



# CALIFORNIA ASSOCIATION OF CRIMINALISTS

## Virtual Joint Northern and Southern Study Group

July 21, 2020

Thank you for joining our first virtual CAC Study Group Meeting! We are excited to have our Northern and Southern California members present and exchange ideas on current topics in Forensic Science.

Sit back from home or your work desk and enjoy!

Cindy Anzalone and Lauren Sautkulis  
CAC Regional Directors – North and South

### VIRTUAL MEETING INSTRUCTIONS

Before the Meeting	<p>-Download Zoom Client for optimal participation. Test out the computer and software before the meeting. Phoning in is an option, but participation functions may be limited</p> <p>-Register at <a href="https://cac.wildapricot.org/events">https://cac.wildapricot.org/events</a></p> <ul style="list-style-type: none"><li>a) Individuals must register in order to receive the Zoom meeting link AND to receive a Certificate of Attendance</li><li>b) If you are logging into the meeting as a group (multiple people on one computer), please email <a href="mailto:northregion@cacnews.org">northregion@cacnews.org</a> the names of the members in your group</li><li>c) You may participate in only 1 session in the AM and 1 session in the PM</li></ul> <p><b>Deadline to register is 8:00 am July 21, 2020</b></p> <p>-Please email the chairperson of your group questions, comments, or answers to the round table topics prior to the meeting</p>
Logging into the Meeting	<p>Login using your first and last name. This will be used to verify your attendance. If logging in as a group, please use the initials of your lab and the meeting you are attending (eg. San Mateo County Sheriff's Office – Trace/Arson Meeting = SMCSO T/A)</p>
During the Meeting	<p>-Please try to minimize background noise. Participants may be muted so remember to unmute to speak or use the "Chat" function to send in questions/comments</p> <p>-Take pictures/selfies/screenshots of you and your peers and send them to <a href="mailto:editor@cacnews.org">editor@cacnews.org</a></p> <p><b>Meetings will be recorded and made available for future viewing</b></p>

**MORNING SESSIONS - AGENDA**

<p><b>FIREARMS</b> 9:00 am to 11:30 am</p> <p><u>Co-Chairpersons:</u> Todd Weller wellerforensics@gmail.com Jessica Winn jessica.winn@doj.ca.gov</p>	<p><b>Nancy McCombs</b> Updates to CCI</p> <p><b>Megan Burgess</b> Glock Imperfection Protection</p> <p><b>Jonathan Charron</b> Shootin’ Blanks: A case study of a failed blank gun conversion</p> <p><b>Todd Weller</b> "Weight of Evidence Framework for Forensic Firearms Examinations"</p> <p><b>Eric Collins</b> Subclass Characteristics in Glock Firing Pin Aperture Shear Marks</p> <p><b>Robert Thompson</b> NIST’s virtual 3D preservation of the JFK Assassination Bullet artifacts</p>
<p><b>CRIME SCENE INVESTIGATIONS</b> 10:00 am to 11:00 am</p> <p><u>Chairperson:</u> Corrie Maggay CDM@occl.ocgov.com</p>	<p>1) Round table discussion: CSI in the time of COVID – how has COVID changed the way your lab responds to scenes?</p> <p>2) Round table discussion: CSI accreditation – what changes have been implemented at the laboratory to meet accreditation standards?</p>
<p><b>TRACE/ARSON</b> 10:00 am to 12:00 pm</p> <p><u>Co-Chairpersons:</u> Gina Williams Gina.Williams@doj.ca.gov Casey Hughes Casey.Hughes@doj.ca.gov</p>	<p><b>Jeremy Morris</b> (Technical Leader in trace evidence and bloodstain pattern analysis, Johnson County Sheriff’s Office, Olathe, Kansas)</p> <p>“Applying Communication Science Principles to Forensic Report Writing and Courtroom Testimony”</p>

**AFTERNOON SESSIONS**

<p><b>DNA</b> 2:00 pm to 4:00 pm</p> <p><u>Co-Chairpersons:</u> Vivien Lee Vivien.Lee@doj.ca.gov Samantha Bendix Samantha.Bendix@doj.ca.gov</p>	<p><b>Diana Orozco</b> "True Allele and STRmix: A Comparison of Two Probabilistic Genotyping Software Programs (Preliminary Results)"</p> <p><b>Demetria Su</b> "Familial Search Update: Cold Case Arrest"</p> <p><b>Ashleigh Matzoll</b> "Dual Separation of Peptides and DNA from Semen"</p> <p><b>Helena Wong</b> "LeviCell: A Different Way of Separating Cells"</p> <p><b>Marla Kaplan</b> "Q&amp;A session regarding the SWGDAM Report on Y-Screening of Sexual Assault Evidence kits"</p>
<p><b>ALCOHOL/TOXICOLOGY</b> 2:00pm to 3:30pm</p> <p><u>Chairperson:</u> Valera Horton VSH@occl.ocgov.com</p>	<p><b>Kelly Brown</b> "Adjudication Trends between DRE and non-DRE cases in Orange County"</p> <p>Round Table:</p> <p>What criteria does each lab have in place to send a DUI sample on to toxicology testing?</p> <p>What instrumentation is currently in use at labs across the state (Breath Instruments, Blood Alcohol Instrumentation, and Tox Screening/Confirmation Methods)</p>