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Curriculum Vitae  
of  
Sherry Culhane

MANITOWOC COUNTY  
STATE OF WISCONSIN  
**FILED**

DEC 6 2005

**CLERK OF CIRCUIT COURT**

Wisconsin Department of Justice  
Crime Laboratory-Madison  
4706 University Avenue  
Madison, Wisconsin 53705-2157

Current Position: Technical Leader – DNA Unit (3/97 – present)  
Forensic Scientist – (Forensic Serology 1984 – present)

Principal Duties: Examination of physical evidence for the presence of possible biological stains; primarily blood, semen and saliva. Identification and genetic individualization of these stains, utilizing chemical and immunological methods as well as STR/DNA typing methods. Comparison and interpretation of all typing results from known samples (standards) and unknown case samples. Microscopic hair examinations and comparisons of standard hair samples.

Preparation of technical reports based on results of the above listed scientific analyses and presentation of expert testimony in Courts of Law. Participation in technical case review of completed cases.

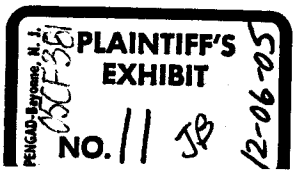
Develop and maintain Quality Assurance program for DNA Unit. Provide in-house training for entry level analysts as well as existing analysts. Direct case assignments and general case flow of DNA Unit. Work closely with the Supervisor to ensure the continued quality of the analyses performed and development of new techniques in the DNA Unit.

Oral presentations to peers and outside agencies regarding new technologies as well as assisting in the understanding of current DNA theory.

Participate in the coordination of Policy among the three Laboratories in the Wisconsin System.

Participate in the planning, purchasing and implementation of new as well as replacement of existing equipment.

Education: Millsaps College  
Jackson, MS 1976



Mississippi College  
Clinton, MS  
Bachelor of Science, 1978  
Major: Biological Science

EXPERIENCE: Jefferson Parish Sheriff's Office Crime Lab  
3300 Metairie Road  
Metairie, Louisiana 70001  
Forensic Analyst: 3 years

Further Training: Serology and Hair Comparison Training. New Orleans City Crime Laboratory

Semen and Body Fluid Analysis Training. Training conducted at the Crime Laboratory in Shreveport, Louisiana by Brian Wraxall, Serological Research Institute (SERI), Richmond, California

Biochemical Methods in Bloodstain Analysis. FBI Academy, Quantico, Virginia.

Semen Analysis Seminar. Edward Blake, Forensic Science Associates, Emeryville, California.

Forensic Sciences and Immunogenetics Seminar. Chicago, Illinois.

DNA Analysis Seminar. Geoffrey Hudson, Promega Corporation, Madison, Wisconsin.

DNA Analysis Workshop. John Wayne, Royal Canadian Mounted Police.

DNA Theory and Protocols. Dale Dykes, Bureau of Criminal Apprehension, Forensic Science Lab, St. Paul, Minnesota.

The International Symposium on Human Identification. Sponsored by Promega Corporation, Madison, Wisconsin; November 30 - December 1, 1989 and April 10-12, 1991.

Population Genetics and Statistics for Forensic Biologists (workshop). Sponsored by Midwestern Association of Forensic Scientists; October 10, 1993. (Instructor: Dr. Bruce Weir)

Training Program in DNA typing (DNA Theory and Protocols, Southern Blotting, Autoradiography, Sizing and Interpretation of Autorads, Match Criteria, Application of Population Statistics, Probe Labeling and Hybridization). Instructor: Marie Varriale (Supervisor), Wisconsin

Crime Laboratory. July 10, 1995 - March 1996.

DNA Advisory Board Meeting sponsored by the FBI (Arlington, VA)  
February 1, 1996: CODIS USER'S GROUP MEETING (Arlington, VA)  
February 2, 1996.

CODIS training for Local Operation and System Administrator; Sponsored  
by SYNETICS Corporation Vienna, VA; May 13-16, 1996.

STATISTICS WORKSHOP covering basic concepts in Probability and  
Statistics, Population Substructure and Concepts in Generating, Validating  
and Evaluating Databases: September 16-18, 1996: Scottsdale, AZ

The Seventh International Symposium on Human Identification sponsored  
by PROMEGA Corporation: September 19-21, 1996: Scottsdale, AZ

STR WORKSHOP covering general aspects of STRs and silver staining  
techniques sponsored by PROMEGA Corporation: August 5-6, 1998:  
Madison, WI

Forensic Statistics Workshop sponsored by Wisconsin Department of  
Justice Division of Law Enforcement: presented by Dr. George Carmody:  
February 23-25, 1998

In-house training from Perkin-Elmer on the operation of the 310 Capillary  
Electrophoresis Genetic Analyzer. 6/22 - 23/98.

DNA Report Writing Workshop sponsored by Midwestern Association of  
Forensic Scientists (MAFS) mediated by Dan Bergman, Minnesota BCA  
Crime Laboratory.

Mitochondrial DNA Sequence Analysis in Forensic Casework (Methods  
and Issues). September 29, 1999 (Orlando, FL). Sponsored by  
PROMEGA Corporation

The Tenth International Symposium on Human identification sponsored  
by PROMEGA Corporation: September 29 - October 2, 1999 Orlando,  
FL

Advanced 310 Genetic Analyzer and AmpFISTR™ Training presented by  
PE Biosystems, Catherine Caballero, Human Identification Specialist  
March 07-10, 2000.

Molecular and Cell Biology, University of California Extension, Center  
for Media and Independent Learning, 5/10/2000 thru 10/13/2000

STR Working Group sponsored by PROMEGA corporation, St. Louis, MO, May 2001.

The 12<sup>th</sup> International Symposium on Human Identification sponsored by PROMEGA Corporation: Biloxi, MS September 2001.

Statistical Genetics for Forensic Scientists (Web-based class), North Carolina State University, Dr. Bruce Weir, Fall 2002.

DNA Auditor Class, FBI Laboratory: April 7-8, 2004 Quantico, VA.

The 15<sup>th</sup> International Symposium on Human Identification sponsored by PROMEGA Corporation: October 4-7<sup>th</sup> Phoenix, AZ

Y-STR workshop: Practical considerations and Interpretation Issues, sponsored by PROMEGA October 7, 2004

Professional  
Affiliations:

Midwestern Association of Forensic Scientists (MAFS)

Louisiana Association of Forensic Scientists (LAFS - previously)