

Center for Advanced Research in Forensic Science (CARFS)
research posters presented at the 76th Annual Conference of the
American Academy of Forensic Sciences in Denver, CO.
February 19-24, 2024.

1. **Evaluation of ForenSeq MaintstAY Kit for Mixed Forensic DNA Samples.** Damani Johnson, BS Doctoral Student, Sam Houston State University; Lucio Avellaneda, BS Doctoral Student, Sam Houston State University; Rachel Houston, PhD Assistant Professor, Sam Houston State University; Sheree Hughes, PhD Associate Professor, Sam Houston State University; Tim Kalafut, PhD Associate Professor, Sam Houston State University.
2. **Determination of the Breakdown Products of Black Tar and Powder Heroin.** Alyssa Sanchez. Bruce McCord, Ira Lurie, Dept. of Chemistry, Florida International University.
3. **Suppression of Vapor Availability due to Adsorption to Containment Materials.** Emma R. Calabrese and Dr. Lauryn E. DeGreeff, Florida International University.
4. **Survey of Contamination in the Lifetime of Canine Training Aids.** Katherine Castro, Graduate Student, Florida International University; Kayla Hogan, Graduate Student, Florida International University; Jordi Cruz-Sanchez, Professor, Escola Universitària Salesiana de Sarrià; Lauryn DeGreeff, Associate Professor, Florida International University.
5. **Triage Tool for Crypto Wallet Artifact Detection on Android Devices.** Abhishek Bhattarai, Florida International University; Abdulhadi Sahin, Florida International University; Maryna Veksler, Florida International University; Ahmet Kurt, Florida International University; Dr. Kemal Akkaya, Florida International University.
6. **Utilizing Carrion Fly & Human Microbiomes and Human mtDNA for Detection of a Human Corpse.** Dr. DeEtta Mills, Florida International University; Dr. Jeffrey Wells, Florida International University; Alexis Rizzolo, graduate student, Florida International University.
7. **Utilizing the genetic variation of cannabinoid synthesis genes to differentiate cannabis crop type.** Ya-Chih (Jessica) Cheng PhD, Sam Houston State University; Rachel Houston PhD, Sam Houston State University;
8. **Vacuum assisted trace collection of explosives & drugs using sol-gel sorbent coated swabs.** Patrick Roman, Abuzar Kabir, Julian Mendel, Kirk Grates, Spiros Manolakos GFJC and Depts. of Chem/Bio, Florida International University.

This material is based upon work supported by the National Science Foundation under Grant No. (1739805). Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

