



Idaho State Police Forensic Services



KATHERINE DACE

Forensic Scientist III, Biology/DNA Casework
Idaho State Police Forensic Services
700 S. Stratford Drive, Ste. 125, Meridian, ID 83642-6202
(208) 884-7189

Education:

2008 University of West Virginia
Bachelor of Science (BS) – Forensic Biology

Experience:

01/2020 – Present Idaho State Police Forensic Services
Forensic Scientist III Supervisor (Biology/DNA)
State CODIS Administrator
Idaho Cold Case Advanced DNA Methods Working Group

08/2016 – 01/2020 Idaho State Police Forensic Services
Forensic Scientist II (Biology/DNA)
State CODIS Administrator

02/2014 – 08/2016 Texas Department of Public Safety
Forensic Scientist III (Biology/DNA)

03/2012 – 06/2013 Ideal Innovations Inc., Afghanistan Captured Materials
Exploitation (ACME) Lab
DNA Technician (Biology/DNA)

06/2008 – 02/2012 Denver Police Department Crime Laboratory
Forensic Scientist (Biology/DNA)

05/2007 – 08/2007 Michigan State Police Crime Laboratory
Intern (Biology/DNA)

Certifications:

2017 – Present American Board of Criminalistics – Molecular Biology

Professional Organizations; Committees; Working Groups:

2016 – Present Association of Forensic DNA Analysts and Administrators

<https://isp.idaho.gov/forensics>

EQUAL OPPORTUNITY EMPLOYER

Revised 12/19/22

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Testimony:

Courts – Ada County, Idaho
Denver County, Colorado
Madison County, Idaho
Minidoka County, Idaho
Hays County, Texas
Gonzales County, Texas
Bexar County, Texas

Continuing Education; Association Meetings; Conferences:

2022 2022 CODIS Conference (FBI, 32hrs)
2021 CODIS State Administrators' Meeting (FBI, 8hrs)
STRmix Users Group Workshop (ESR, 14hrs)
Forensic Genetic Genealogy Workshop (ISPFS, 24hrs)
Forensic Relationship Statistics Training (ISPFS, 12hrs)
ISO 17025 Internal Auditor Training (ISPFS, 20hrs)

2021 2021 CODIS Conference (FBI, 32hrs)
2021 CODIS State Administrators' Meeting (FBI, 16hrs)
3500 Genetic Analyzer Training (LT, 8hrs)
STRmix Users Group Workshop (ESR, 12hrs)
Supervision of Police Personnel (Northwestern University, 40hrs)

2020 2020 CODIS Conference (FBI, 32hrs)
2020 CODIS State Administrator's Meeting (FBI, 16hrs)
AFDAA Summer Workshop (AAFDA, 16hrs)

2019 2019 CODIS State Administrator's Meeting (FBI, 16hrs)
2019 CODIS Conference (FBI, 32hrs)
GeneMarker HID Software Training (ISPFS, 24hrs)

2018 Qiagen 7th Investigator Forum (Qiagen, 20hrs)
2018 CODIS Conference (FBI, 32hrs)
Forensic Y-STR Training Roadshow, (Marshall University, 16hrs)

2017 DNA Casework Training (ISPFS, ~6mos)
AFDAA Summer Workshop (AAFDA, 24hrs)
3130 Genetic Analyzer Training, ISPFS (ABI, 8 hours)
International Symposium on Human Identification (Promega, ~28hrs)

2016 Mixture Deconvolution Workshop, Texas FSC (TXDPS, 8hrs)
AFDAA Winter Workshop (AAFDA, 8hrs)
STRmix Probabilistic Software and LR Training (TXDPS, 32hrs)
AFDAA Summer Workshop (AAFDA, 8hrs)

2015 Texas DPS Statewide DNA Meeting (TXDPS, 16hrs)

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AFDAA Winter Workshop (AAFDA, 8hrs)
2015 International Symposium on Human Identification (Promega, 32hrs)
FBI Allele Frequency Amendments Webinar (ASCLD, 1hr)

- 2014 Probabilistic Genotyping and Software Programs Webinar (NIST, 4hrs)
- 2011 ABI 7500 Real-Time Fast PCR Machine Install Training (ABI, 4hrs)
- 2010 National Institute of Justice Annual Conference (FBI, 24hrs)
The Ethics of Science and the Science of Ethics (CBI, 8hrs)
- 2009 ISO Without Tears (DPD, 24hrs)
FBI DNA Auditor Training (CBI, 16hrs)
AAFS Annual Scientific Meeting (AAFS, 24hrs)
- 2008 ABI 3130 Genetic Analyzer HID Install Training (ABI, 8hrs)
Intro to Forensic Microscopy of Hairs for DNA Analysis (DPD, 12hrs)
PDI Advanced DNA Training (MSU, 30hrs)

Validations Completed:

- 2018 Supplemental Validation of a Y-Screen Protocol for the Rapid Processing of Sexual Assault Kits
- 2017 Validation of a Y-Screen Protocol for the Rapid Processing of Sexual Assault Kits
- 2016 Enhanced Injection Time and Stochastic Threshold Evaluation on the 3130XL for the AmpF ℓ STR[®] Identifiler[®] PCR Amplification Kit
- 2015 Enhanced Injection Time and Stochastic Threshold Evaluation on the 3130XL for the AmpF ℓ STR[®] IdentifilerPlus PCR Amplification Kit
Enhanced Injection Time and Stochastic Threshold Evaluation on the 3130XL for the AmpF ℓ STR[®] Minifiler PCR Amplification Kit
- 2012 Evaluation of Time and Temperature on Differential Extractions
- 2010 Life Technologies AmpF ℓ STR[®] IdentifilerPlus PCR Amplification Kit
Qiagen QIASymphony SP[®] Extraction Robot
Evaluation of Differential Extractions on the BioRobot EZ1

Presentations:

- 2018 “Validation of a Y-Screen Protocol for the Rapid Processing of Sexual Assault Kits”
Northwest Association of Forensic Scientists (Boise, ID)
- 2016 “DNA Evidence”
University of Texas Police Department (Austin, TX)
- 2015 “DNA and Family Crime”

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Statewide Intake for TX Department of Family and Protective Services
(Austin, TX)

- 2011 “Sexual Assault Evidence Collection”
Rita Bass Medical Center (Denver, CO)
“Using DNA to Solve Property Crimes”
Denver Police Department District Substations 1, 2, and 6 (Denver, CO)
“Theft from Motor Vehicle”
Denver Police Department Dispatch Center (Denver, CO)
- 2010 “2009 Backlog Reduction Grant Progress Report” (Poster)
National Institute of Justice Annual Conference (Arlington, VA)
“Theft from Motor Vehicle”
Denver Police Department Dispatch Center (Denver, CO)
- 2009 “Theft from Motor Vehicle”
Denver Police Department Dispatch Center (Denver, CO)
- 2008 “DNA and Property Crimes”
Denver Police Department Citizens’ Academy (Denver, CO)

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