

RESUME OF EMILY K. REED

EDUCATION

4/2020 University of Florida, Gainesville, FL

Master of Science in Pharmaceutical Sciences- Concentration in Forensic DNA & Serology

5/2016 University of Colorado Boulder, Boulder, CO

Bachelor of Arts in Molecular, Cellular, Developmental Biology, Minor in Sociology

EMPLOYMENT

10/2021 - Present Serological Research Institute, Richmond, CA
Forensic DNA Analyst I

Handling, examination, and screening of evidence items. Extraction, quantification, and amplification of DNA from known evidence samples. Analyze and interpret data, provide expert testimony and analytical reports. Experience includes robotic extraction on the EZ1 instrument, quantitation with Real-Time PCR using Quantifiler Trio kit on the ABI 7500 and Quant Studio 5, amplification with GlobalFiler and Yfiler Plus kits, and STR and YSTR analysis on the ABI 3130xl and 3500 using GeneMapper ID-X software.

5/2017 – 8/2021 Texas Department of Public Safety Houston Regional Crime Laboratory, Houston, TX

Forensic Scientist III, Biology/DNA

Handling, examination, and screening of evidence items. Extraction of DNA from known evidence samples. Provide expert testimony and analytical reports. Experience includes robotic extraction on the EZ1 instrument, STR analysis on the ABI 3130xl and 3500 using GeneMapper ID-X software, and report writing.

PROFESSIONAL AFFILIATIONS

Association of Forensic DNA Analysts & Administrators (AFDAA): Regular Member since 2018 (expires August 2022)

EMILY K. REED

LICENSES

Texas Forensic Science Commission, Forensic Biology/DNA Analyst
License Number: 0000311, expires 10/07/2022

TESTIMONY EXPERIENCE

Galveston County, Criminal District Court, Galveston, TX
Brazoria County, Criminal District Court, Angleton, TX

June 2019
February 2020

CONTINUING EDUCATION AND TRAINING

Association of Forensic DNA Analysts & Administrators, 2018 Winter Workshop: “Courtroom Testimony” (Austin, TX)
January 18th-19th, 2018

Association of Forensic DNA Analysts & Administrators, 2018 Summer Meeting (Houston, TX)
August 2nd-3rd, 2018

Texas Department of Public Safety DNA Statewide Meeting (Austin, TX)
August 2018

Texas Department of Public Safety Crime Laboratory Firearms Handling & Safety Training (Houston, TX)
January 15th, 2019

Harris County Institute of Forensic Sciences, 2019 Topics in Forensic Science (TIFS) Conference: “Forensic Biology & DNA - Current Trends and Emerging Practice” (Houston, TX)
June 12th-13th, 2019

Promega, 2019 Technology Tour Seminar (Houston, TX)
November 14th, 2019

Texas Department of Public Safety DNA Statewide Meeting (Virtual)
June 11th-12th, 2020

Parabon, “How to Effectively Use Genetic Genealogy to Advance Violent Criminal Investigations” Webinar (Virtual)
July 28th, 2020

31st International Symposium on Human Identification (ISHI) (Virtual)
September 14th-18th, 2020

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Texas Forensic Science Commission, “Mandatory Legal and Professional Responsibility Course” (Virtual)
November 12th, 2020

Qiagen, Sexual Assault Evidence Recovery Kit Workshop (Virtual)
December 15th, 2020

American Academy of Forensic Sciences (AAFS), 73rd Annual Scientific Meeting (Virtual)
February 15th-19th, 2021

Dr. Mike Coble, University of North Texas Health Science Center, Likelihood Ratio and STRmix Training (Virtual)
March 3rd-4th, 2021

Sam Houston State University, The Institution for Forensic Research Training and Innovation, DNA-Related Research at Human Decomposition Facilities Tour (Huntsville, TX)
July 22, 2021

Association of Forensic DNA Analysts & Administrators, 2021 Summer Conference (Virtual)
July 28th-29th, 2021