



NAME:	Jami Reber	DATE:	7/20/2022
LABORATORY:	Houston Forensic Science Center		
JOB TITLE:	Forensic Scientist II - Toxicology		

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

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):

Type of License:	Toxicologist (Interpretative)
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Certifications:

Organization	Discipline	Type/Level (N/A if not applicable)
N/A	N/A	N/A

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 Warwick	09/2017 – 09/2018	Analytical Science and Instrumentation	Master of Science
The Pennsylvania State University	08/2012 – 05/2017	Forensic Science	Bachelor of Science
The Pennsylvania State University	08/2012 – 05/2017	Biological Anthropology	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

Meetings and Conferences	
November 2021	International Alliance of Clinical and Forensic Toxicologists Autumn Meeting, Virtual
February 2021	American Academy of Forensic Sciences Annual Meeting, Virtual



October 2019 Society of Forensic Toxicologists Annual Meeting, San Antonio, Texas

Other Training Courses, Workshops, and Webinars

- **Specialized Forensic Toxicology, Pathology and Certification of Drug Related Death for Forensic Pathologists.** Center for Forensic Science Research & Education Webinar (Virtual), April 2022
- **The Evaluation and Certification of Drug Caused and Related Deaths for Pathologists, Toxicologists, and Death Investigators.** Center for Forensic Science Research & Education Webinar (Virtual), April 2022
- **Introduction to Drug Caused and Related Death Investigation.** Center for Forensic Science Research & Education Webinar (Virtual), March 2022
- **Essential LC Method Development.** Phenomenex Webinar (Virtual), March 2022
- **Introduction to Pharmacology.** Houston Forensic Science Center Webinar (Virtual), January 2022
- **The Robert F. Borkenstein Course on Alcohol and Highway Safety: Testing, Research and Litigation.** Indiana University, December 2021
- **Agilent LC_QQQ training and application development.** Noot Analytical Consulting Ltd., Training (Virtual), November-December 2021
- **Delta Dawn: The Rise of Delta-8-THC, Delta 9-THC & Delta-10-THC.** Shimadzu Scientific Instruments, Webinar (Virtual), November 2021
- **An Update on Analytical Approaches for Hemp/Marijuana Differentiation,** American Academy of Forensic Sciences Workshop (Virtual), February 2021

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
N/A	N/A	N/A

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
American Academy of Forensic Science	Associate Member	2021 – Present
Society of Forensic Toxicologists	Full Member	2022 – 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.



Job Title:	Forensic Scientist II	Dates of Employment:	06/2021 – Present
Employer:	Houston Forensic Science Center		
Provide a brief description of duties below:			
<ul style="list-style-type: none">- Analyze blood, urine, and liquid specimens for the detection of alcohol and other volatiles.- Review analytical data.- Draft technical reports based on scientific findings.- Perform technical and analytical review of alcohol case reports.- Provide court testimony pertaining to results and interpretations of alcohol analysis, when requested.- Review discovery orders.- Perform maintenance and troubleshooting tasks on various analytical instruments.			

Job Title:	Analytical Toxicologist II	Dates of Employment:	11/2018 – 05/2021
Employer:	Armed Forces Medical Examiner System		
Provide a brief description of duties below:			
<ul style="list-style-type: none">- Perform qualitative and quantitative analysis of forensic casework using GC-MS, LC-MS/MS, and LC-QTOF-MS- Perform ELISA drug screening- Perform volatiles screening and confirmation by Headspace GC-FID- Develop and validate methods for the detection and identification of various drugs and poisons- Accession cases			

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.

<p><u>Presentations:</u></p> <p>Reber, J., Karschner, E., Seither, J., Knittel, J., Walterscheid, J. (February 2021). Updated Techniques for Characterizing Cannabis Use. Presented at the American Academy of Forensic Sciences Annual Meeting, Houston, TX (Virtual).</p> <p>Reber, J. (October 2019). Analysis of CBD and Other Phytocannabinoids. Workshop presented at the Society of Forensic Toxicologists Annual Meeting, San Antonio, TX.</p> <p><u>Publications:</u></p> <p>Jami D. Reber, Erin L. Karschner, Joshua Z. Seither, Jessica L. Knittel, Katherine V. Dozier, Jeffrey P. Walterscheid (2022). An Enhanced LC-MS/MS Technique for Distinguishing Δ^8- and Δ^9-Tetrahydrocannabinol Isomers in Blood and Urine Specimens. Journal of Analytical Toxicology, Volume 46, Issue 4, Pages 343–349.</p>
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Jami D. Reber, Erin L. Karschner, Joshua Z. Seither, Jessica L. Knittel, Jeffrey P. Walterscheid (2021). Screening and confirmation methods for the qualitative identification of nine phytocannabinoids in urine by LC-MS/MS. *Clinical Biochemistry*, Volume 98, Pages 54-62.

Forshaw, S., Knighton, R., Reber, J., Parker, J., Chmel, N., Wills, M. (2019). A strained alkyne-containing bipyridine reagent; synthesis, reactivity and fluorescence properties. *RSC Advances*, Volume 9, Issue 62, Pages 35931 – 36161.