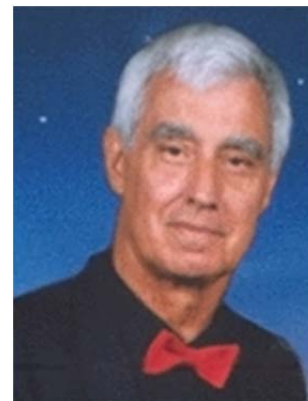
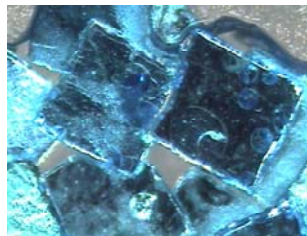
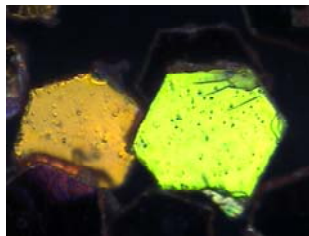
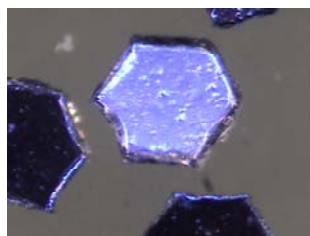


GLITTER as Forensic Evidence



Bob Blackledge

Naval Criminal Investigative Service (RFL-Retired) Forensics

Locard's Exchange Principle states, "Every contact leaves a trace." When these traces involve an exchange between a criminal, victim, and crime scene, there is the potential that they may help to establish a common association. Well known examples of such trace or associative evidence are hairs, fibers, paint chips, and broken glass fragments. Although not as well known, we will see that in many respects "glitter" is the ideal contact trace. Today, glitter may be found in every possible variation of cosmetic products. Glitter is also in widespread use as material for arts and crafts; it is used as decorative material on items of apparel, and it is incorporated in numerous clear plastic commercial products. This presentation will tell you what glitter is; how it is made; the many ways it varies; how it may be found and collected from crime scenes and evidence items; and the many ways it can be characterized and distinguished from other glitter samples. The talk will conclude with several brief case histories (including photomicrographs and infrared spectra from the actual evidence) where glitter was important associative evidence.

Oklahoma Baptist University, Shawnee, OK

<http://www.okbu.edu>

6:00 pm Social Hour & Picnic

Wood Science Building
lawn games[indoor/outdoor]—volleyball & croquet

7:30 pm Presentation

Wood Science Building - large lecture hall

Menu

Hamburgers & hotdogs
potato chips
pickles
cookies
soft drinks

Cost

\$8 members
\$5 students
\$3 children under 12

RSVP Deadline

Monday, Sep 12th, 5 pm
Contact Shawna York
405-878-2028, Shawna.York@okbu.edu
[indicate # of adults & # children]



OBU map
QR code

Bob Blackledge Biographical Sketch

Robert (Bob) D. Blackledge received his BS (chem.) from The Citadel in 1960 and his MS (chem.) from the University of Georgia in 1962. Starting with the Florida Department of Law Enforcement's Tallahassee Crime Lab in 1971, Bob worked in forensic science for over thirty years. Stops along the way included eleven years with the U.S. Army Criminal Investigation Laboratory-Europe, back during the Cold War when there was a crime lab in Frankfurt, Germany. Bob's final stint was as the Senior Chemist with the Naval Criminal Investigative Service Regional Forensic Laboratory-San Diego from 1989 to 2006. The author or co-author of roughly fifty

journal articles and book chapters, his interests are wide-ranging but his special passion is trace evidence. Reports of his research have been published in the FBI's Law Enforcement Bulletin, the FBI's Crime Laboratory Digest, the Journal of Forensic Sciences, Science & Justice, Forensic Science International, Forensic Science Review, Microgram Journal, and Analytica Chimica Acta. He is the editor for, "Forensic Analysis on the Cutting Edge: New Methods for Trace Evidence Analysis", published by Wiley-Interscience in Aug. 2007.