

## **CrIME: Criminal Investigation through Molecular Examination**

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**Description:** The CrIME (Criminal Investigation through Molecular Examination) workshop presents activities and strategies for teaching a cross-disciplinary course in chemistry and statistics to undergraduate non-scientists, using environmental forensics as the overall theme, and a publicly staged crime scene as a final exam. Forensics is ideal for this type of project because a) it combines so many STEM fields, b) various crime shows have given students keen interest in the subject, and c) the importance of statistics to the other sciences in forensics is not well understood even to some professionals in the field. The half-day workshop will include exercises, resources, and discussion in small groups on exercises such as blood spatter analysis, hydrocarbon fingerprinting, and observation-inference. Access to an in-development teaching manual will also be provided.

**Time:** Monday June 5, 1 pm-4 pm

**Room:** Tower 2

**Notes:** This room fits 40 banquet style.