

CURRICULUM VITAE

Kellie A. Fenesan

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PROFESSIONAL EXPERIENCE

FORENSIC SCIENTIST, Human Identification Technologies, Inc., Redlands, CA,
January 2007 to present

- Identify biological fluids found on evidence items
- Perform DNA analysis on biological samples
- Interpret findings of testing and prepare reports of analyses
- Perform statistical calculations of population frequencies
- Testify to results in a court of law
- Provide consultation and case review
- Perform technical and administrative review of casework
- Participate in research of emerging techniques for DNA analysis
- Provide training to criminal justice professionals

CHEMIST III, DNA Unit Supervisor, Massachusetts State Police Crime Laboratory,
Sudbury, MA, September 2005 – December 2006

- Perform DNA analysis on biological samples
- Interpret findings of testing and prepare reports of analyses
- Perform statistical calculations of population frequencies
- Testify to results in a court of law
- Perform technical and administrative review of casework
- Provide training to criminal justice professionals
- Supervise and train DNA staff
- Inventory, assess and evaluate evidence in post conviction cases
- Review external vendor casework

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CHEMIST III, Crime Scene Supervisor, Massachusetts State Police Crime Laboratory, Sudbury, MA, April 2003 – February 2006

- Respond to and supervise crime scenes in western section of Massachusetts, including documentation of scene, screening, collecting, transport and preservation of evidence
- Identify biological fluids on evidence in laboratory
- Coordinate crime scene response team
- Provide education to law enforcement personnel on collection and testing of physical evidence
- Prepare written reports of observations and results
- Testify to results in a court of law

CHEMIST II/III, DNA Section, Massachusetts State Police Crime Laboratory, Sudbury, MA, August 1999 – September 2005

- Perform DNA analysis on biological samples
- Interpret findings of testing and prepare reports of analyses
- Perform statistical calculations of population frequencies
- Testify to results in a court of law
- Perform technical and administrative review of casework
- Provide training to criminal justice professionals
- Aid in training of DNA staff
- Inventory, assess and evaluate evidence in post conviction cases
- Order supplies for DNA Unit
- Travel and training point person for the laboratory

CHEMIST II/III, Criminalistics Section, Massachusetts State Police Crime Laboratory, Sudbury, MA, October 1997 – April 2003

- Analyze evidence for presence of biological and trace materials
- Screen evidence for biological fluids and perform confirmatory testing
- Collect and preserve trace materials – perform gun shot residue testing and hair comparisons
- Prepare written reports of results
- Respond to crime scenes – document, screen, collect, transport and preserve physical evidence
- Testify to results in a court of law
- Provide training to criminal justice professionals

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CHEMIST I, Toxicology Unit, Massachusetts State Police Crime Laboratory, Sudbury, MA, August 1997 – October 1997

- Screen blood and urine samples for the presence of drugs, poisons and alcohol (RIA, ELISA, alcohol screening)

COURT TESTIMONY QUALIFICATIONS

DNA

Qualified as an expert witness in STR, PCR based DNA Analyses:

Superior Court

Berkshire, Hampshire, Hampden, Franklin, Worcester, Norfolk, Plymouth, Barnstable, Middlesex, Suffolk, Essex, Bristol counties in Massachusetts

Federal Court

Boston, Massachusetts

OTHER

Qualified as an expert in Criminalistics and Crime Scene Analyses:

Superior Court

Berkshire, Hampshire, Hampden, Franklin, Worcester, Norfolk, Plymouth, Barnstable, Middlesex, Suffolk, Essex, Bristol counties in Massachusetts

Deposed by the state of Florida in conjunction with a secondary crime scene involving a primary Florida scene

ACADEMIC QUALIFICATIONS

Bachelor of Science, Anthropology, 1995
Tulane University, New Orleans, Louisiana

PRESENTATIONS AT PROFESSIONAL MEETINGS

2006 - Keeping it in the Family, a presentation given at the Promega 17th Annual International Symposium on Human Identification during the interesting case session in Nashville, Tennessee

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2005 - Team of Forensic Experts Aid Investigations Through Expeditious Recognition, Collection and Analysis of DNA Evidence, a poster presented at the Promega 16th Annual International Symposium on Human Identification in Grapevine, Texas

2003 - DNA instructor in shooting workshop given at the North Eastern Association of Forensic Scientists annual meeting in Pittsfield, Massachusetts

1999 - The History of Forensic Serology, a poster presented at the annual North Eastern Association of Forensic Scientists meeting in Hyannis, Massachusetts

SPECIALIZED TRAINING (DNA)

Courtroom Statistics
Bode Advanced DNA Technology Workshop
Duck Key, Florida May 2004 - 4 hours

Forensic Serology, University of Florida
On-line, fall semester, 2004

Statistics
Given by George Carmody of the RCMP, hosted by the New Hampshire State Crime Laboratory
New Hampshire, November 2001 - 3 days

Capillary Electrophoresis Trouble Shooting
South Western Association of Forensic Scientists
San Antonio, Texas, November 2001 - 4 hours

Casework Guidelines and Complex Mixture Interpretation
Promega 11th Annual International Symposium on Human Identification
Biloxi, Mississippi, October 2000 - 8 hours

Interpretation of DNA Evidence in Casework
Royal Canadian Mounted Police
Ottawa, Canada, June 2000 - 4 days

Population Genetics
Massachusetts State Police Crime Laboratory
Sudbury, Massachusetts, February 1999 - 20 hours

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Introduction to Forensic DNA

On line course given by Keith Inman and Norah Rudin, PhD, of the University of California

September – November 1998, 8 weeks

Graduate classes in Biochemistry I, II, Analytical Biochemistry and Biochemical Mechanisms

University of Massachusetts

Lowell, Massachusetts, 1998 - 2004

Graduate course in Recombinant DNA

Worcester State College

Worcester, Massachusetts, 1996 - 1997

Graduate Course in Forensic Chemistry

Fitchburg State College

Fitchburg, Massachusetts, spring semester 1996

SPECIALIZED TRAINING (OTHER)

Advanced Blood Spatter Interpretation

Given by Tom Bevel, hosted by the Massachusetts State Police Crime Laboratory
Boylston, Massachusetts, December 2003 – 5 days

Advances in Forensic Anthropology

University of New Orleans

New Orleans, Louisiana, June 1999 – 6 days

Death Scene Archaeology

Mercyhurst College

Erie, Pennsylvania, May 1999 – 6 days

Advanced Criminal Investigative Analysis

Massachusetts State Police Academy

New Braintree, Massachusetts, August 1998 – 16 hours

Stress and the Investigator of Violent Crime

Massachusetts State Police Academy

New Braintree, Massachusetts, August 1998 – 8 hours

Basic Criminal Investigative Analysis

Massachusetts State Police Academy

New Braintree, Massachusetts, August 1998 – 8 hours

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SEM Gun Shot Residue Analysis Demonstration
Andover, Massachusetts, July 1998 – 8 hours

Basic Blood Spatter Pattern Analysis
Given by Bob Henderson, hosted by the Massachusetts State Police Academy
New Braintree, Massachusetts, March 1998 – 5 days