



Jennifer Snedeker

Dissertation Defense
College of Criminal Justice
Department of Forensic Science
Doctor of Philosophy, Forensic Science

Investigation of DNA Extraction, Purification, and Downstream Processing Techniques for Challenging Skeletal Remains

The aim of this research was to improve identification efforts for missing persons and unidentified human remains. This was achieved through optimizing a DNA extraction method for skeletal samples, exploring the efficacy of various genotyping techniques on these challenging samples to develop a recommended workflow, and analyzing DNA recovery from an underrepresented category of remains—those chemically altered. This research evaluates the current state of human identification using skeletal remains, highlighting recent improvements, the status of existing methods, and potential future advancements.

Event Information

October 30, 2024
10 AM (CST)
Email forensics@shsu.edu
to attend

Committee Members

Dr. Rachel Houston (Chair)
Dr. Sheree Hughes (Co-chair)
Dr. Mayra Eduardoff
Dr. Charla Marshall



Sam Houston State University

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