

DAN KATZ

SUMMARY

Seasoned and respected leader in Forensic Science known for innovation, collaboration, and results currently focused on winning election to the Maryland House of Delegates. Ready to apply unique skill set, extensive knowledge base, and trusted relationships, developed over the past 12 years as a State of Maryland agency head, to implementing needed change in Annapolis.



PROFESSIONAL EXPERIENCE

Director, 07/2014 - 12/2025

Maryland State Police - Forensic Sciences Division - Pikesville, Maryland

- Led the Maryland State Police - Forensic Sciences Division (MSP-FSD), providing the highest level of forensic science services to criminal justice stakeholders throughout all 23 Counties and Baltimore City.
- Directed the accredited operations of 3 crime labs and 14 crime scene offices to ensure an optimal balance of productivity and quality.
- Embraced technological advances and facilitated collaboration among teams to streamline investigative processes.

Acting Director, 01/2014 - 07/2014

Maryland State Police - Forensic Sciences Division - Pikesville, Maryland

- Led MSP-FSD during transition period between Directors, maintaining continuity and support for team initiatives.

Deputy Director, 02/2009 - 12/2013

Maryland State Police - Forensic Sciences Division - Pikesville, Maryland

- Oversaw all laboratory operations within MSP-FSD, ensuring compliance with regulatory standards and optimizing workflow.

Biology Section Manager, 05/2007 - 02/2009

Maryland State Police - Forensic Sciences Division - Pikesville, Maryland

- Managed DNA casework and DNA database operations, ensuring accurate processing and analysis of biological evidence.

DNA Unit Laboratory Manager, 02/2000 - 05/2007

Delaware Office of the Chief Medical Examiner - Wilmington, Delaware

- Established first STR DNA testing operations in Delaware, enhancing local forensic capabilities.
- Performed DNA casework on property and violent crimes, contributing to successful case resolutions.
- Supervised daily operations of DNA Unit to ensure efficiency and quality.

CONTACT

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SKILLS

- Charismatic leader
- Team collaboration
- Stakeholder engagement
- Government relations
- Strategies and goals
- Project leadership
- Budget management
- Risk management
- Innovation management
- Critical thinking
- Analytical thinking
- Problem-solving

DNA Analyst, 08/1996 - 02/2000

Armed Forces DNA Identification Laboratory - Rockville, Maryland

- Conducted mitochondrial DNA casework to aid in identification of human remains from past military conflicts.
 - Executed nuclear DNA casework to facilitate identification of deceased individuals from current military incidents and civilian airplane crashes.
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EDUCATION

Certificate, Forensic Laboratory Management, 01/2012

University of California at Davis - Davis, California

Master, Forensic Science, 01/1997

George Washington University - Washington, D.C.

DNA Profiling, Serology I, Serology II, Statistics, Moot Court, Population Genetics, Criminal Law I, Criminal Law II, Forensic Pathology, Interdisciplinary Aspects of Forensic Science, Forensic Toxicology, and Physical Aspects of Forensic Science

Bachelor of Science, Biotechnology, 01/1994

University of Delaware - Newark, Delaware

Molecular Biology, Genetics, Cell Biology, Microbiology, General Chemistry, Organic Chemistry, Biochemistry, Immunology, and Immunochemistry.
Minor: Chemistry

Diploma, 01/1990

Brandywine High School - Wilmington, Delaware

CERTIFICATIONS & LICENSES

American Board of Criminalistics, Diplomate, Comprehensive Criminalistics, 2019 - present

APPOINTED POSITIONS

- Maryland Forensic Laboratory Advisory Committee, Member, 2014 - 2025
 - Maryland Sexual Assault Evidence Kit Policy and Funding Committee, Member, 2017 - 2025
 - North Carolina Forensic Science Advisory Board, Member, 2022 - present
 - Stevenson University Forensic Science Advisory Board, Member, 2008 - 2014
 - Maryland Sexual Assault Expert Advisory Board, Member, 2009
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PROFESSIONAL ASSOCIATIONS

- American Society of Crime Laboratory Directors, Board of Directors, 2024 - present, Member, 2010 - present, Nominating and Awards Committee

- Chair, 2024 - 2025, Membership Committee Co-Chair, 2024 - present,
Member Resource Committee Co-Chair, 2024 - present
- **National Association of Forensic Science Boards**, Founding Member, 2023 - present, Executive Board Member, 2023 - 2025
 - **Association of State Criminal Investigative Agencies Forensic Science Committee**, Member, 2024 - 2025
 - **Forensic Science Education Programs Accreditation Commission**, Commissioner, 2014 - 2020
 - **Mid-Atlantic Association of Forensic Scientists**, Past President, 2007 - 2008, President, 2006 - 2007, President-Elect, 2005 - 2006, Annual Meeting Chair, 2004, Distinguished Member, 2008 - present, Member, 1998 - 2008
 - **American Academy of Forensic Sciences**, Fellow, 2010 - present, Member, 2001 - 2010, Provisional Member, 1999 - 2001, Trainee Affiliate, 1998 - 1999
 - **Chesapeake Bay Division - International Association for Identification**, Member, 2017 - present
 - **International Association for Identification**, Member, 2019 - present
 - **Disaster Mortuary Operational Response Team, Region III**, Member, 2003 - 2007
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PROFESSIONAL PRESENTATIONS

- **Use Cases and Considerations for the Use of AI in Forensic Science**; Harnessing the Power of AI Systems in Forensic Science, Washington, DC, 2025
- **How Changes to Workflow and Technology are Expanding the Investigative Capabilities of the Maryland State Police Forensic Sciences Division**, Harvard Associates in Police Science Conference, Baltimore, MD, 2024
- **Board Responsibility: Leadership on Legislation**, NAFSB Conference, Albany, NY, 2024
- **Fireside Chat: National Association of Forensic Science Boards**, ASCLD Symposium, Birmingham, AL, 2024
- **National Association of Forensic Science Boards**, ASCIA-FSC Meeting, Birmingham, AL, 2024
- **Forensic Investigative Genetic Genealogy - The Maryland Story**, Loyola University Spring Forensic Science Graduate Seminar Series, Baltimore, MD, 2024
- **The Maryland Experience: A Not Success Story... Yet**, NAFSB Inaugural Conference, Austin, TX, 2023
- **Maryland's Forensic Genetic Genealogy Legislation**, Harvard Associates in Police Science Conference, Baltimore, MD, 2023
- **The Disconnect Between Accreditation and the OSAC Registry Process**, ASCLD Symposium, Austin, TX, 2023
- **The Next Phase of Forensic Genetic Genealogy: Establishing Safeguards and Standards Workshop: Implementing Legislation**, ASCLD Symposium,

Austin, TX, 2023

- **Maryland's New Forensic Genetic Genealogy Legislation - A Success Story in Compromise and Hope for the Future**, ASCLD Symposium, Reno, NV, 2022
- **Maryland's New Forensic Genetic Genealogy Legislation - A Success Story in Compromise and Hope for the Future**, Bode Conference, Denver, CO, 2021
- **Responding to Vicarious Trauma and Stress Workshop: The Maryland State Police Experience**, AAFS Annual Meeting, Anaheim, CA, 2020
- **Forensic Investigations and the MSP Forensic Sciences Division**, Harvard Associates in Police Science Conference, Baltimore, MD, 2019
- **How to Measure and Reduce Drug Background Levels in Forensic Laboratories and Their Implications on Safety and Data Integrity Workshop: Responding to the New Normal (Managing Change)**, AAFS Annual Meeting, Baltimore, MD, 2019
- **FEPAC On-Site Assessor Training**, MAAFS Annual Meeting, Hunt Valley, MD, 2018
- **MSAA Training - Forensic Evidence**, MSAA Training Day, Marriottsville, MD, 2018
- **FEPAC On-Site Assessor Training**, AAFS Annual Meeting, Seattle, WA, 2018
- **Criminal Justice Technical Panel**, Maryland Consortium of Criminal Justice College Educators Conference, Sykesville, MD, 2017
- **Advances in Forensic DNA - Science, Technology, and Laboratory Resources**, Harvard Associates in Police Science Conference, Baltimore, MD, 2017
- **FEPAC On-Site Assessor Training**, AAFS Annual Meeting, New Orleans, LA, 2017
- **FEPAC On-Site Assessor Training**, AAFS Annual Meeting, Las Vegas, NV, 2016
- **CSI Pikesville**, The Lecture Group, Pikesville, MD, 2016
- **FEPAC On-Site Assessor Training**, MAAFS Annual Meeting, Cambridge, MD, 2015
- **DNA Mixture Interpretation Workshop: Change Management and the Nature of Life**, ASCLD 42nd Annual Symposium, Washington, DC, 2015
- **Criminal Justice Technical Panel**, Maryland Consortium of Criminal Justice College Educators Conference, Sykesville, MD, 2015
- **How the MSP-FSD fits into the Maryland Criminal Justice System**, Conference of Circuit Judges, Annapolis, MD, 2014
- **How the MSP-FSD fits in with Local Law Enforcement**, Maryland Police Executives Association Annual Training, Ocean City, MD, 2014
- **Direct Outsourcing as an Effective Tool to Reduce DNA Backlogs**, ASCLD 39th Annual Symposium, Denver, CO, 2011
- **Validation of Qiagen MinElute for Post-PCR Purification of Forensic Casework Samples**, AAFS Annual Meeting, Denver, CO, 2009
- **DNA 101: The Very Short Course**, Maryland DNA Training Conferences, Sykesville, Cumberland, and Salisbury, MD, 2008

- **DNA in Maryland: Where We Are and Where We Are Going**, Maryland DNA Training Conferences, Sykesville, Cumberland, and Salisbury, MD, 2008
- **Forensic Biology: From Crime Scene to Laboratory to Court**, Frederick County Crime Scene Course, Frederick, MD, 2007
- **Forensic DNA Testing in Delaware**, Delaware ChemVets - American Chemical Society, Wilmington, DE, 2007
- **Forensic DNA Analysis: The Interactive Relationship of the Hospital, Law Enforcement, and Crime Laboratory**, Christiana Care SANE Program, Wilmington, DE, 2007
- **Forensic DNA Testing in Delaware**, Terry-Carey American Inn of Court, Georgetown, DE, 2007
- **Forensic DNA Analysis: The Interactive Relationship of the Hospital, Law Enforcement, and Crime Laboratory**, Bayhealth Medical Center SANE Program, Dover, DE, 2007
- **Forensic DNA Testing in Delaware**, Delaware OCME Monthly Inservice Training, Wilmington, DE, 2006
- **New Approaches at the Delaware OCME for Addressing Challenging Samples**, Promega 17th International Symposium on Human Identification, Nashville, TN, 2006
- **Forensic DNA Testing: What the Prosecutor Needs to Know**, Delaware Attorney General Office Retreat, Wilmington, DE, 2006
- **New Approaches at the Delaware OCME for Addressing Challenging Samples**, Promega Technology Tour '06, Austin, TX, 2006
- **Comparison Study of Various Protocols to Release Maximal Amounts of Amplifiable DNA from Compromised Soft Tissue Exposed to Different Environmental Conditions**, MAAFS Annual Meeting, Richmond, VA, 2006
- **Comparison Study of Various Protocols to Release Maximal Amounts of Amplifiable DNA from Compromised Soft Tissue Exposed to Different Environmental Conditions**, AAFS Annual Meeting, Seattle, WA, 2006
- **Mitochondrial DNA Validation in a State Laboratory (Poster)**, AAFS Annual Meeting, Seattle, WA, 2006
- **Use of the SPEX 6750 Freezer Mill for Extraction Preparation of Limited DNA Samples (Poster)**, AAFS Annual Meeting, Seattle, WA, 2006
- **Forensic DNA Analysis: The Interactive Relationship of the Hospital, Law Enforcement, and Crime Laboratory**, 2nd Annual Regional Conference, 21st Century Visions of Critical Care, Newark, DE, 2005
- **Casework Successes at the Delaware OCME Using PowerPlex 16**, Promega Summer Expedition, Chicago, IL, 2005
- **Interesting Parentage & Kinship DNA Casework at the Delaware OCME**, MAAFS Annual Meeting, Pittsburgh, PA, 2005
- **Delaware No-Suspect DNA Grant**, NIJ DNA Grantees Meeting, Washington, DC, 2004
- **Interesting DNA Casework at the Delaware OCME: Death Investigations**, MAAFS Annual Meeting, Annapolis, MD, 2003
- **Comparison of FTA Paper and IsoCode Paper for Collection and Isolation of DNA from Buccal Swabs**, NEAFS Annual Meeting, Atlantic City, NJ, 2002

- **Comparison of FTA Paper and IsoCode Paper for Collection and Isolation of DNA from Buccal Swabs**, MAAFS Annual Meeting, Frederick, MD, 2002
 - **The Validation and Implementation of PowerPlex 16 at the Delaware Office of the Chief Medical Examiner**, Promega STR Educational Forum, Concordville, PA, 2001
 - **Development and Validation of an Improved Procedure for DNA Extraction from Hair Roots (poster)**, AAFS Annual Meeting, Reno, NV, 2000
 - **The Application of Mitochondrial DNA Sequence Analysis to the Identification of Remains from a Mass Disaster - KAL Flight 801**, NWAFS Spring Meeting, Portland, OR, 1998
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PUBLICATIONS

- **Mitochondrial DNA Validation in a State Laboratory**, Journal of Forensic Sciences, 01/09, Pamela G. Jarman, Sherri L. Fentress, Daniel E. Katz, Delaware Office of the Chief Medical Examiner DNA Unit, Wilmington, DE
- **The Hidden Benefits of Real-Time PCR: Assessing and Addressing Qualitative Challenges**, Profiles in DNA, 2007, Daniel E. Katz, Delaware Office of the Chief Medical Examiner DNA Unit, Wilmington, DE
- **Case Report: Another Reason to Quit Smoking**, Profiles in DNA, 2003, Daniel E. Katz, Teri L. Lawton, Delaware Office of the Chief Medical Examiner DNA Unit, Wilmington, DE