

# STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

**Name of Lab:** NCSBI Crime Laboratory (Raleigh) **Date:** December 18, 2002

**Name:** Christopher Adam Tanner **Job Title:** Forensic Firearms Analyst Trainee

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

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Controlled Substances

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DNA

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Toxicology

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Firearms/Toolmarks

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Trace Evidence

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Questioned Documents

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Serology

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Latent Prints

**Education:** List all higher academic institutions attended.

Institution	Dates Attended	Major	Degree Completed
Nash Community College	Spring 95-Spring 97	College Transfer	AA
NC Wesleyan College	Spring 98-Fall 99	Justice Studies	BA

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

Basic Law Enforcement Training (BLET)  
30<sup>th</sup> Special Agent Academy  
Glock Armorers Course  
Sigarms Armorers Course  
Juvenile Justice Minority Sensitivity Training  
EMT-Basic course through Wake Tech. Comm. College  
Organic Chemistry I and II through NC State University  
Police Law Institute (PLI)

**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.

N/A

**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.

N/A

**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 Analyst Trainee

Employer: NC State Bureau of  
Investigation

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Principal Duties: To study the course work and pass competency tests to become a Forensic Firearm Analyst I. The course study involves determining if a particular ammunition component was fired by a specific weapon, examining and comparing fired bullets, shotgun shells, and cartridge cases to determine if they were fired by the same weapon., conducting gunshot residue patterns and shotgun pellet patterns, studying ammunition and ammunition components, as well as firearms and firearm parts, for their function, safety, alterations, modifications, obliterated serial numbers and other firearm identifying marks. Forensic Firearm Analyst Trainees learn to conduct specialized crime scene searches and reconstruct crime scenes.

Tenure: August 4, 2001 - Present

Job Title: IBIS Operator

Employer: NC State Bureau of  
Investigation

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Principal Duties: To enter fired firearms evidence and components into the Integrated Ballistics Identification System (IBIS), an automated bullet and cartridge case image analysis system and instruct the system to conduct comparisons of this fired firearms evidence against the systems database. Interpret the results of these correlations and relay these interpretations of the Firearm Analysts.

Tenure: May 15, 2000 - August 4,  
2001

## STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

Name of Lab: NCSBI Crime Laboratory (Raleigh)

Date: December 18, 2002

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Name: Beth A. Starosta-Desmond

Job Title: Forensic Firearms Analyst Trainee

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

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Controlled Substances

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DNA

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Toxicology

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Firearms/Toolmarks

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☐ Trace Evidence

☐ Questioned Documents

☐ Serology

☐ Latent Prints

**Education:** List all higher academic institutions attended.

Institution	Dates Attended	Major	Degree Completed
The Juilliard School	1983-1986	Dance	B.F.A.
John Jay College of Criminal Justice	1995-2000	Forensic Science	B.S.

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

Integrated Ballistics Identification System class (Largo, FL)  
Population Statistics (certification)

**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.

None.

**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.

Northeast Association of Forensic Scientists (NEAFS) - member

**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 Firearms Analyst Trainee      Employer: NCSBI

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Principal Duties: Study/pass series of competency tests involving firearms from History, ammunition, safety, mechanics, microscopy and chemical tests.

Tenure: 2 months

Job Title: IBIS Operator      Employer: NCSBI

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Principal Duties: Enter test-fired and evidence bullets / Cartridge cases into database, Receive IBIS gun cases in order to examine, fire, determine microscopic detail for entry into the IBIS system which also includes writing of notes and reports.

Tenure: 1 Year

Job Title: DNA Technician      Employer: Westchester Co. Forensic Laboratory

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**Principal Duties:** Performed chemical tests on physiological fluids and stains. Examined evidence and prepared samples for STR/PCR analysis via extractions, Quantiblots and amplifications. Maintained 310 Genetic analyzer Instrumentation and performed diagnostics. Quality assurance/Quality control. Contributed to suspect database thru CODIS. Prepared solutions and placed chemical orders and inventories.

Tenure: 2 Years

Job Title: Trace Evidence Technician

Employer: Westchester Co. Forensic Laboratory

**Principal Duties:** QA/QC of visual microspectrophotometer, FTIR and Polarized light microscope. Assisted with handling, collection, and analyses of evidence. Intensified training with fiber analysis using the polarized light microscope. Assisted with validations using NIST standards.

Tenure: 1 Year

## STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

**Name of Lab:** NCSBI Crime Laboratory (Raleigh)

**Date:** 12/18/2002

**Name:** Douglas M. Branch

**Job Title:** Special Agent in Charge

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

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Controlled Substances

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DNA

☐

Toxicology

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Firearms/Tool Marks

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Trace Evidence

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Questioned Documents

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Serology

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Latent Prints

**Education:** List all higher academic institutions attended.

Institution

Dates Attended

Major

Degree Complete

Campbell College

8/70-5/74

Business

BBA

NC State University

9/97-11/97

Police Management AOMP

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

See Attached SBI Training 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.

1974 - Present: approximately 400 times in all of North Carolina=s counties in addition to all Federal and Military Courts in North Carolina.

**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.

AFTE - Distinguished Life Member: Scientific Advancement Committee, Finance Committee, Chairman 1993 Training Seminar, Proficiency Test Committee  
IBIS/IUG - Vice Chairperson

**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: Special Agent in Charge

Employer: NC State Bureau of Investigation

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Principal Duties: Section head of Firearm and Tool Mark Section

Tenure: November 1984 - Present

Job Title: Forensic Firearms Analyst

Employer: NC State Bureau of Investigation

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Principal Duties: Position consists mainly of microscopic examination and comparison of fired ammunition components in an effort to determine if they were fired from a particular firearm. Other determinations include, but are not limited to: firearms functionality, gunshot residue, serial number restoration, and crime scene reconstructions.

Tenure: 1974-1984

## STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

Name of Lab: NCSBI Crime Laboratory (Raleigh)

Date: July 22, 2003

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**Name:** Jessica Rosenberry

**Job Title:** Forensic Firearms Analyst Trainee

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

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Controlled Substances

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DNA

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Toxicology

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Firearms/Toolmarks

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Trace Evidence

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Questioned Documents

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Serology

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Latent Prints

**Education:** List all higher academic institutions attended.

Institution	Dates Attended	Major	Degree Completed
University of North Carolina	1996-2000	Biology, Psychology	B.A. (2)
Virginia Commonwealth University	2001-2002	Forensic Science	M.S.

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

Use of Force Workshop, Cary Police Department, January 2003

**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.

None.

**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.

None.

**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 Firearms Analyst Trainee **Employer:** NCSBI

**Principal Duties:** Study/pass series of competency tests involving firearms from History, ammunition, safety, mechanics, microscopy and chemical tests.

**Tenure:** 5 months

Job Title: Laboratory Technician

Employer: VCU Physiology Department

Principal Duties: Prepare lab for daily experiment, prepare chemical baths and solutions, maintain grant balances, order and stock supplies.

Tenure: ~8 months

## STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

Name of Lab: NCSBI Crime Laboratory (Raleigh)

Date: 12/12/2002

Name: Neal J. Morin

Job Title: Firearms Examiner

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

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Controlled Substances

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DNA

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Toxicology

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Firearms/Tool Marks

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Trace Evidence

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Questioned Documents

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Serology

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Latent Prints

**Education:** List all higher academic institutions attended.

Institution

Dates Attended

Major

Degree Complete

Mich. Tech. Univ.

9/77-5/79

Computer Science

No

Northeastern Ill. Univ.

9/79-5/85

Computer Science

Yes

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

ATF Serial Number Restoration	8/01	ATF Serial Number Restoration Class
SBI Academy	8/00-10/00	SBI Agent Academy
NC BLET	1/00-4/00	North Carolina Basic Law Enforcement
Armorer courses	4/99-2/02	Armorer courses in SigArms, Remington, Colt, H&K and Glock
Johnston Community College	2/95-3/96	24 core credit hrs. In Law Enforcement Tech.
SCI Correspondence Course	8/86-2/87	Gun-Pro gunsmithing course
NRA Training	8/95	Basic Pistol Firearms Instructor

See Attached SBI Training 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.

Firearms Examination - March 2002 to December 2002 - Testified as an expert eight (8) times

**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.

IBIS- International Users Group

AFTE - Association of Firearms and Tool Mark Examiners

**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: Firearms Examiner Employer: N. C. S. B. I.

Principal Duties: Analysis of forensic firearms evidence; testify about that analysis in court

Tenure: 3 yrs. (12/99-present)

Job Title: IBIS Operator Employer: N. C. S. B. I.

Principal Duties: Enter evidence and test bullets and cartridge cases into the IBIS system.

Tenure: 1.5 yrs. (6/98-12/99)

Job Title: Technical Resolution Mgr. Employer: IBM Corp.



Principal Duties: Handle Technical customer situations that had not been resolved through the normal support structure.

Tenure: 17 yrs. (8/81-6/98)

## STATEMENT OF QUALIFICATIONS

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**Name of Lab:** NCSBI Crime Laboratory (Raleigh) **Date:** 12/18/2002

**Name:** Peter D. Ware **Job Title:** Forensic Firearms Analyst II

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

☐ Controlled Substances

☐ DNA

☐ Toxicology

☒ Firearms/Tool Marks

☐ Trace Evidence

☐ Questioned Documents

☐ Serology

☐ Latent Prints

**Education:** List all higher academic institutions attended.

Institution	Dates Attended	Major	Degree Complete
Glenville State College	9/81-5/85	Business Administration	BS

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

See Attached SBI Training 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.

Forensic Firearms and Tool Marks - January 1992 to Present - Over 50 times.

**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.

**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 Firearms Analyst  
(Special Agent)

Employer: NC State Bureau of  
Investigation

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Principal Duties: Position consists mainly of microscopic examination and comparison of fired ammunition components in an effort to determine if they were fired from a particular firearm. Other determinations include, but are not limited to: firearms functionality, gunshot residue, serial number restoration, and crime scene reconstructions.

Tenure: 12 years

Job Title: Physical Science Technician

Employer: FBI (Explosives Unit)

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Principal Duties: Assist examiner in examination of bombing crime scene evidence, preparation of reports, and preparation and instruction of the explosive related schools at the FBI Academy.

Tenure: 3 years

## STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

**Name of Lab:** NC SBI Crime Laboratory (Raleigh)

**Date:** April 8, 2003

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**Name:** Brian Scott Jones

**Job Title:** Special Agent

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

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Controlled Substances

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DNA

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Toxicology

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Firearms/Toolmarks

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Trace Evidence

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Questioned Documents

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Serology



Latent Prints

**Education:** List all higher academic institutions attended.

Institution	Dates Attended	Major	Degree Completed
Louisburg College	9/86-5/88	Pre-Engineering	A.S.
NC State University	1/92-5/94	Biochemistry	B.S.

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

(See Attached 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.

Forensic Firearm=s Identification: Testified 21 times (July, 1999 to present).

**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.

Member of the Association of Firearm and Toolmark Examiners (AFTE).

Brian Scott Jones

**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: Firearm and Toolmark  
Analyst IEmployer: NC State Bureau of  
Investigation

Principal Duties: Position consists mainly of microscopic examination and comparison of fired ammunition components in an effort to determine if they were fired by a particular firearm. Other determinations include, but are not limited to: firearms functionality, gunshot residue, serial number restoration, and crime scene reconstructions. Collateral duties: Section Safety Officer

\* Additional Duty: Microscopic examination and chemical testing of plant material in order to determine whether or not marijuana is present.

Tenure: April, 1996 to Present

(\*January, 2000 - March,  
2001)

Job Title: Analytical Chemist

Employer: Southern Testing &  
Research Laboratories, Inc.  
Wilson, NC

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Principal Duties: Perform advanced level chemical analyses on pharmaceutical raw materials and finished products using HPLC, GC, AAS/ICP, and UV/IR from established testing methods. Related method development/validation projects. All work requiring complete documentation and subject to FDA audit.

Tenure: May, 1994 - April, 1996

Job Title: Police Officer

Employer: Wilson Police Department  
Wilson, NC

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Principal Duties: Enforcement of state and local laws. Routinely involved making physical arrests, issuance of citations, investigation of criminal occurrences and motor vehicle accidents, report writing, follow-up investigations, and testifying in court.

Tenure: January, 1989 - January,  
1991

## STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

**Name of Lab:** NCSBI Crime Laboratory (Raleigh) **Date:** July 28, 2003

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**Name:** Shane Dale Greene **Job Title:** Special Agent  
(Forensic Firearms Analyst

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

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Controlled Substances

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DNA

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Toxicology

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Firearms/Tool marks

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Trace Evidence

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Questioned Documents

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Serology

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Latent Prints

**Education:** List all higher academic institutions attended.

Institution	Dates Attended	Major	Degree Completed
Univ. of N.C. at Chapel Hill	1993 - 1997	Psychology	Yes
Marshall University	1999 - 2000	Forensic Sciences	No

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

"Biological Warfare and Terrorism" Conference (October 1999)  
 Completed 19 hrs of lecture for Death Investigation: A Training Course (March 2000)  
 Two (2) day Emergency Response to Terrorism: Basic Response Course (May 2000)  
 AFTE Training Seminar and Conference (June 2000)  
 Four (4) hour Remington Armorer's course for 870 shotgun at 2000 AFTE Conference (June 2000)  
 Three (3) day Bureau of Alcohol, Tobacco and Firearms Serial Number Restoration Class (June 2000)  
 International Association of Identification Conference (July 2000)  
 Six (6) month Internship with Kentucky State Police Eastern Region Firearms Section (2002)  
 North Carolina Basic Law Enforcement Training (August to December 2001)  
 Completed NCSBI Firearms and Tool Mark Section Training Program (2002)  
 Glock Armorer Certification (February 2002)  
 SigArms Armorer Certification (March 2002)  
 Police Law Institute (May 2002)  
 North Carolina State Bureau of Investigation Special Agent Academy (May to August 2002)

**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.

Forensic Firearms Identification - Two times

**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.

International Association of Identification

Applying for membership with Association of Firearm and Tool Mark Examiners

**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 Firearms Examiner Employer: NCSBI

Principal Duties: Analysis of forensic firearms evidence and testify about analysis in court

Tenure: 2 Years (Jan, 2001 to current)

Job Title: Graduate Research Assistant Employer: Marshall Univ. School of Medicine

Principal Duties: Conduct DNA Sequencing on a daily basis using the Licor automated system, and other general laboratory duties.

Tenure: 1 Yr 5 Mos (August, 1999 to Jan, 2002)

Job Title: Research Technician Employer: Univ. of N. C. at Chapel Hill

Principal Duties: Performed molecular biology techniques in order to express proteins and viruses with a Baculovirus Expression System. Performed molecular biology techniques in order to test patients for possible genetic mutations in BRCA1 gene. Train and supervise new technicians. Performed laboratory tasks such as Polymerase Chain Reactions; DNA Sequencing (using di-deoxy terminator sequencing reaction and Perkin Elmer Applied Biosystems 377 DNA Sequencer. Performed oligonucleotide synthesis (using PE-ABI 394 DNA-RNA Synthesizer. Responsibilities also include ordering supplies, data entry, and general lab activities in the Nucleic Acids Core Facility at UNC-CH. Acted as computer specialist for lab.

Tenure: 1 Yr 9Mos (May, 1997 to Jan, 1999)

## STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

Name of Lab: NCSBI Crime Laboratory (Raleigh) Date: July 21, 2003

Name: Stephanie A. Barnhouse Job Title: IBIS Technician

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

☐ Controlled Substances

☐ DNA

☐ Toxicology

☒ Firearms/Toolmarks

☐ Trace Evidence

☐ Questioned Documents

☐ Serology

☐ Latent Prints

**Education:** List all higher academic institutions attended.

Institution	Dates Attended	Major	Degree Completed
Mary Washington College	08/96 to 05/00	Chemistry	B.S.
VA Commonwealth Univ.	08/00 to 05/02	Criminal Justice: Forensic Science	M.S.

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

Integrated Ballistics Identification System (Largo, FL)

**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.

None.

**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.

None.

**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: IBIS Technician Employer: NCSBI

Principal Duties: Enter test-fired and evidence bullets/cartridge cases into database, Examine firearms submitted for IBIS entry, including test-firing, determining microscopic detail for entry into the IBIS system, and documentation of the examination.

Tenure: 4 Months

Job Title: Forensic Laboratory Specialist III:  
Firearms & Toolmarks Section Employer: VA DFS - Central Laboratory  
Richmond, VA

Principal Duties: Evidence handling/transfer; IBIS and Drugfire entry; Firearm function examinations; maintaining reference collections (ammunition, firearms, and literature); aiding examiners in casework; equipment calibration and maintenance, including documentation;

Tenure: 1 Year, 2 Months

Job Title: Chemist Employer: Primary Laboratories, Inc.  
Richmond, VA

Principal Duties: Analysis of organic and inorganic contaminants in water and soil (environmental chemistry)

Tenure: 1 Year, 9 Months

Job Title: \_\_\_\_\_ Employer: \_\_\_\_\_

Principal Duties: \_\_\_\_\_

Tenure: \_\_\_\_\_

## STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

**Name of Lab:** NCSBI Crime Laboratory (Raleigh) **Date:** December 18, 2002

**Name:** Theresa B. Powell **Job Title:** Forensic Firearms Analyst I

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

☐ Controlled Substances

☐ DNA

☐ 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	8/93-5/97	Biology	BS

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

Basic Law Enforcement training, Special Agent Academy, firearms manufacturers tour, SBI Special Agent in-service, firearms training and qualification, Crime Scene Technology, Glock Armorer School, Sig Arms Armorer School

**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.

Firearms Identification since 10/2001; 2 times

**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.

N/A

**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 Firearms Analyst I Employer: NC State Bureau of Investigation

Principal Duties: Determine if a particular ammunition component was fired by a specific weapon, examine and compare ammunition components recovered at a crime scene to determine if they were fired by the same firearm, use gunshot residue and shotgun pellet patterns to make distance determinations, identify firearms and ammunition components by type, caliber and manufacturer, examine firearms for function, safety, alterations and modifications, restore serial numbers, crime scene searches and reconstructions, provide instruction to law enforcement and criminal justice personnel and testify in court.

Tenure: 2.5 years

**STATEMENT OF QUALIFICATIONS**  
(Use additional sheets if necessary)

Name of Lab: NCSBI Crime Laboratory (Raleigh) Date: 12/18/2002



**Name:** Thomas R. Trochum

**Job Title:** Forensic Firearms Analyst II

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

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Controlled Substances

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DNA

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Toxicology

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Firearms/Tool Marks

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Trace Evidence

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Questioned Documents

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Serology

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Latent Prints

**Education:** List all higher academic institutions attended.

Institution

Dates Attended

Major

Degree Complete

St. Joseph=s University

1/72-6/76

Criminal Justice  
Political Science

BA

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

See Attached SBI Training Transcript

Training before SBI:

Oct. 1986 AFTE Eastern Regional Training Seminar, Philadelphia, PA

Sept. 1987 Armorer=s School, Department of the Army

Oct. 1987 Armorer=s School, Ruger Firearms

July 1988 Armorer=s School, Glock Firearms

May 1989 through July 1989 Structured and tested Gunshot Residue Training with  
the NCSBI (following the FBI Syllabus)

May 1993 AFTE International Training Seminar, Raleigh, NC

**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.

Over 175 times as an expert in Forensic Firearms and Tool Mark Examination.  
States - PA, VA, NC and Federal Courts

**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.

Association of Firearms and Tool Mark Examiners - Life Member

North Carolina Homicide Investigators - Regular Member

North Carolina International Association of Identifiers - Regular Member

**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 Firearms Analyst  
(Special Agent)

Employer: NC State Bureau of  
Investigation

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Principal Duties: Position consists mainly of microscopic examination and comparison of fired ammunition components in an effort to determine if they were fired from a particular firearm. Other determinations include, but are not limited to: firearms functionality, gunshot residue, serial number restoration, and crime scene reconstructions.

Tenure: March 1989 to Present

Job Title: Firearm & Tool Mark  
Examiner (PLAN)

Employer: City of Philadelphia

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Principal Duties: Firearms and tool mark examination to include firearms identification, ammunition identification, firearms function, microscopic comparison of ammunition and tool marks, chemical restoration of serial numbers

Tenure: 1970 to 1989 for City of  
Philadelphia  
(1985 to 1989 as Firearms  
Examiner)