

STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

Name of Lab: NCSBI Crime Laboratory (Raleigh)

Date: 7/18/03

Name: Chuc k McCl ellan d
Job Title: SA Forensic Chemist III

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

☐ Controlled Substances (MJ)

☐ DNA

☐ Toxicology

☐ Firearms/Toolmarks

☒ Trace Evidence

☐ Questioned Documents

☐ Serology

☐ Latent Prints

Education: List all higher academic institutions attended.

Institution	Dates Attended	Major	Degree Completed
Troy State University	9/80 - 5/84	Crim. Just. Minor Chem.	BS
University of Alabama at Birmingham	8-84- 5/86	Forensic Science	MSFS

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

See Attached SBI Transcript

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.

Drugs (MJ) (6)
GUN SHOT RESIDUE (over 125)
Arson (over 50)
Physical Match (a couple)

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.

SAFS
AAFS
AREMS
NCIAAI

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: SA Forensic Chemist III Employer: NCSBI Crime Laboratory

Principal Duties: The forensic chemist conducts independent detailed microscopic and instrumental analysis on evidence involved in criminal investigations concerning the identification and comparison of incendiaries, accelerant identification from fire debris, gunshot residue analysis, comparisons of lubricants in sexual abuse cases, physical match cases and unknown identifications. The results of these examinations are then incorporated into a report that expresses the opinion of the chemist based on his education, training, and experience in the particular area of interest. This position requires the chemist to be able to operate on a routine basis the Scanning Electron Microscope, the Gas Chromatograph/ Mass Spectrometer and also be the primary operator of the Graphite Furnace Atomic Absorption Spectrophotometer and the Scanning Electron Microscope/ EDAX.

Tenure: 17years

Job Title: _____ Employer: _____

Tenure: _____

Job Title: _____ Employer: _____

Tenure: _____

Job Title: _____ Employer: _____

Principal Duties: _____

Tenure: _____

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)

PUBLICATIONS

AND

PAPERS:

McClelland, C. F. and Creasy, M. L.

“Quantitative Comparison of Barium, Antimony and Lead in Gunshot Residues and Handwipings of People with Various Occupations”

Presented at the 41st Annual Meeting of The American Academy of Forensic Sciences Las Vegas, NV February, 1989

Ford, L. C. and McClelland C. F.

“Statistical Data on the Examination of Arson Evidence in North Carolina From 1986 Thru 1988”

Presented at the 41st Annual Meeting The American Academy of Forensic Science Las Vegas, NV February, 1989

McClelland, C. F. and Ford L. C.

“Training Guidelines Manual for the Analysis of Arson Evidence”

North Carolina State Bureau of Investigation Crime Laboratory
Trace Evidence Section September, 1987

HONORS

AND

AWARDS

North Carolina Advanced Law Enforcement Certificate 1994

Outstanding Graduate Student in the Forensic Science program
The University of Alabama at Birmingham
1985-1986

Scholarship Recipient

McCrone Research Institute
1985