



NAME:	Corissa L. Rodgers, M.S.	DATE:	2/4/2021
LABORATORY:	Houston Forensic Science Center		
JOB TITLE:	Supervisor - 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)
-------------------------	-------------------------------

Certifications:

Organization	Discipline	Type/Level (N/A if not applicable)
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
Boston University School of Medicine	September 2010-May 2012	Biomedical Forensic Sciences	Master of Science
George Washington University	September 2006-May 2010	Biology	Bachelor of Arts

Other Training:

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

<ul style="list-style-type: none"> • SOFTember: The Society of Forensic Toxicologists Annual Meeting, virtual, September 10 - October 6, 2020. • GC-MS and LC-MS/MS Method Development: A Step by Step Guide, SOFTember: The Society of Forensic Toxicologists Annual Meeting, virtual, September 24, 2020. • Introduction to Liquid Chromatography-Mass Spectrometry/Mass Spectrometry with applications to Forensic Chemistry: Dayong Lee, Houston Forensic Science Center, Houston, Texas, December 3, 12-13 and 17, 2019.
--



- LC-QQQ training, maintenance and method development: Don Noot, Houston Forensic Science Center, Houston, Texas, December 3-5, 2019.
- The Society of Forensic Toxicologists Annual Meeting: San Antonio, Texas, October 16-18, 2019.
- Poisonous Plants: Pharmacology, Toxicology, and Murder!: The Society of Forensic Toxicologists Annual Meeting, San Antonio, Texas, October 15, 2019.
- Recommended Specimens, Scope, Cutoffs, and Strategies for DUI/D Testing & the Impact of Stop Limit Tests: The Society of Forensic Toxicologists Annual Meeting, San Antonio, Texas, October 15, 2019.
- Driving Under the Influence: The NPS Edition: The Society of Forensic Toxicologists Annual Meeting, San Antonio, Texas, October 14, 2019.
- Benzodiazepines for Dummies...And Smarties, Too!: The Society of Forensic Toxicologists Annual Meeting, San Antonio, Texas, October 14, 2019.
- Southwestern Association of Toxicologists Annual Meeting: Houston, Texas, May 2-3, 2019.
- Wednesday Workshop: Southwestern Association of Toxicologists, Houston, Texas, May 1, 2019.
- Effective Communication: Ramit Plushnick-Masti, Houston Forensic Science Center, Houston, Texas, November 29, 2018.
- Forensic Pharmacology: Lionel Raymon of The Center for Forensic Science Research and Education, Webinar, November 5-7, 2018.
- The Society of Forensic Toxicologists Annual Meeting: Minneapolis, Minnesota, October 10-12, 2018.
- Incorporating the Updated NSC ADID Lab Guidelines into Casework: Society of Forensic Toxicologists Workshop, Minneapolis, Minnesota, October 9, 2018.
- How Do I Analyze for That?!?: Society of Forensic Toxicologists Workshop, Minneapolis, Minnesota, October 9, 2018.
- Effective Communication Skills for Successful Forensic Toxicology Practice: Society of Forensic Toxicologists Workshop, Minneapolis, Minnesota, October 8, 2018.
- "Can We Say That?" - Drug Impaired Driving Testimony: Society of Forensic Toxicologists Workshop, Minneapolis, Minnesota, October 8, 2018.
- Care and Feeding of Your Tecan Robot: Tecan Staff, Webinar, June 12, 2018.
- Ethics: Criminal Justice Ethics for Forensic Science Professionals: J. Tyler Dunman of Montgomery County District Attorney's Office, Houston Forensic Science Center, Houston, Texas, February 22, 2018.
- Sci-Dev Day 2018: Agilent Technologies Staff, Quantum Analytics, Oak Ridge North, Texas, February 20, 2018.
- Don't Stop with 'Human Error' - Learn How to Explain your Problems: Hawaii Missile Alert - Case Study and Update: Mark Galley of ThinkReliability, Webinar, February 9, 2018.
- Cognitive Bias Workshop: Itiel Dror, Houston Forensic Science Center, Houston, Texas, October 24, 2017.
- Tecan EVO 75 Workstation with NaviTrak 2.0 Product Training: Kelvin Barnes of Immunalysis, Houston Forensic Science Center, Houston, Texas, October 13, 2017.
- Penta Chart Workshop: Preshious Rearden, Houston Forensic Science Center, Houston, Texas, June 22, 2017.
- The Robert F. Borckenstein Course on Alcohol and Highway Safety: Testing, Research and Litigation: Indiana University, Bloomington, Indiana, December 4-9, 2016.



- Ethics: Nicole DeBorde, Houston Forensic Science Center, Houston, Texas, August 30, 2016.
- Introduction to Root Cause Analysis: Houston Forensic Science Center, Houston, Texas, June 13, 2016.
- Forensic Toxicology Testimony: “How to Effectively Communicate Our Science to the Courts”: Society of Forensic Toxicologists Workshop, Texas Southern University, Houston, Texas, May 23, 2016.
- OpenLab CDS ChemStation and 7697A Headspace Operation Training: Mario Ibarra of AIM LabService LLC at Houston Forensic Science Center, Houston, Texas, May 12 and 13, 2016.
- Hamilton Microlab 600 Product Training: Amy N. Weaver of Hamilton at Houston Forensic Science Center, Houston, Texas, April 26, 2016.
- Uncertainty of Measurement: Soraya McClung, Houston Forensic Science Center, Houston, Texas, January 28, 2016.
- The Secret of Optimizing GCMS Methods: ChromAcademy Webinar, December 10, 2015.
- Testimony Boot Camp: Houston Forensic Science Center, Houston, Texas, December 2-4, 2015.
- Method Development and Validation: Dr. Sherri Kacinko, Houston Forensic Science Center, Houston, Texas, November 19 and 23, 2015.
- Choosing the Correct Sample Preparation Technique: ChromAcademy Webinar, November 6, 2015.
- Ethics: Houston Forensic Science Center, Houston, Texas, October 16, 2015.
- NMS Labs Moot Court Training: Dr. Sherri Kacinko and Dr. Barry Logan, Houston Forensic Science Center, Houston, Texas, September 25, 2015.
- Breaking Bad Chromatography Habits: Agilent Technologies, Houston, Texas, April 7, 2015.
- Examination and Analysis of Explosives and Device Construction/Components: American Academy of Forensic Sciences Workshop, Atlanta, Georgia, February 20-21, 2012.

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
Human performance toxicology	February 2016 – Present	27

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
Society of Forensic Toxicologists	Full Member	May 2018 - Present
American Board of Criminalistics	Fellow, Comprehensive Criminalistics	October 2017 - July 2018
American Board of Criminalistics	Affiliate, Comprehensive Criminalistics	February 2013 - October 2017
American Academy of Forensic Sciences	Associate Member, Toxicology	February 2017 - Present
American Academy of Forensic Sciences	Trainee Affiliate, Criminalistics	February 2013 - February 2015



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:	Supervisor – Toxicology	Dates of Employment:	June 2020 - Present
Employer:	Houston Forensic Science Center		
Provide a brief description of duties below:			
In addition to duties of Forensic Analyst, provide day-to-day supervision of assigned staff members and alcohol analysis production. Promote efficiency of case management and coordinate alcohol analysis and review training.			

Job Title:	Forensic Analyst – Toxicology	Dates of Employment:	August 2015 – June 2020
Employer:	Houston Forensic Science Center		
Provide a brief description of duties below:			
<p>Analyze blood and liquid samples for the presence of alcohol and other volatiles, write reports, and testify as an expert witness in a court of law to the testing process, results obtained, and the effects of alcohol on the human body. Technically and administratively review alcohol casework completed by colleagues. Interpret alcohol analysis results; perform retrograde extrapolation and Widmark calculations when necessary facts are available.</p> <p>Screen blood and urine samples for the presence of drugs and write case reports. Technically review immunoassay screening data completed by colleagues.</p> <p>Perform confirmation analysis for basic, acidic and neutral drugs, along with cannabinoids and phencyclidine on biological samples, and write reports pertaining to those analyses.</p> <p>Validate and maintain instrumentation and equipment related to alcohol analysis, immunoassay drug screening, and qualitative and quantitative drug confirmation in accordance with SOP.</p> <p>Maintain Toxicology section records on HFSC eDiscovery website.</p> <p>Train new analysts in alcohol analysis and interpretation, drug screen, and technical/administrative reviews.</p>			

Job Title:	Quality Analyst	Dates of Employment:	January 2014 - August 2015
Employer:	Nalco Champion		
Provide a brief description of duties below:			
Analyzed manufactured chemical samples to ensure all product specifications were met, monitored reactions for completion, calibrated analytical instrumentation, updated batch statuses in SAP, and performed troubleshooting of non-conforming material.			

Job Title:	Forensic Mass Spectrometrist	Dates of Employment:	July 2012 - October 2013
Employer:	Aegis Sciences Corporation		



Provide a brief description of duties below:

Analyzed urine, blood and oral fluids for prescribed and illicit substances using GC-MS and LC-MS/MS, performed troubleshooting of instrument issues, and maintained instruments in working order.

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.

Publication:

Rodgers CL; St Pierre KA; Hall AB. Recovery of oxygenated ignitable liquids by zeolites, Part II: Dual-mode heated passive headspace extraction. *Forensic Sci Int.* 2014; 240:144-50.

Abstracts/Presentations:

- Lloyd M, Rodgers C, Stout P, Lee D. Everything is Bigger in Texas: A Look at Alcohol-Impaired Driving Trends in the City of Houston (2014 – 2018), Society of Forensic Toxicologists Annual Meeting, San Antonio, Texas, October 2019.
- Rodgers C. How to Implement an eDiscovery Site: HFSC Experience, Society of Forensic Toxicologists Workshop, Minneapolis, Minnesota, October 2018.
- Rodgers C, Lloyd M, Lee D. Characteristics of Alcohol-Impaired Drivers in the City of Houston (January 2014 – February 2017): Did Hosting Super Bowl LI Cause a Spike in BAC?, Society of Forensic Toxicologists Annual Meeting, Boca Raton, Florida, January 2018.
- Rodgers C, St. Pierre K, Desiderio V, Hall A. Improving Oxygenated Ignitable Liquid Recovery by Dual-Mode Heated Passive Headspace Extraction with Zeolites and Activated Charcoal Strips, American Academy of Forensic Sciences Annual Meeting, Atlanta, Georgia, February 2012.
- Rodgers C, St. Pierre K, Gugliotta A, Hall A, Desiderio V. Further Studies Investigating Zeolites for the Recovery of Oxygenated Compounds From Fire Debris Samples, Northeastern Association of Forensic Scientists Annual Meeting, Newport, Rhode Island, November 2011.

Teaching:

- Graduate Teaching Assistant for Forensic Chemistry Lecture and Instrumental Analysis Laboratory, Biomedical Forensic Sciences Program, Boston University School of Medicine, September 2011 – July 2012.
- Graduate Teaching Assistant for Analysis of Controlled Substances Lecture course, Biomedical Forensic Sciences Program, Boston University School of Medicine, September 2011 – December 2011.

Award:

- Peter R. De Forest Forensic Science Graduate Student Research Award, Northern Association of Forensic Scientists Annual Meeting, Newport, Rhode Island, November 2011.