



CALIFORNIA ASSOCIATION OF CRIMINALISTS
Evidence Uncorked: Forensic Science Comes to Temecula

2026 Seminar • Temecula Creek Inn Temecula, CA • April 26- May 1, 2026
Hosted by the CA DOJ Riverside Criminalistics Laboratory



STRmix Workshop: DNA Profile Analysis in a Validated Process for Efficiency and Interpretation

Monday, April 27, 2026

Objective of the workshop

This workshop offers a fresh perspective on DNA profile analysis, focusing on enhancing efficiency, accuracy, validation, workflows, and the integration of probabilistic genotyping.

Workshop Content

Key topics include:

- Examining raw EPG data and the impact of peak smoothing on peak calls
- Comparing sizing variations across different analysis software
- Exploring operator tools for effective analysis
- Understanding stutter modelling and its role in interpretation and determination of the number of contributors
- Developing optimized workflows, including for technical review of DNA analysis
- Validating analysis software for reliable results

We provide live demonstrations of FaSTR™ DNA analysis software, determining the number of contributors using the decision tree, and workflow demonstration of integration with STRmix™ for interpretation and DBLR™.

Instructors

Meng-Han Lin (The New Zealand Institute for Public Health and Forensic Science Limited - PHF Science - STRmix)

Helena Wong (Oakland Police Department)