DEPARTMENT OF FORENSIC SCIENCE COLLEGE OF CRIMINAL JUSTICE

Publications
Forensic Science

Sam Houston State University

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Academic Year 2023-2024

- Alleigh Couch and J. Tyler Davidson. **Development of a Novel Seized Drug Screening**Method Utilizing DART-MS and Used Weigh Paper. Journal of Forensic Chemistry.

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- Jared Estevanes, Alleigh Couch, Kevin Bates, J. Tyler Davidson and Geraldine Monjardez.

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- Jennifer Snedeker, Rachel Houston and Sheree Hughes. **DNA Analysis of Chemically Treated Human Remains.** Proceedings from BODE (Jun 2024).
- Tim Kalafut. What's the Probability that DNA Evidence Isn't Relevant Anymore? Is Anything Possible? Proceedings from BODE (Jun 2024).
- Kari Graham, Cesar Cantu and Rachel Houston. Sequence Variation of Commercially Available Kratom Products at Universal DNA Barcode Regions. Journal of Forensic Sciences. Epub ahead of print DOI: 10.1111/1556-4029.15547 (May 2024).
- Patrick Buzzini. **Kirk's 'Ontogeny of Criminalistics' Revisited Under the Lens of the Sydney Declaration.** Forensic Science International. Epub ahead of print <u>DOI:</u> 10.1016/j.forsciint.2024.112023 (Apr 2024).
- Safia Boodoosingh, Hannah Kelly, James Curran and Tim Kalafut. **An Inter-Laboratory**Comparison of Probabilistic Genotyping Parameters and Evaluation of

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- Alleigh Couch, Jayleigh Lanza, Christopher Zall and J. Tyler Davidson. **Ag-Ligand Ion**Complexation: An Alternative Approach for Hemp and Marijuana

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- Amanda Pacana, Stacie Terry, Madeleine Swortwood and Britni Skillman. An Evaluation and Comparison of the Evidence MultiSTAT to GC/MS for the Detection of Morphine, Codeine, and Thebaine in Urine and Oral Fluid. Proceedings from the American Academy of Forensic Sciences (Feb 2024).
- Cailin Herl, J. Tyler Davidson, James Miller, Alaina Anderson, Mona Colca and Geraldine Monjardez. **Investigating the Degradation of Benzodiazepines.** Proceedings from the Current Trends in Seized Drug Analysis Symposium at CFSRE (Feb 2024).
- Christina Chang, Geraldine Monjardez and J. Tyler Davidson. **Assessment of a Combined Portable Raman Spectroscopy and Mass Spectrometry Approach for the Analysis of Seized Drugs.** Proceedings from the American Academy of Forensic Sciences (Feb 2024).
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