

# 1 2 SCENE EXAMINATION

## A Newly Formed SAC

(formerly part of Crime Scene/ Death Investigation)

September 2021 Update

Craig Beyler, SAC Chair  
Michael Kessler, SAC Vice Chair

# Subcommittee Chairs

## New Leadership

**Crime Scene Investigation  
& Reconstruction**  
**C. Stephen DeFrance**

**Fire & Explosion  
Investigation**  
**Philip Crombie, Jr.**

**Dogs &  
Sensors**

**Paola Prada-Tiedemann**



# Crime Scene Investigation & Reconstruction

## Officers

C. Stephen DeFrance, Subcommittee Chair, Federal Bureau of Investigation

Jeffery Tomberlin, Subcommittee Vice Chair, Texas A&M University (NEW)

Kimberlee Sue Moran, Subcommittee Executive Secretary, Rutgers University – Camden

## Members

Tony Becker, Forensic Training Group, LLC

Richard Phillip Carter, Jr., U.S. Postal Inspection Service

Karen Green, Green Forensics Inc.

Jason Keller, Naval Criminal Investigative Service

Matthew Noedel, Noedel Scientific

Clint Norris, State of New Mexico

Jane Northrop, Rhode Island State Police (Quality Task Group member)

Kevin Parmelee, Somerset County Prosecutor's Office (NJ)

Christine Pinto, Los Angeles County Sheriff Department

Ronald Reinstein, Arizona Supreme Court (Legal TG member)

Ryan Rezzelle, Leica Geosystems

Kimberley Shapiro, San Bernardino County Sheriff's - Scientific Investigations Division

Michele Smith, Louisiana State Police Crime Laboratory

Martha Smith-Blackmore, DVM, Forensic Veterinary Investigations, LLC

Barbara Spellman, Univ. of Virginia (Human Factors TG member)

Troy E. Wilson, Texas Department of Public Safety

Neil Zielinski, Palm Beach County Sheriff's Office



# Crime Scene Investigation Accomplishments

- OSAC Proposed Standards on Registry:
  - OSAC 2021-N-0015, *Guiding Principles for Scene Investigation and Reconstruction* (moved to ASB)
  - OSAC 2021-N-0016, *Standard for Initial Response at Scenes by Law Enforcement* (moved to ASB)
- Subcommittee Proposed Standards for FSSB Action:
  - Standard Methods for Documentation and Processing of Shooting Scenes*
  - Standard Practice for the On-scene Collection and Preservation of Physical Evidence*



# Crime Scene Investigation Accomplishments(2)

- Documents in subcommittee review:
  - Standards for DNA-based taxonomic identification in forensic entomology
  - Standard for the Clinical Veterinary Forensic Examination of the Suspected Abused Animal
- Many other documents are under development (see website)
- Forensic Nursing Task Group -> Subcommittee under Medicolegal SAC



# Crime Scene Investigation Priorities

## Standards:

- Continue development of base of practice documents
- After base of practice documents, move into more specific methods
- Continue document collaboration with other subcommittees with shared interests/interfaces

## Non-standards:

- Continue working with others generally, e.g. development of an app with Trace Evidence
- Outreach to enhance standards development and implementation
- Process mapping exercise to begin in FY 2022



# Fire and Explosion Investigation

## Officers

Philip Crombie, Jr., Subcommittee Chair, Travelers Insurance

David Sheppard, Subcommittee Vice Chair, Bureau of Alcohol, Tobacco, Firearms and Explosives

## Members

Jason Bond, Indiana State Police Laboratory Division (Quality Task Group member)

Brittany Brown, Lovington Fire Department

Chris Connealy, Williamson County (TX)

Dan Gottuk, Jensen Hughes

Andrew Jurs, Drake University School of Law (Legal Task Group member)

Rick Lempert, University of Michigan (emeritus) (Human Factors Task Group member)

John Lentini, Scientific Fire Analysis, LLC

James Panos, Bureau of Alcohol, Tobacco, Firearms and Explosives

Randy Watson, SEA, Ltd.



# Fire & Explosion Investigation Accomplishments

- *Strengthening Fire and Explosion Investigation in the United States: A Strategic Vision for Moving Forward*, Technical Guidance Document 0005 July 2021
- NFPA 1321, Fire Investigation Unit Standard is moving to the public input stage at NFPA, final publication is expected in 1-2 years.





# Fire & Explosion Investigation Priorities

## Standards:

- Completing publication of the Fire Investigation Unit (FIU) Standard standard by NFPA and adding the standard to the OSAC registry.
- Moving the new editions of NFPA 921-2021 and NFPA 1033-2022 to the OSAC Registry.

## Non-standards:

- Publicity and advocacy for the Strategic Vision Document and its recommendations
- Template SOP development is underway to support the use of the FIU Standard and associated quality system as the basis for FIU accreditation.
- Process mapping is underway



# Dogs and Sensors

## Officers

Paola Prada-Tiedemann, Subcommittee Chair, Texas Tech University

Sara Suzanne Perry, SC Vice Chair, Sumner County Tennessee Emergency Management Agency

## Members

Deborah Davis, University of Nevada, Reno (Human Factors Task Group member)

Kenneth Furton, Florida International University

Fred Helfers, FH Consulting

Julia Leighton, Self-employed (Legal Task Group member)

Melanie McMillin, Bureau of Alcohol, Tobacco, Firearms and Explosives (Quality Task Group member)

Herbert Nakamura, Hawaii K-9 Concepts

Cindy Otto, University of Pennsylvania, School of Veterinary Medicine

John Pearce

Mark Rispoli, Self-employed

Craig Schultz, Federal Bureau of Investigation

Paul Waggoner, Auburn University



# Dogs and Sensors Accomplishments

- OSAC Registry: ASB Technical Report 025, Crime Scene/Death Investigation - Dogs and Sensors - Terms and Definitions, First Edition, 2017
- General Guidelines for Training, Certification, and Documentation of Canine Detection Disciplines (ASB Standard 088) published
- Four documents approved at SDO and awaiting publication
- Five documents at SDO and under development
- 28 documents planned and in development



# Dogs and Sensors Priorities

## Subcommittee Level Standards:

- Disaster Live Human and Human Remains Detection Dogs Programs
- Human remains standards (water and land)

## Non-standards:

- Develop task group for canine detection of COVID-19
- Facilitating networking opportunities between groups to encourage collaboration on interdisciplinary documents.
- Development of a “practical field guide”, simple pamphlets with essential points of canine training/certification.
- Promote standards implementation and outreach within canine community

