



# Idaho State Police Forensic Services



## **KATHERINE DACE**

Forensic Scientist II, 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:**

08/2016 – Present 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 II (Biology/DNA)

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

### **Certifications:**

2017 – Present American Board of Criminalistics – Molecular Biology Fellow

### **Professional Organizations; Committees; Working Groups:**

2016 – Present Association of Forensic DNA Analysts and Administrators

### **Testimony:**

County Courts – Ada County, Idaho  
Denver County, Colorado

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

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**EQUAL OPPORTUNITY EMPLOYER**

Revised 6/25/19

## KATHERINE DACE

District Courts – Hays County, Texas  
Gonzales County, Texas  
Bexar County, Texas

### **Continuing Education; Association Meetings; Conferences:**

2019 2019 CODIS State Administrator's Meeting (FBI, 16hrs)

2018 Qiagen 7<sup>th</sup> Investigator Forum (Qiagen, 20hrs)  
2018 CODIS Conference (FBI, 32 hrs)  
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)  
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

## KATHERINE DACE

- 2016 Enhanced Injection Time and Stochastic Threshold Evaluation on the 3130XL for the AmpFℓSTR® Identifiler® PCR Amplification Kit
- 2015 Enhanced Injection Time and Stochastic Threshold Evaluation on the 3130XL for the AmpFℓSTR® IdentifilerPlus PCR Amplification Kit  
Enhanced Injection Time and Stochastic Threshold Evaluation on the 3130XL for the AmpFℓSTR® Minifiler PCR Amplification Kit
- 2012 Evaluation of Time and Temperature on Differential Extractions
- 2010 Life Technologies AmpFℓSTR® 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”  
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)