

CURRICULUM VITAE

Meghan E. Clement

Laboratory Corporation of America
1912 Alexander Drive
Research Triangle Park, NC 27709

EDUCATION:

- 1985 Master of Science, Forensic Science**
University of New Haven, West Haven, Connecticut
Honors: Graduate Fellow, 1984
- 1983 Bachelor of Science, Biology**
Westfield State College, Westfield, Massachusetts
Graduated Cum Laude

PROFESSIONAL EXPERIENCE:

TECHNICAL DIRECTOR, FORENSIC IDENTITY May 2000- Present
Laboratory Corporation of America
Research Triangle Park, North Carolina

Responsibilities: Manage the daily responsibilities of laboratory personnel and flow of casework, as well as implementation of new tests, participate in analysis of casework and interpret results of DNA analysis, prepare reports, provide expert testimony, direct and coordinate marketing and sales functions.

ASSOCIATE DIRECTOR, FORENSIC IDENTITY Aug. 1998- May 2000
Laboratory Corporation of America
Research Triangle Park, North Carolina

Responsibilities: Direct and participate in the DNA analysis of samples submitted to the laboratory, prepare reports of results and provide expert testimony, supervise and direct laboratory technologists and lab clerk positions, direct and coordinate marketing and sales functions.

ASSISTANT DIRECTOR, FORENSIC IDENTITY Nov. 1994- Aug. 1998
Laboratory Corporation of America (formerly Roche Biomedical Laboratories)
Research Triangle Park, North Carolina

Responsibilities: Conduct forensic DNA analysis on biological samples using both RFLP and PCR techniques, oversee and direct the laboratory technologists in the production of forensic DNA casework, prepare reports of results and provide expert testimony, assist in laboratory operations to ensure timely handling of cases and QA/QC measures, assist in the marketing and sales aspects of the Forensic Identity department.

PROFESSIONAL EXPERIENCE (cont.):

FORENSIC BIOLOGIST March 1991 - Nov. 1994

Tarrant County Medical Examiner's Office
Fort Worth, Texas

Responsibilities: Forensic analysis of biological samples using traditional serological techniques as well as RFLP DNA profiling, conduct research and validation of new techniques in the forensic biology field, provide expert testimony, provide training to officer's in various law enforcement agencies concerning the collection and preservation of evidence, crime scene investigation.

SENIOR CRIMINALIST March 1985 - March 1991

City of Albuquerque, Police Department, Criminalistics
Albuquerque, New Mexico

Responsibilities: Assisted in implementing a DNA section including setting up quality control measures and population data bases, as well as performing validation studies, traditional serological analysis, blood/breath alcohol concentration analysis, provide expert testimony, crime scene investigation, train new personnel, officers and detectives.

TEACHING ASSISTANT, FORENSIC SCIENCE Sept. 1984- Mar. 1985

University of New Haven, West Haven, Connecticut

Responsibilities: Assist in teaching serological techniques to graduate students in the Criminalistics laboratories, assist in research projects being conducted.

TEACHING ASSISTANT, BIOLOGY Sept. 1983 - Sept. 1984

University of New Haven, West Haven, Connecticut

Responsibilities: Set up and assist in teaching various biology laboratories to undergraduate students.

FORENSIC SCIENCE INTERNSHIP August 1984

New Mexico State Police Crime Laboratory,
Santa Fe, New Mexico

Observed and participated in case analysis under the supervision of New Mexico State Police forensic analysts in the serology, trace, drugs and firearms sections.

SPECIALIZED SCHOOLS AND TRAINING:

ASCLD/LAB-International ASSESSOR TRAINING COURSE

Houston, TX

January 9-13, 2006

DNA AUDITOR TRAINING

FBI Academy, Quantico, VA
April 7-8, 2004

ASCLD-LAB INSPECTOR TRAINING
Raleigh, NC
April 7-9, 2003

SPECIALIZED SCHOOLS AND TRAINING (cont.):

FORENSIC AMPLITYPE PM + HLA DQA1 PCR WORKSHOP
Perkin-Elmer Training Dept., Foster City, CA
March 1995

ADVANCED FORENSIC DNA TYPING SCHOOL
FBI Academy, Quantico, Virginia
June 1991

VISITING SCIENTIST PROGRAM
FBI Academy, Quantico, Virginia
March 1990 - June 1990

Assisted in numerous DNA research projects being conducted by the FBI Research and Training Center including data base compilation, ethidium bromide use in DNA analysis, quantitation of human DNA using slot blot techniques, effect of glycerol concentration on DNA, studies on possible ladders for amplified RFLP's (Amp-FLP's), and population data base compilation of Amp-Flp MCT118.

FORENSIC APPLICATIONS OF DNA TYPING
FBI Academy, Quantico, Virginia
December 1989

MOLECULAR GENETICS AND FORENSIC SCIENCE
University of New Mexico, Albuquerque, New Mexico
Fall 1988

INSTRUMENTAL ANALYSIS OF PAINTS
FBI Academy, Quantico, Virginia
June 1988

DNA POLYMORPHISM AND DNA TYPING COURSE/WORKSHOP
University of New Haven, West Haven, Connecticut
May 1988

FORENSIC SEROLOGICAL APPLICATIONS OF ISOELECTRIC FOCUSING
University of New Haven, West Haven, Connecticut
May 1987

SUPERVISION OF BREATH TESTS FOR INTOXICATION PROGRAMS
University of Indiana, Bloomington, Indiana
May 1986

PUBLICATIONS AND ORAL PRESENTATIONS:

Budowle, B., Monson, K., Anoe, K.S., Baechtel, S., Bergman, D.L., Buel, E., Campbell, P.A., Clement, M.E. et al (1991) A Preliminary Report on Binned General Population Data on Six VNTR Loci in Caucasians, Blacks and Hispanics from the United States. Crime Lab Digest 18:9-26.

PUBLICATIONS AND ORAL PRESENTATIONS (cont.):

Validation of Multiplex STR Profiling Systems for Forensic Casework Specimens
American Academy of Forensic Sciences, Feb. 1998

Developing a DNA Laboratory on a Shoestring Budget
Southwestern Association of Forensic Scientists, Spring Meeting 1991

PROFESSIONAL AFFILIATIONS:

American Academy of Forensic Sciences, Member

Southwestern Association of Forensic Scientists, Member

Northeastern Association of Forensic Scientists, Associate Member