The American Academy of Forensic Sciences 2019 Annual Meeting, Baltimore, MD, 02/20/2019-02/22/2019.

Forensic Pharmacology (Online), The Center for Forensic Science Research & Education, 11/05/2018-11/07/2018.

The Society of Forensic Toxicologists 2018 Annual Meeting, Minneapolis, MN, 10/08/2018-10/12/2018.  
Workshops: Defending Your Testing Services; Incorporating the Updated NSC ADID Lab Guidelines into Casework.

ANAB Root Cause Analysis for Forensic Service Providers Training Course, 05/29/2018.



ANAB Measurement Traceability – Assessor, Online, 03/06/2018.  
The American Academy of Forensic Sciences 2018 Annual Meeting, Seattle, WA, 02/21/2018-02/22/2018.  
ANAB Forensic Auditing Principles and Delta to AR 3028 – Assessor, Online, 02/15/2018.  
The 2017 Joint Meeting of the Society of Forensic Toxicologists and the International Association of Forensic Toxicologists, Boca Raton, FL, 01/07/2018-01/11/2018.  
ANAB Forensic ISO/IEC 17025 Assessor Training (Testing) Course, Hillsboro, OR, 10/16/2017-10/20/2017.  
The American Society of Crime Laboratory Directors (ASCLD) Leadership Academy, Dallas, TX, 04/30/2017-05/01/2017.  
The American Academy of Forensic Sciences 2017 Annual Meeting, New Orleans, LA, 02/14/2017 – 02/17/2017.  
The Robert F. Borkenstein Course on Alcohol and Highway Safety, Bloomington, IN, 12/04/2016-12/09/2016.  
The Society of Forensic Toxicologists 2016 Annual Meeting, Dallas, TX, 10/17/2016 – 10/21/2016.  
Workshop: Applied Statistics for the Forensic Scientist: Does the Data Say What It Means and Mean What It Says?  
The 5 Languages of Appreciation in the Workplace, Houston Forensic Science Center, Houston, TX, 10/10/2016.  
Qualtrax Training, Houston Forensic Science Center, Houston, TX, 09/01/2016.  
Introduction to Root Cause Analysis, Houston Forensic Science Center, Houston, TX, 06/13/2016.  
Hamilton Microlab 600 Training, Hamilton Company, 04/26/2016.  
Uncertainty of Measurement, Houston Forensic Science Center, Houston, TX, 04/07/2016.  
Leadership Training – Goal Setting for Performance Review/Assessing Employee Performance and Communicating Results, Houston Forensic Science Center, Houston, TX, 03/29/2016; 04/05/2016.  
The American Academy of Forensic Sciences 2016 Annual Meeting, Las Vegas, NV, 02/23/2016 – 02/26/2016.  
Testimony Training, Houston Forensic Science Center, Houston, TX, 12/02/2015-12/04/2015.  
Society of Forensic Toxicologists 2015 Annual Meeting, Atlanta, GA, 10/19/2015 – 10/23/2015.  
Workshops: Pharmacology and Toxicology of Synthetic Cathinones and Phenethylamines; Management Practices in Forensic Toxicology – A Panel Discussion; Managing a Forensic Toxicology Laboratory – A New Mindset and Approach  
Symposium on Forensic Science & the Law: When the Gavel Falls...The Limitations of Scientific Testimony, Houston Forensic Science Center, Houston, TX, 09/17/2015.  
Cognitive Factors in Forensic Decision Making, Houston Forensic Science Center, Houston, TX, 06/30/2015-07/01/2015.  
Searching for Forensic Information, Houston Forensic Science Center, Houston, TX, 06/18/2015.  
Postmortem Interpretive Toxicology Course, The Center for Forensic Science Research Education, Philadelphia, PA, 01/26/2015-01/30/2015.  
The American Academy of Forensic Sciences 2015 Annual Meeting, Orlando, FL, 02/16/2015-02/21/2015.  
World Forensic Festival – International Association of Forensic Sciences, Seoul, S. Korea, 10/13/2014-10/17/2014.  
The Association for Mass Spectrometry: Application to the Clinical Lab Annual Meeting, San Diego, CA, 03/01/2014-03/05/2014.



The American Academy of Forensic Sciences 2013 Annual Meeting, Washington, DC, 02/18/2013-02/23/2013.  
 The Society of Forensic Toxicologists 2012 Annual Meeting, Boston, MA, 07/01/2012-07/06/2012.  
 Eastern Analytical Symposium, Somerset, NJ, 11/12/2012-11/15/2012.  
 The 2011 Joint Meeting of Society of Forensic Toxicologists and the International Association of Forensic Toxicologists, San Francisco, CA, 09/25/2011 – 09/30/2011.  
 The American Academy of Forensic Sciences 2011 Annual Meeting, Chicago, IL, 02/21/2011 – 02/26/2011.  
 The Society of Forensic Toxicologists 2010 Annual Meeting, Richmond, VA, 10/17/2010 – 10/22/2010.

**Courtroom Experience:**

List the disciplines/sub-disciplines in which you have testified as an expert witness and indicate over what time period and approximately how many times you have testified in each.

Discipline or Sub-Discipline	Time Period	Times Testified
Toxicology	01/26/2017- 12/19/2022	8

**Professional Affiliations:**

List any professional organizations of which you are or have been a member. Indicate any office(s) or positions held and the dates of these activities.

Organization	Member Status & Position(s) Held	Dates of Membership
The Society of Forensic Toxicologists	Full Member	2015 – Present
	Student Member	2011 – 2015
The American Academy of Forensic Sciences	Fellow	2020 – Present
	Full Member	2016 – 2020
	Associate Member	2013 – 2016
	Student Affiliate	2009 – 2013
The International Association of Forensic Toxicologists	Full Member	03/2017 – Present
The American Society of Crime Laboratory Directors	Member	06/2018 – Present

**Employment History:**

List all scientific or technical positions held, particularly those related to forensic science. List current position first. Be sure to indicate employer and give a brief summary of duties. Please list your dates of employment by month and year.

<b>Job Title:</b>	Manager - Toxicology	<b>Dates of Employment:</b>	06/2015-Present
<b>Employer:</b>	Houston Forensic Science Center		

**Provide a brief description of duties below:**

Oversee the Toxicology Section in its daily operations, which include reviewing case files, providing technical and administrative guidance, evaluating the staff performance, performing case management, and assessing the section’s operating budget; establish standard operating procedures; train the toxicology staff members; and provide expert opinions as a forensic toxicologist.



<b>Job Title:</b>	Postdoctoral Associate	<b>Dates of Employment:</b>	09/2013-05/2015
<b>Employer:</b>	University of Florida, Department of Pathology, Immunology and Laboratory Medicine, Forensic/Clinical Toxicology		
<b>Provide a brief description of duties below:</b>			
Supervised the Clinical Toxicology Laboratory, reviewing and certifying drug test results, overseeing the purchase of analytical supplies, and establishing standard operating procedures; assisted the management in maintaining the laboratory's accreditation; aided in technical and administrative operation of the laboratory; trained in operation of the Forensic Toxicology Laboratory; prepared the Institutional Review Board applications for clinical and forensic research projects; developed and validated analytical assays for endogenous substances and drugs of abuse in human biological specimens including urine and blood.			

<b>Job Title:</b>	Intramural Research Program Fellow	<b>Dates of Employment:</b>	09/2010-08/2013
<b>Employer:</b>	National Institute on Drug Abuse, Clinical Pharmacology and Therapeutics Branch, Chemistry and Drug Metabolism Section		
<b>Provide a brief description of duties below:</b>			
Implemented protocol procedures and executed controlled drug administration clinical studies to evaluate the effects of drugs of abuse; analyzed and interpreted pharmacological data; developed, validated, and operated analytical methods for drugs of abuse in biological specimens; prepared the Institutional Review Board applications for clinical and forensic research projects; presented the study findings at the professional conferences and published in peer-reviewed journals; prepared reports on the clinical and forensic implications of the research findings for other agencies.			

<b>Job Title:</b>	Intern	<b>Dates of Employment:</b>	01/2010-05/2010
<b>Employer:</b>	State of Maryland Office of Chief Medical Examiner, Toxicology Section		
<b>Provide a brief description of duties below:</b>			
Evaluated scientific literature and current laboratory policy to identify the laboratory's analytical needs; developed and validated a quantitative method for hydromorphone in postmortem blood specimens.			

<b>Job Title:</b>	Intern	<b>Dates of Employment:</b>	01/2009-08/2009
<b>Employer:</b>	Illinois State Police Forensic Science Center of Chicago, Drug Chemistry Section		
<b>Provide a brief description of duties below:</b>			
Evaluated the current laboratory policy and the State drug regulations to identify the laboratory's analytical needs; developed qualitative methods for identifying <i>Salvia divinorum</i> in plant products.			

**Other Qualifications:**

List below any scientific papers authored or co-authored and/or scientific presentations given, research in which you have been involved, academic or teaching positions you have held, and any other information you consider relevant to your qualification as a forensic scientist.

Teaching Experience Instructor, Internal Training "Introduction to Liquid Chromatography-Mass Spectrometry with Applications to Forensic Chemistry," Houston Forensic Science Center, TX, 12/12-13, 17/19.
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Instructor, Workshop "Forensic Toxicology Testimony: How to Effectively Communicate our Science to the Courts," the Society of Forensic Toxicologists, Texas Southern University, Houston, TX, 05/23/16  
Toxicology Trainer, North Carolina State Crime Laboratory, Raleigh, NC, 03/16/15-03/20/15

#### Professional Activities

Journal of Analytical Toxicology, Associate Editor, 2017 – Present  
Assistant Editor – Research, 2016 – 2017  
ANAB Technical Assessor, 03/12/2018 – 03/15/2018; 03/09/2020 – 03/11/2020; 01/24/2021 – 01/28/2021  
Director, the American Board of Forensic Toxicology, 2021 – Present  
Drugs and Driving Committee, the Society of Forensic Toxicologists/the American Academy of Forensic Sciences, Toxicology Section, Chair [2022 – Present]; Vice-Chair [2019 – 2021]; Member [2016 – Present]  
Director, the Society of Forensic Toxicologists [2023 – Present]  
Scientific Co-Chair, the Society of Forensic Toxicologists 2019 Annual Meeting, 10/2019  
Awards Committee member, the Society of Forensic Toxicologists, 2021 – Present  
History Committee member, the Society of Forensic Toxicologists, 2019 – 2020  
Membership Committee member, the Society of Forensic Toxicologists, 2016 – 2018  
Award Committee member, the International Association of Forensic Toxicologists, 2018 – 2021  
Toxicology Section Program Co-Chair, the American Academy of Forensic Sciences, 2022 – 2023

#### Technical Skills

Instrumentation: Thermo Q Exactive™ Orbitrap/Dionex LC-MS/MS system, AB Sciex 3200 Q-Trap® LC-MS/MS system, Bruker Advance™ UHPLC-EVOQ MS/MS system, Waters Acquity UPLC®-MS/MS system, Agilent 6890 and 7890 GC-ECD/FID (including two-dimensional GC), Agilent 5973 and 5975 MSD, Thermo Nicolet IR300 Fourier transform infrared spectrometer, Leica UFM4 comparison microscope

Software: Thermo Xcalibur 2.2, Applied Biosystems Analyst 1.5, Bruker Chemical Analysis MS Workstation 8.1, Waters Masslynx/Targetlynx, Agilent ChemStation (GC-MS), Agilent Enhanced Data Analysis, IBM SPSS Statistics for Windows, Thomson EndNote, ChambridgeSoftChemDraw, Adobe Illustrator CS, Microsoft Office 2007, 2010, and 2013

#### Awards

Special Issue Editor Award, Journal of Analytical Toxicology, 01/2018  
Irving Sunshine Award, the American Academy of Forensic Sciences, 02/2017  
Excellence in SPE, United Chemical Technologies, Inc., 10/2015  
Young Scientist Award, World Forensic Festival – International Association of Forensic Sciences, 10/2014  
Young Investigator Travel Award, the Association for Mass Spectrometry: Applications to the Clinical Lab, 03/2014  
Outstanding Graduate Research, National Institutes of Health, 01/2014  
June K. Jones Award, the American Academy of Forensic Sciences, 02/2013  
Education Research Award, the Society of Forensic Toxicologists, 09/2011



Publications

1. Lee D, Stout P, Egdorf D. Houston Cocktail: Driving under influence of hydrocodone, alprazolam, and carisoprodol. *Forensic Sci Int* 2021;323:110819.
2. Lee D. Oral fluid testing. *Principles of Forensic Toxicology*, 5th Edition. Levine BS and Kerrigan S, eds. Springer, 2020.
3. Lee D, Stout P. Toxicological and demographic profiles of phencyclidine-impaired driving cases in Houston. *J Anal Toxicol* 2020;44:449-503.
4. Lee D. Oral fluid drug testing in pain management practice: Factors to consider before choosing the alternative biological matrix. *J Appl Lab Med* 2017; DOI 10.1373/jalm.2017.023457.
5. Lee D, Chronister CW, Broussard WA, Utey-Bobak SR, Schultz DL, Vega RS, Goldberger BA. Illicit fentanyl-related fatalities in Florida: toxicological findings. *J Anal Toxicol* 2016;40:588-94.
6. Lee D, Delcher C, Maldonado-Molina MM, Thogmartin JR, Goldberger BA. Manners of death in drug-related fatalities in Florida. *J Forensic Sci* 2016;61:735-42.
7. Lee D, Bergamaschi MM, Milman G, Barnes AJ, Queiroz RHC, Vandrey R, Huestis MA. Plasma cannabinoid pharmacokinetics after controlled smoking and ad-libitum cannabis smoking in chronic frequent users. *J Anal Toxicol* 2015;39:580-7.
8. Lee D, Chronister CW, Hoyer J, Goldberger BA. Ethylone-related deaths: Toxicological findings. *J Anal Toxicol* 2015;39:567-71.
9. Lee D, Bazydlo LAL, Reisfield GM, Goldberger BA. Urine spiking in a pain medicine clinic: an attempt to simulate adherence. *Pain Med* 2015;16:1449-51.
10. Lee D, Vandrey R, Mendu DR, Murray JA, Barnes AJ, Huestis MA. Oral fluid cannabinoids in chronic frequent cannabis smokers during ad libitum cannabis smoking. *Drug Test Anal* 2015;7:494-501.
11. Lee D, Garrett TJ, Goldberger BA, Bazydlo LA. Quantitation of 25-hydroxyvitamin D2 and D3 in serum and plasma by LC-MS/MS. *Bioanalysis* 2015;7:167-78.
12. Lee D, Delcher C, Maldonado-Molina MM, Bazydlo LAL, Thogmartin JR, Goldberger BA. Trends in licit and illicit drug-related deaths in Florida from 2001 to 2012. *Forensic Sci Int* 2014;245C:178-86.
13. Lee D, Schroeder JR, Karschner EL, Goodwin RS, Hirvonen J, Gorelick DA, Huestis MA. Cannabis withdrawal in chronic, frequent cannabis smokers during sustained abstinence within a closed residential environment. *Am J Addict* 2014;23:234-42.
14. Lee D, Huestis MA. Current knowledge on cannabinoids in oral fluid. *Drug Test Anal* 2014;6:88-111.
15. Lee D, Vandrey R, Mendu DR, Anizan S, Milman G, Murray JA, Barnes AJ, Huestis MA. Oral fluid cannabinoids in chronic cannabis smokers during oral  $\Delta$ 9-tetrahydrocannabinol therapy and smoked cannabis challenge. *Clin Chem* 2013;59:1770-9.
16. Lee D, Vandrey R, Milman G, Bergamaschi M, Mendu DR, Murray JA, Barnes AJ, Huestis MA. Oral fluid/plasma cannabinoid ratios following controlled oral THC and smoked cannabis administration. *Anal Bioanal Chem* 2013;405:7269-79.
17. Lee D, Karschner EL, Milman G, Barnes AJ, Goodwin RS, Huestis MA. Can oral fluid cannabinoid testing monitor medication compliance and/or cannabis smoking during oral THC and oromucosal Sativex administration? *Drug Alcohol Depend* 2013;130:68-76.



18. Lee D, Milman G, Schwope DM, Barnes AJ, Gorelick DA, Huestis MA. Cannabinoid stability in authentic oral fluid after controlled cannabis smoking. *Clin Chem* 2012;58:1101-9.
19. Lee D, Schwope DM, Milman G, Barnes AJ, Gorelick DA, Huestis MA. Cannabinoid disposition in oral fluid after controlled smoked cannabis. *Clin Chem* 2012;58:748-56.
20. Lee D, Milman G, Barnes AJ, Goodwin RS, Hirvonen J, Huestis MA. Oral fluid cannabinoids in chronic, daily cannabis smokers during sustained, monitored abstinence. *Clin Chem* 2011;57:1127-36.
21. Dempsey SK, Rodgers CL, Stout P, Lee D. Evaluation of suspected drug-facilitated sexual assault cases in the city of Houston from 2014 to 2020. *J Forensic Sci* 2022;67:2394-2400.
22. Dempsey SK, Gray TR, Kelly AT, Stout P, Lee D. A comparison of high drug concentrations in impaired driving and postmortem casework in Harris County, TX. *J Anal Toxicol* 2022;46:817-824.
23. Rodgers C, Lloyd M, Stout P, Lee D. Everything is bigger in Texas: alcohol impaired driving in Houston (2014-2018). *J Anal Toxicol*. 2021;45:679-85.
24. Moral J, Hundl C, Lee D, Neuman M, Grimaldi A, Cuellar M, Stout P. Implementation of a Blind Quality Control Program in Blood Alcohol Analysis. *J Anal Toxicol* 2019;43:630-36.
25. Goldberger BA, Lee D, Wilkins DG. Chapter 32. Analytical and Forensic Toxicology. Casarett & Doull's Toxicology – The Basic Science of Poisons. 9<sup>th</sup> Edition. Klaassen CD., ed. McGraw Hill Education.
26. Delcher C, Poston R, Marchall E, Lee D, Maldonado-Molina M, Goldberger BA. Florida's Prescription Drug Monitoring Program (E-FORCSE) Annual Report. 2014.
27. Kampfrath T, Peng P, Vairavan V, Lee D. A case with benzodiazepine in a urine sample without drug metabolites. *Lab Medicine* 2015;46:164-7.
28. Anizan S, Bergamaschi MM, Barnes AJ, Milman G, Desrosiers N, Lee D, Gorelick DA, Huestis MA. Impact of oral fluid collection device on cannabinoid stability following smoked cannabis. *Drug Test Anal* 2015;7:114-20.
29. Newmeyer MN, Desrosiers NA, Lee D, Mendu DR, Barnes AJ, Gorelick DA, Huestis MA. Cannabinoid disposition in oral fluid after controlled cannabis smoking in frequent and occasional smokers. *Drug Test Anal* 2014;6:1002-10.
30. Desrosiers NA, Milman G, Mendu DR, Lee D, Barnes AJ, Gorelick DA, Huestis MA. Cannabinoids in oral fluid by on-site immunoassay and by GC-MS using two different oral fluid collection devices. *Anal Bioanal Chem* 2014;406:4117-28.
31. Desrosiers NA, Lee D, Scheidweiler KB, Concheiro-Guisan M, Gorelick DA, Huestis MA. In vitro stability of free and glucuronidated cannabinoids in urine following controlled smoked cannabis. *Anal Bioanal Chem* 2014;406:785-92.
32. Desrosiers NA, Lee D, Concheiro M, Scheidweiler KB, Huestis MA. Urinary cannabinoids disposition in occasional and frequent smokers: Is THC-glucuronide in sequential urine samples a marker of recent use in frequent smokers? *Clin Chem* 2014;60:361-72.
33. Milman G, Bergamaschi MM, Lee D, Mendu DR, Barnes AJ, Vandrey R, Huestis MA. Plasma Cannabinoid Concentrations During Dronabinol Pharmacotherapy for Cannabis Dependence. *Ther Drug Monit* 2014;36:218-24.
34. Concheiro M, Lee D, Lendoiro E, Huestis MA. Simultaneous quantification of  $\Delta^9$ -tetrahydrocannabinol, 11-nor-9-carboxy-tetrahydrocannabinol, cannabidiol and cannabinol in





oral fluid by microflow-liquid chromatography-high resolution mass spectrometry. *J Chromatogr A* 2013;1297:123-30.

35. Bosker WM, Karschner EL, Lee D, Goodwin RS, Hirvonen J, Innis RB, Theunissen EL, Kuypers KPC, Huestis MA, Ramaekers JG. Psychomotor function in chronic cannabis smokers during sustained Abstinence. *PLoS One* 2013;8:e53127.
36. Vandrey R, Stitzer ML, Mintzer MZ, Huestis MA, Murray JA, Lee D. The dose effects of short-term dronabinol (oral THC) maintenance in daily cannabis users. *Drug Alcohol Depend* 2013;128:64-70.
37. Desrosiers NA, Lee D, Schwoppe DM, Milman G, Barnes AJ, Gorelick DA, Huestis MA. On-site test for cannabinoids in oral fluid. *Clin Chem* 2012;58:1418-25.

#### Abstracts/Presentations

1. Lee D. Pharmacology of NPS Benzodiazepines. Workshop 9: Driving Under the Influence – NPS Benzodiazepines. The Society of Forensic Toxicologists 2022 Annual Meeting. Cleveland, OH. October 30-November 4, 2022.
2. Lee D, Stout P, Egdorf D. Would CNS Depressants Cause Paradoxical Aggressive Driving Behavior? The International Association of Forensic Toxicologists 2022 Annual Meeting, Versailles, France. September 5-8, 2022.
3. Lee D. When Good Drugs Go Bad: Behavioral Aggression from Depressants. The International Association of Chiefs of Police, 2022 Impaired Driving and Traffic Safety Conference. August 21-23, 2022.
4. Lee D. Toxicology and Aggression – Therapeutic Drugs/Toxicology and Paradoxical Aggression. Workshop 16: Neurobiology and Toxicology of Aggression. The American Academy of Forensic Sciences 2022 Annual Meeting, Seattle, WA. February 21-25, 2022.
5. Lee D, Harper C. Drugged driving in the United States; and introduction to the SOFT/AAFS Drugs & Driving Committee. The International Association of Forensic Toxicologists 2022 Annual Meeting, Virtual. February 1-3, 2022.
6. Lee D, Stout P. Houston Cocktail: Cases of Driving Under Influence of Hydrocodone, Alprazolam, and Carisoprodol. The American Academy of Forensic Sciences 2021 Annual Meeting, Virtual. February 15-19, 2021.
7. Lee D, Stout P. Toxicological Findings and Demographics of PCP-Impaired Driving Cases in Houston from 2013 to 2018. The American Academy of Forensic Sciences 2020 Annual Meeting, Anaheim, CA. February 16-20, 2020.
8. Lee D, Goldberger B. Publishing & Reviewing. Young Forensic Toxicologists Symposium/Professional Development Fair. The Society of Forensic Toxicologists 2019 Annual Meeting, San Antonio, TX. October 13, 2019.
9. Lee D. Wednesday Workshop - Cannabinoids. Southwestern Association of Toxicologists. Houston, TX. May 1, 2019.
10. Lee D (co-chair), Stout P, Goldberger B, Swortwood M, Rodgers C, Plushnick-Masti R. Effective Communication Skills for Successful Forensic Toxicology Practice (Workshop No. 5). The Society of Forensic Toxicologists 2018 Annual Meeting, Minneapolis, MN. October 8-12, 2018.
11. Lee D. Introducing HFSC Toxicology Records. HFSC Analyzing & Interpreting Forensic Evidence & eDiscovery Seminar. Houston, TX. November 9, 2017.



12. Lee D. Analytical Prospects and Challenges to Detection of the Medicinal Use of Cannabis. Eastern Analytical Symposium, Somerset, NJ. November 14-16, 2016.
13. Lee D, Stout P. Characteristics of Alcohol-Impaired Drivers in the City of Houston. The Society of Forensic Toxicologists 2016 Annual Meeting, Dallas, TX. October 17-21, 2016.
14. Lee D, Chronister CW, Broussard WA, Utley-Bobak SR, Schultz DL, Vega RS, Goldberger BA. Illicit fentanyl-related fatalities in Florida: Toxicological findings. The Society of Forensic Toxicologists Annual Meeting, Atlanta, GA. October 19-23, 2015.
15. Lee D, The Role of Forensic Toxicology in the Clinical Justice System. Memorial Hermann Sexual Assault Nurse Examiner (SANE) Training. Houston, TX. August 19, 2015.
16. Lee D, Delcher C, Maldonado-Molina MM, Thogmartin JR, Goldberger BA. Manners of death in drug-related fatalities in Florida. The American Academy of Forensic Sciences 2015 Annual Meeting. Orlando, FL. February 16-21, 2015.
17. Lee D, Delcher C, Maldonado-Molina MM, Bazydlo LAL, Thogmartin JR, Goldberger BA. Trends in licit and illicit drug-related deaths in Florida from 2001 to 2012. World Forensic Festival-International Association of Forensic Sciences. Seoul, S. Korea. October 13-17, 2014.
18. Lee D, Garrett TJ, Goldberger BA, Bazydlo LA. Quantitation of 25-hydroxyvitamin D2 and D3 in serum and plasma by liquid chromatography-tandem mass spectrometry. The Association for Mass Spectrometry: Applications to the Clinical Lab. San Diego, CA, March 1-5, 2014; the 2014 University of Florida College of Medicine Celebration of Research. Gainesville, FL. March 31, 2014.
19. Lee D, Karschner EL, Milman G, Barnes AJ, Goodwin RS, Huestis MA. Can oral fluid cannabinoid testing differentiate cannabis smoking from intake of oral THC and oromucosal Sativex administration? The American Academy of Forensic Sciences 2013 Annual Meeting. Washington, DC. February 18-23, 2013.
20. Lee D, Huestis MA. Cannabinoid disposition in oral fluid: quantification, pharmacokinetics and interpretation. Eastern Analytical Symposium. Somerset, NJ. November 12-15, 2012.
21. Lee D, Schwope DM, Milman G, Barnes AJ, Gorelick DA, Huestis MA. Are cannabinoids stable in authentic expectorated oral fluid and oral fluid collected with the Quantisal device after controlled cannabis smoking? The Society of Forensic Toxicologists 2012 Annual Meeting. Boston, MA. July 1-6, 2012.
22. Lee D, Schwope DM, Milman G, Barnes AJ, Gorelick DA, Huestis MA.  $\Delta^9$ -Tetrahydrocannabinol (THC), 11-nor-9-carboxy-THC (THCCOOH), cannabidiol (CBD) and cannabinol (CBN) in oral fluid following controlled, smoked cannabis. The 2011 Joint Meeting of Society of Forensic Toxicologists and the International Association of Forensic Toxicologists. San Francisco, CA. September 25-30, 2011.
23. Lee D, Milman G, Barnes AJ, Goodwin RS, Hirvonen J, Huestis MA. Oral fluid cannabinoids in chronic, daily cannabis smokers during sustained, monitored abstinence. The American Academy of Forensic Sciences 2011 Annual Meeting. Chicago, IL. February 21-26, 2011.
24. Lee D, Milman G, Barnes AJ, Huestis MA.  $\Delta^9$ -Tetrahydrocannabinol (THC), 11-hydroxy-THC (11-OH-THC), 11-nor-9-carboxy-THC (THCCOOH), cannabidiol (CBD) & cannabinol (CBN) oral fluid concentrations collected by expectoration & Quantisal™ device. The Society of Forensic Toxicologists 2010 Annual Meeting. Richmond, VA. October 17-22, 2010.



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