

Appendix B. National Commission on Forensic Science Subcommittees

National Commission on Forensic Science’s (NCFS) Subcommittees develop work products—Recommendation and Views documents—for the NCFS. They are chaired by Commissioners and have approximately 20 members composed of both Commissioners and the subject matter experts from the public.

There are seven NCFS Subcommittees: 1) Accreditation and Proficiency Testing, 2) Human Factors, 3) Interim Solutions, 4) Medicolegal Death Investigation, 5) Reporting and Testimony, 6) Scientific Inquiry and Research, and 7) Training on Science and the Law. Subcommittee membership and descriptions are provided below.

Accreditation and Proficiency Testing Subcommittee

Accreditation is a process by which an independent third party verifies compliance with established standards. In forensic science, accreditation standards include criteria for laboratories performing specific types of testing and/or examination, measurement, or calibration activities. Additionally, the implementation of a robust and standardized proficiency testing program, used in conjunction with or independent of accreditation, is a key element of an effective quality management system. Professional certification is the recognition by an independent body that an individual has acquired and demonstrated specialized knowledge, skills, and abilities in the standard practices necessary to execute the duties of his or her profession. The Accreditation and Proficiency Testing Subcommittee will consider the role of accreditation and proficiency test programs as part of a quality management system and forensic science personnel certification, and will explore issues such as consistency of existing standards and programs, application to technological innovations, and challenges associated with implementation.

Members

Co-Chairs	
Linda Jackson <i>Laboratory Director</i> <i>Virginia Department of Forensic Science</i>	Patricia Manzollilo <i>Laboratory Director</i> <i>United States Postal Inspection Service</i>
Commission Members	
Cecelia Crouse, Ph.D. <i>Director</i> <i>Palm Beach County Sheriff's Office Crime Laboratory</i>	Julia Leighton <i>General Counsel</i> <i>District of Columbia Public Defender Service</i>
Gregory Czarnopys <i>Deputy Assistant Director, Forensic Services</i> <i>Bureau of Alcohol, Tobacco, Firearms and Explosives</i>	Nelson Santos <i>Deputy Assistant Administrator</i> <i>Drug Enforcement Administration</i>
Sgt. Troy Lawrence <i>Director, Digital Forensics Laboratory</i> <i>Fort Worth Police Department</i>	Frances Schrotter <i>Senior Vice President and Chief Operating Officer</i> <i>American National Standards Institute</i>
Marc LeBeau, Ph.D. <i>Scientific Forensic Scientist</i> <i>Federal Bureau of Investigation</i>	

Additional Members	
<p>Karin Athanas Forensics Program Manager A2LA</p>	<p>Captain Greg Michaud Forensic Science Division Director Michigan State Police</p>
<p>Bicka Barlow Attorney and Forensic Consultant</p>	<p>Brady Mills Deputy Assistant Director Texas Department of Public Safety</p>
<p>Pam Bordner Senior Accreditation Program Manager American Society of Crime Laboratory Directors/Laboratory Accreditation Board</p>	<p>Roger Muse Director, Business Development ANSI-ASQ National Accreditation Board</p>
<p>Loralie Langman Director of Toxicology Mayo Clinic College of Medicine</p>	<p>Anjali Ranadive President and Chief Executive Officer SciLawForensics, Ltd.</p>
<p>Deborah Leben Laboratory Director US Secret Service</p>	<p>Marvin Schechter Criminal Defense Attorney</p>
<p>Pete Marone Retired Director Virginia Department of Forensic Science</p>	<p>Christopher Taylor Supervisor Chemist & Branch Chief United States Army Criminal Investigation Laboratory</p>
Former Members	
<p>Cassandra Burke Quality and Technical Services Manager Supervisor, Trace Analysis and Evidence Processing Units Baltimore County Police Department Forensic Services Section</p>	<p>Lorie Gottesman Supervisory Forensic Document Examiner, QD Unit Federal Bureau of Investigation</p>
<p>Andrea Ferreira-Gonzalez Professor and Chair Division of Molecular Diagnostics Department of Pathology Virginia Commonwealth University</p>	<p>Jennifer Limoges Associate Director of Forensic Science/Toxicology NYSP Forensic Investigation Center</p>

Human Factors Subcommittee

Human factors is a multidisciplinary field that examines ways in which human performance (e.g., the judgments of experts) can be influenced by cognitive, perceptual, organizational, social, and cultural factors, and other human tendencies. The Human Factors Subcommittee will examine factors that influence the performance of forensic scientists as they draw conclusions from physical evidence and communicate their findings in the legal system, and will recommend policies and procedures to improve the performance of forensic laboratories and their personnel in the various roles they perform. Specific areas of focus will include minimizing cognitive bias, reducing the risk of human error, testing and evaluating human performance, and improving communication of scientific findings.

Members

Co-Chairs	
<p>The Honorable Bridget Mary McCormack Justice Michigan State Supreme Court</p>	<p>Jules Epstein Professor of Law and Director of Advocacy Programs Temple Beasley School of Law</p>
Commission Members	
<p>Thomas Albright, Ph.D. Professor and Conrad T. Prebys Chair Salk Institute for Biological Studies</p>	<p>Phil Pulaski Chief of Police Muttontown Police Department</p>
<p>Gregory Champagne Elected Sheriff St. Charles Parish, Louisiana</p>	<p>Sunita Sah, Ph.D. Assistant Professor Cornell University</p>
<p>Rebecca Ferrell, Ph.D. Program Director, Biological Anthropology Program National Science Foundation</p>	
Additional Members	
<p>Michael Ambrosino Special Counsel for DNA and Forensic Evidence Litigation United States Attorney's Office U.S. Department of Justice</p>	<p>Michael Nerheim Lake County State's Attorney Waukegan, Illinois</p>
<p>Simon Cole, Ph.D. Professor Department of Criminology, Law & Society School of Social Ecology, University of California, Irvine</p>	<p>Kate Philpott Forensic Consultant Former Forensic Staff Attorney DC Public Defender Service</p>
<p>Itiel Dror, Ph.D. Cognitive Neuroscientist University College London and Cognitive Consultants International</p>	<p>Michael Risinger Professor of Law Seton Hall University School of Law</p>
<p>Hany Farid, Ph.D. Professor, Computer Science Dartmouth University</p>	<p>Barry Scheck Co-Director Innocence Project</p>
<p>John Hollway Executive Director Quattrone Center for the Fair Administration of Justice</p>	<p>Laura Sudkamp Laboratory System Director Kentucky State Police Forensic Services Division</p>
<p>Jerome Kassirer, M.D. Distinguished Professor Tufts University School of Medicine</p>	<p>Melissa Taylor Management and Program Analyst NIST</p>
<p>Deborah Leben Laboratory Director United States Secret Service Department of Homeland Security</p>	<p>William Thompson, Ph.D. Professor School of Social Ecology University of California, Irvine</p>

<p>Christian Meissner, Ph.D. <i>Professor</i> <i>Department of Psychology</i> <i>Iowa State University</i></p>	<p>Dustin Yeatman <i>Toxicology/Chemistry Manager</i> <i>Palm Beach County Sheriff's Office</i></p>
<p>Former Members</p>	
<p>Cassandra Burke <i>Quality and Technical Services Manager</i> <i>Supervisor, Trace Analysis and Evidence</i> <i>Processing Units</i> <i>Baltimore County Police Department</i> <i>Forensic Services Section</i></p>	<p>Troy Duster, Ph.D. <i>Chancellor's Professor and Senior Fellow</i> <i>Warren Institute on Law and Social Policy</i> <i>University of California, Berkeley</i></p>
<p>William Crane <i>Retired Special Agent</i> <i>U.S. Department of State</i></p>	<p>Stephen Fienberg , Ph.D. <i>Maurice Falk Professor of Statistics and Social Science</i> <i>Emeritus</i> <i>Carnegie Mellon University</i></p>

Interim Solutions Subcommittee

There are many factors that can improve the quality of forensic science, such as research, accreditation, and standards implementation. Independent of these long-term initiatives, there are a number of interim improvements that can be accomplished that further enhance scientific practices and support quality assurance measures for forensic service providers and stakeholders who rely on their work. The Interim Solutions Subcommittee will develop near-term recommendations that are consistent with fundamental forensic science examination, scientific practice, and quality management principles, which may include reporting requirements for all work performed, root cause analysis, defining terminology, and devising language for expressing the limitations of results of analyses.

Members

<p>Co-Chairs</p>	
<p>Dean Gialamas <i>Division Director, Technical and Support Division</i> <i>Los Angeles County Sheriff's Department</i></p>	<p>Peter Neufeld <i>Co-Director</i> <i>Innocence Project</i></p>
<p>Commission Members</p>	
<p>S. James (Jim) Gates, Jr. , Ph.D. <i>Regents and John S. Toll Professor of Physics</i> <i>University of Maryland</i></p>	<p>Marc LeBeau, Ph.D. <i>Senior Forensic Scientist</i> <i>Federal Bureau of Investigation Laboratory</i></p>
<p>Paul Giannelli <i>Distinguished University Professor</i> <i>Case Western Reserve University</i></p>	<p>Julia Leighton <i>General Counsel</i> <i>District of Columbia Public Defender Service</i></p>
<p>Susan Howley <i>Director of Public Policy</i> <i>National Center for Victims of Crime</i></p>	<p>Patricia Manzolillo <i>Laboratory Director</i> <i>United States Postal Inspection Service</i></p>
<p>Marilyn Huestis, Ph.D. <i>Adjunct Professor Dr. Dr. (h.c.)</i> <i>University of Maryland School of Medicine</i></p>	<p>Michael “Jeff” Salyards, Ph.D. <i>Executive Director</i> <i>Defense Forensic Science Center</i></p>

Ted Hunt <i>Chief Trial Attorney</i> <i>Jackson County (MO) Prosecutor's Office</i>	
Additional Members	
Adam Becnel <i>Crime Laboratory Manager</i> <i>Louisiana State Police Crime Laboratory</i>	John Hollway <i>Executive Director</i> <i>Quattrone Center for the Fair Administration of Justice</i>
Former Members	
Troy Duster, Ph.D. <i>Chancellor's Professor and Senior Fellow</i> <i>Warren Institute on Law and Social Policy</i> <i>University of California, Berkeley</i>	

Medicolegal Death Investigation Subcommittee

In the United States, the medicolegal death investigation profession is generally composed of three major personnel categories: medicolegal death investigators, coroners, and medical examiners. The Medicolegal Death Investigation Subcommittee will examine ways to enhance services being provided by this array of practitioners and develop solutions that ensure that our nation is provided the highest quality services related to the determination of cause and manner of death.

Members

Co-Chairs	
John Fudenberg <i>Assistant Coroner</i> <i>Clark County (NV) Office of the Coroner/Medical Examiner</i>	Randy Hanzlick, M.D. <i>Consultant</i> <i>Retired Chief Medical Examiner, Fulton County, Georgia</i> <i>Retired Professor of Forensic Pathology, Emory University School of Medicine, Atlanta</i>
Commission Members	
Frederick Bieber, Ph.D. <i>Medical Geneticist</i> <i>Bingham and Women's Hospital</i>	Matt Redle <i>Sheridan County (WY) County and Prosecuting Attorney</i> <i>Sheridan County Prosecuting Attorney's Office</i>
Gregory Champagne <i>Elected Sheriff</i> <i>St. Charles Parish, Louisiana</i>	Kathryn Turman <i>Program Director, Office of Victim Assistance</i> <i>United States Department of Justice</i>
Phil Pulaski <i>Chief of Police</i> <i>Muttontown Police Department</i>	

Additional Members	
<p>Laura Crandall <i>Assistant Executive Director for Advocacy</i> <i>The Sudden Unexplained Death in Childhood Program</i></p>	<p>Elias Kontanis <i>Coordinator for Medicolegal Operations</i> <i>National Transportation Safety Board</i></p>
<p>Captain Brian Elias <i>Los Angeles County Coroner’s Office</i></p>	<p>Kurt Nolte, M.D. <i>Professor of Pathology & Radiology</i> <i>University of New Mexico</i></p>
<p>Frank DePaolo <i>Assistant Commissioner</i> <i>New York City Office of Chief Medical Examiner</i></p>	
Former Members	
<p>Steven Clark <i>Director</i> <i>Occupational Research & Assessment, Inc.</i></p>	<p>Victor Weedn, M.D. <i>Professor</i> <i>George Washington University</i></p>
<p>Vincent DiMaio, M.D. <i>Consultant in Forensic Pathology</i></p>	

Reporting and Testimony Subcommittee

Results of forensic analyses have a wide audience: law enforcement officers, lawyers, judges, juries, and victims. Significant variability exists as to the scope, contents, and disclosure of forensic science reports and the accompanying standards and terminology used by the author-experts to describe their results and conclusions in their reports and in their testimony. The Reporting and Testimony Subcommittee will consider ways to address current inconsistencies and insufficiencies and to enhance adequacy, accuracy, and uniformity in such reports and testimony as well as in the underlying documentation and processes.

Members

Co-Chairs	
<p>The Honorable Jed Rakoff <i>Senior Federal District Judge</i> <i>Southern District of New York</i></p>	<p>Matt Redle <i>Sheridan County and Prosecuting Attorney</i> <i>Sheridan County (WY) Prosecuting Attorney’s Office</i></p>
Commission Members	
<p>Jules Epstein <i>Professor of Law and Director of Advocacy Programs</i> <i>Temple Beasley School of Law</i></p>	<p>Gerald LaPorte <i>Director, Office of Investigative and Forensic Science</i> <i>National Institute of Justice</i></p>
<p>Paul Giannelli <i>Distinguished University Professor</i> <i>Case Western Reserve University</i></p>	<p>Sgt. Troy Lawrence <i>Director, Digital Forensics Laboratory</i> <i>Fort Worth Police Department</i></p>
<p>The Honorable Barbara Hervey <i>Texas Court of Criminal Appeals</i></p>	<p>Julia Leighton <i>General Counsel</i> <i>DC Public Defender Service</i></p>
<p>Susan Howley <i>Director of Public Policy</i> <i>National Center for Victims of Crime</i></p>	<p>Peter Neufeld <i>Co-Director</i> <i>Innocence Project</i></p>

<p>Linda Jackson <i>Laboratory Director</i> <i>Virginia Department of Forensic Science</i></p>	<p>Phil Pulaski <i>Chief of Police</i> <i>Muttontown Police Department</i></p>
<p>Hon. Pam King <i>Judge</i> <i>Minnesota District Court</i></p>	
<p>Additional Members</p>	
<p>Mike Cariola <i>President & CEO</i> <i>Bode Technology Group</i></p>	<p>Thomas McShane <i>President of Investigations and Monitoring</i> <i>Guidepost Solutions, LLC</i></p>
<p>Alicia Carriquiry, Ph.D. <i>Distinguished Professor of Statistics</i> <i>Iowa State University</i></p>	<p>Ray Miller, Ph.D. <i>Chief, National Security and Major Crimes Unit</i> <i>U.S. Attorney’s Office, District of Connecticut</i></p>
<p>Jamie Downs <i>Consultant Forensic Pathologist</i> <i>forensX LLC</i></p>	<p>Jill Spriggs <i>Private Consultant</i></p>
<p>Larry Kobilinsky, Ph.D. <i>Professor & Chair</i> <i>John Jay College of Criminal Justice</i></p>	<p>Charlotte Word, Ph.D. <i>Private Consultant</i></p>
<p>David Kaye <i>Distinguished Professor of Law</i> <i>Penn State University</i></p>	<p>Paula Wulff <i>Assistant General Counsel</i> <i>FBI Laboratory</i></p>
<p>Former Members</p>	
<p>Stephen Fienberg, Ph.D. <i>Maurice Falk University Professor of Statistics and</i> <i>Social Science Emeritus</i> <i>Carnegie Mellon University</i></p>	<p>John Kacavas <i>United States Attorney</i> <i>District of New Hampshire</i></p>

Scientific Inquiry and Research Subcommittee

There is considerable debate regarding the strength of the foundational science underpinning some forensic science disciplines. Additionally, fragmentation of research efforts hinders the development and deployment of advanced technologies for forensic science. The Scientific Inquiry and Research Subcommittee will consider ways to examine existing foundational research and recommend research priorities for technological investments that can improve the quality and timeliness of forensic analyses.

Members

<p>Co-Chairs</p>	
<p>Suzanne Bell, Ph.D. <i>Professor of Chemistry</i> <i>West Virginia University</i></p>	<p>Michael “Jeff” Salyards, Ph.D. <i>Executive Director</i> <i>Defense Forensic Science Center</i></p>

Commission Members	
<p>John Butler, Ph.D. <i>NIST Fellow & Special Assistant to the Director for Forensic Science National Institute of Standards and Technology</i></p>	<p>Marilyn Huestis, Ph.D. <i>Adjunct Professor Dr. Dr. (h.c.) University of Maryland School of Medicine</i></p>
<p>Arturo Casadevall, Ph.D. <i>Bloomberg Distinguished Professor and Chair Johns Hopkins Bloomberg School of Public Health</i></p>	<p>Gerry LaPorte <i>Director, Office of Investigative and Forensic Sciences National Institute of Justice</i></p>
<p>Cecelia Crouse, Ph.D. <i>Laboratory Director Palm Beach County (FL) Sheriff's Office Crime Laboratory</i></p>	<p>Marc LeBeau, Ph.D. <i>Senior Forensic Scientist Federal Bureau of Investigation Laboratory</i></p>
<p>M. Bonner Denton, Ph.D. <i>Professor University of Arizona</i></p>	<p>Peter Neufeld <i>Co-Director Innocence Project</i></p>
<p>Rebecca Ferrell, Ph.D. <i>Program Director, Biological Anthropology Program National Science Foundation</i></p>	
Additional Members	
<p>Sarah Chu <i>Senior Forensic Policy Advocate Innocence Project</i></p>	<p>Kurt Nolte, M.D. <i>Professor Office of the Medical Investigator</i></p>
<p>Karen Kafadar, Ph.D. <i>Commonwealth Professor and Chair Department of Statistics University of Virginia</i></p>	<p>Jeffery Tomberlin, Ph.D. <i>Associate Professor of Chemistry Department of Entomology Texas A&M University</i></p>
Former Members	
<p>Thomas Cech, Ph.D. <i>Distinguished Professor Department of Chemistry and Biochemistry University of Colorado Boulder</i></p>	<p>Jeremy Triplett <i>Laboratory Supervisor Kentucky State Police</i></p>
<p>Stephen Fienberg <i>Maurice Falk University Professor of Statistics and Social Science Emeritus Carnegie Mellon University</i></p>	<p>Mark Weiss <i>Director, Behavioral and Cognitive Sciences Division, National Science Foundation</i></p>

Training on Science and the Law Subcommittee

There are limited uniform national programs for educating lawyers and judges on forensic science and educating forensic scientists on relevant laws. The Training on Science and Law Subcommittee will explore mechanisms for judges, lawyers, and forensic scientists to engage in collaborative training to ensure that legal professionals understand the probative value and limitations of forensic science and forensic practitioners understand legal procedure and issues associated with the presentation of scientific evidence in court.

Members

Co-Chairs	
<p>The Honorable Barbara Hervey <i>Texas Court of Criminal Appeals</i></p>	<p>S. James (Jim) Gates, Jr. , Ph.D. <i>Regents and John S. Toll Professor of Physics University of Maryland</i></p>
Commission Members	
<p>Gregory Czarnopys <i>Deputy Assistant Director, Forensic Services Bureau of Alcohol, Tobacco, Firearms, and Explosives</i></p>	<p>Hon. Pam King <i>Judge Minnesota District Court</i></p>
<p>Jules Epstein <i>Professor of Law and Director of Advocacy Programs Temple Beasley School of Law</i></p>	<p>The Honorable Bridget Mary McCormack <i>Justice Michigan State Supreme Court</i></p>
<p>Ted Hunt <i>Chief Trial Attorney Jackson County (MO) Prosecutor's Office</i></p>	
Additional Members	
<p>The Honorable Sid Harle <i>Bexar County District Court Judge</i></p>	<p>General Michael Marchand <i>President The Center for American and International Law</i></p>
<p>The Honorable Bob Humphreys <i>Judge Court of Appeals of Virginia</i></p>	<p>Barry Scheck <i>Co-Director Innocence Project</i></p>
<p>D. Pat Johnson <i>Deputy Assistant Director (Ret.) Crime Laboratory Service Texas Department of Public Safety</i></p>	
Former Members	
<p>Ryant Washington <i>Sheriff, Fluvanna, VA</i></p>	<p>Alan Leshner, Ph.D. <i>Chief Executive Officer, Emeritus American Association for the Advancement of Science</i></p>