

STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

Name of Lab: NCSBI Crime Laboratory (Raleigh)

Date: December 6, 2002

Name: Amanda L. Fox
Job Title: Forensic Molecular Geneticist I

Discipline(s): Indicate all areas in which you do casework.

Controlled Substances

DNA Database Unit

Toxicology

Firearms/Toolmarks

Trace Evidence

Questioned Documents

Serology

Latent Prints

Education: List all higher academic institutions attended.

Institution	Dates Attended	Major	Degree Completed
University of North Carolina at Chapel Hill	08/1997 - 05/2001	Clinical Laboratory Science	B.S.

Molecular Biology and Genetics (BIOL050 006), BA CPT STAT/DA (STAT011 005), Biochemistry (CLSC051 001)
Molecular Biology - Molecular (CLSC 073)

Other Training: List continuing education, workshops, in-service and other formal training received.

Advanced Genetics (GN 513), North Carolina State University Fall 2002

Basic Law Enforcement Training, Wake Technical Community January-June 2003 (602 hrs)

Courtroom Experience: List the discipline(s) in which you have qualified to testify as an expert witness and indicate over what period of time and approximately how many times you have testified in each.

Will not be testifying until completion of training program for forensic case work

Professional Affiliations: List any professional organizations of which you are or have been a member. Indicate any offices or other positions held and the date(s) of these activities.

Medical Technologist Certification received from the American Society of Clinical Pathologists (214097) - September 2001

Employment History: List all scientific or technical positions held, particularly those related to forensic science. List current position first. Give a brief summary of principal duties and tenure in each position.

Job Title:	Forensic Molecular Geneticist I	Employer:	NCSBI Crime Laboratory
Principle Duties: Complete SBI academy and forensic DNA training, Extract DNA from various types of evidence using approved methods, Quantitate DNA, Amplify DNA, Perform electrophoresis on amplified samples, Analyze gel scans, Achieve 100% accuracy in all analysis, Be an effective witness in courtroom testimony, Keep clear, organized notes, Document chain of custody			
Technologies used: PCR			
		Tenure:	January 2003-present

Job Title:	DNA Database Analyst I	Employer:	NCSBI Crime Laboratory
Principal Duties: Receipt and analysis of blood samples from convicted felons, Use of the CODIS system, Maintaining documentation of chain of custody and lab records, Maintaining professional standards through training, Communication with public officials			
Technologies used: PCR			
		Tenure:	January 2002 - December 2002

Job Title:	Medical Technologist	Employer:	Duke University Medical Center
Principal Duties: Processing of umbilical cord blood for storage in the Carolina=s Cord Blood Bank, Cryopreservation of cord blood units, Performing human progenitor cell assays to determine specific cell populations present in each unit, Staining cord blood samples for flow cytometry analysis, Thawing of cord blood units to be used for transplant, Quality control for automated instruments used			
		Tenure:	June 2001 - January 2002

Job Title:	Medical Laboratory Technician	Employer:	Duke University Medical Center
Principal Duties: Sign-in / release of blood products, Preparation of fresh frozen plasma and cryoprecipitate, Communication with physicians and nurses			
		Tenure:	January 2001 - May 2001

Job Title:	Physician=s Office Laboratory Intern	Employer:	UNC Family Practice Center
Principal Duties: Phlebotomy, Urinalysis (chemical and microscopic), Making and staining blood smears, Data entry, Quality control and calibration of instruments, Performing various laboratory tests including the following: rapid strep, Helicobacter pylori, Chlamydia, HCG, prothrombin time, glucose finger stick, CBC, manual differential, hematocrit, mono spot, hemoglobin A1C, vaginalysis, GC culture, microalbumin, and erythrocyte sedimentation rate			
		Tenure:	February - December 2000

Other Qualifications: List below and scientific publication and/or presentation you have authored or co-authored, research in which you are or have been involved, academic or other teaching positions you have held, and any other information which you consider relevant to your qualification as a forensic scientist. (Use additional sheets if necessary)

Intern, Molecular Genetics Section, NCSBI, May - August 2000. Prepared blood stains from liquid blood samples of convicted felons, entered identifying information from samples into computer database, prepared reagents and electrophoresis gels, and analyzed DNA from stains using PCR and gel electrophoresis.