

Stage V July 2019-Jan 2020 UVU Quadrupole /SPME and Air Confirm sampling

- ❑ UVU kick off with R.Jones, C.Jones, DeHaan, Byron, FLIR Team, UVU team, Michelle T. from FIU, instrumentation issues and data discrepancies.
- ❑ California Conference of Arson Investigators (CCAI) San Luis Obispo September 21st, 2019 R.Jones/DeHaan/Megan G. G510 data failures/SPME issues. Decision to switch to Air Confirm method
- ❑ PerkinElmer failed to send T9 October 2019/continued offer than withdraw support
- ❑ Houston training of Ricky J. and Jerome with Mike Parsons on G510 Air Confirm Method
- ❑ Issues with getting useful scene data continued through January. Rerun of scene samples performed.
- ❑ Finalization meeting in Vallejo CA with Full Team (DeHaan, Byron, Brien, R.Jones, C.Jones, Williams, Harper, Matthew). Ross able to provide G510 data from San Luis Obispo sample cans taken in September and secured by John. The blind testing produced the best data to date implementing a newer method than used previously. The samples tested by Ross were sent to Doug for comparison of results. All scene samples taken with the G510 aligned with the findings from the lab. Four scenes were reviewed for use in our final paper.

Stage I (GUARDION/SPME) June 2013-August 2014 IFSI Publication

- ❑ Panel burns (UVU, Montgomery County TX, Alameda)
- ❑ Flashover burns (Merced, Napa, SLOFIST, UVU)
- ❑ IFSI conference presentation, September 2014 University Maryland.
- ❑ Dobson, et al...American Society for Mass Spectrometry (ASMS) presentation

Stage II (SPME) August 2014- December 2016 TXFM

- ❑ Austin TX August 23-26, 2014 C.Williams training.
- ❑ CAC conference, Rohnert Park, CA DeHaan/Leary et al. October 2014 with Canine testing
- ❑ Analytical Scientist article Feb 1015
- ❑ TXFM Canine conference November 2-5, 2015
- ❑ Leary et al...American Academy of Forensic Sciences (AAFS) presentation 2017
- ❑ TXFM Canine conference November 2014



GC/MS PROJECT

**Three panel burns,
nine flashover burns and
139 actual fire scenes with
hundreds of samples analyzed**

Stage IV October 2017- September 2018 Huntsville TX R Jones/T9 with SPME

- ❑ Matthew presentation at PerkinElmer American Forks Utah Brand, Lawton, et al...
- ❑ DeHaan & Lawton presentation Jan 2018 IPTES-NIJ VA
- ❑ Instrumentation issues/suspended testing Sept/2018

Stage III (SPME) February 2017-Fort Worth, Leary, DeHaan, Jones, et al...

- ❑ Training of R.Jones at Novak Conference in Ft. Worth
- ❑ Instrumentation issues/Guardion (Smiths) withdrew from project