



Priority Action Report

Biology/DNA SAC

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Subcommittee Leadership

Position	Name	Organization	Term	Email
Chair	George Herrin, Jr., Ph.D.	Georgia Bureau of Investigation	4	george.herrin@gbi.ga.gov
Vice Chair	Angelo Della Manna	Alabama Department of Forensic Sciences	3	a.dellamanna@adfs.alabama.gov
Executive Secretary	Deedra Hawk	Wyoming Forensic Fish and Wildlife	3	deedee.hawk@wyo.gov



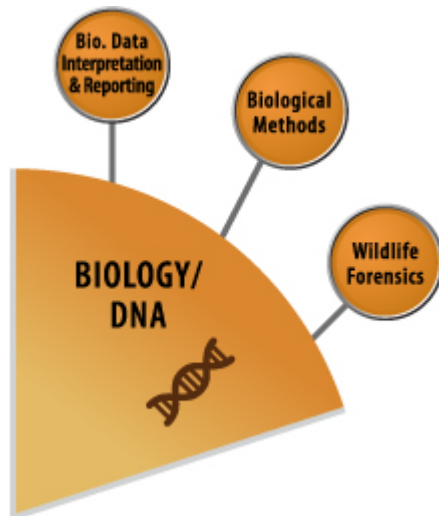
Subcommittee Members



#	Name	Organization	Term	Email
1	Kimberly Murga – DNA 1 Chair	Las Vegas Metropolitan Police Department	3	K10140M@lvmpd.com
2	Robyn Ragsdale, Ph.D. – DNA 2 Chair	Florida Department of Law Enforcement	4	robynragsdale@fdle.state.fl.us
3	Kimberly Frazier – Wildlife Chair	Wyoming Fish & Game Department	4	kim.frazier@wyo.gov
4	John Butler, Ph.D.	NIST	3	john.butler@nist.gov
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9	Bruce Weir, Ph.D.	University of Washington	3	bsweir@uw.edu
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Discipline Description



The purpose of the Biology/DNA Scientific Area Committee is to review and develop standards and guidelines related to DNA and serological techniques used in forensic analyses of human and wildlife evidence.

Biology/DNA SAC Goal

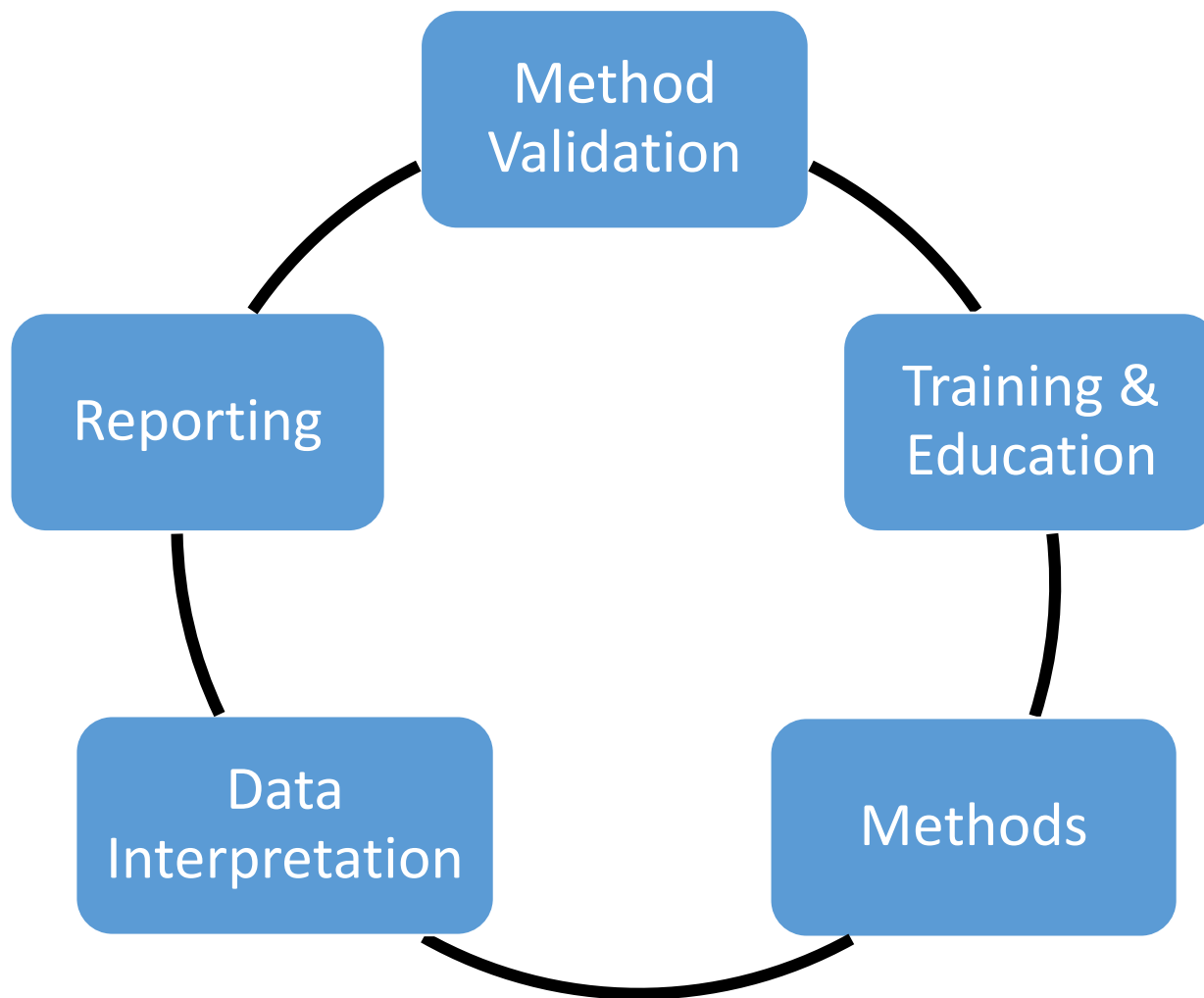
Standards and guidelines that facilitate analyses of biological evidence using scientifically rigorous methods that are consistent between and within laboratories.

Strategic Plan

- Focus on documents other than the FBI Quality Assurance Standards since the QAS is legally mandated for labs which participate in CODIS. The QAS is controlled by SWGDAM.
- Standards or guidelines must be based on scientific principles
- Foundational documents that enhance the consistency and compatibility of personnel and laboratory practices
- Modular, specific documents that can be more easily updated to keep pace with changing technologies
- The Academy Standards Board (ASB) has been selected as the most appropriate Standards Development Organization (SDO) for Biology/DNA documents



Types of Standards



Biology/DNA Document Process

Subcommittee
develops document
(SDO 100)

OSAC units review
(SDO 200 - 600)

Draft document
sent to SDO
(SDO 700)



Summary of Priority Projects



Priority	OSAC Process	Working Title of Document
1	N/A	Terminology document – over 440 terms relevant to forensic biology or wildlife forensics
2	SDO 700	Standard for Validation of Probabilistic Genotyping Systems
3	SDO 700	Standard for Verification of Mixture Interpretation Procedures
4	SDO 700	Wildlife Forensics General Standard
5	SDO 700	Wildlife Forensics Reporting Standard
6	SDO 700	Wildlife Forensics Morphology Standard



Biology/DNA SAC Next Steps

- Continue to review documents developed by subcommittees
- Work with ASB to continue progress on documents submitted
- Review any relevant ASB standards for possible inclusion on the OSAC registry



THANK YOU !!

