



Cesar Cantu

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

DNA Applications to Forensic Entomology

Forensic entomology is the application of insect behavior and biology to criminal and civil investigations. DNA analysis of entomological evidence can provide investigators additional insights. The goals of this study are to apply various genotyping methods to Diptera and Coleoptera species commonly collected as evidence. These methods include DNA barcoding, population genetic studies, and the recovery of human DNA from fly larvae (maggots). Successful implementation of these methods would enable forensic laboratories to process fly larvae as potential evidence that could aid human identification while also providing species-specific insect data that can assist forensic entomologists.

Event Information

October 30, 2024
2 PM (CST)
Email forensics@shsu.edu
to attend

Committee Members

Dr. Rachel Houston (Chair)
Dr. Sibyl Bucheli (Co-Chair)
Dr. Sheree Hughes
Dr. Christopher Randle



Sam Houston State University

PUBLIC DEFENSE ANNOUNCEMENT