

STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

Name of Lab: NCSBI Crime Laboratory (Raleigh)

Date: July 18, 2003

Name: Mark T. Boodée **Job Title:** Forensic Molecular Geneticist III

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 Virginia	1982-1986	Biology	B.A.
George Washington Univ.	1986-1989	Forensic Science	M.F.S.

COURSE WORK FOR DNA:

Biochemistry 501- Univ. Of Virginia, Biochemistry 561 - NC State University
Genetics 422 - Univ. Of Virginia
Molecular Biology/Genetics 501, 502, 561 - NC State Univ.
Molecular Biology - FBI DNA school and Advanced school - offered thru Univ. Of Virginia (6 semester hours of credit)
Statistics 112 - Univ. Of Virginia,
Population Genetics for Forensic Scientists - NCSU seminar with Bruce Weir

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

See Attached SBI Transcript

Management Trg. - Supervisory Development Program - Office of State Personnel
- Administrative Officers Management Program - NC State Univ. (15 semester hrs.)
- EEO Institute
DNA Auditor Trg. - MAAFS Potomac Group Auditor Training

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 DNA Analysis: 1990-present - Approximately 78 times in 44 counties

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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 Molecular Geneticist III	Employer: NCSBI Crime Laboratory
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Principal Duties: Team Leader for the DNA Unit, Asst. CODIS State Administrator. Perform DNA typing using STR technology on evidentiary samples submitted by the Body Fluid Unit.

Tenure: 1990-present

Job Title: Molecular Biologist	Employer: Cellmark Diagnostics
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Principal Duties: Paternity and forensic analysis of DNA
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Tenure: 1989-1990

Job Title: Special Review Manager	Employer: US Enviornmental Procection Agency
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Principal Duties:Federal regulations of pesticides.

Tenure: 1986-1989

Job Title:	Employer:
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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)

Budzynski, M.J., et al, ACalcium Alginate Swabs®, *Journal of Forensic Sciences*, 37:3 p686

Nelson, M.S., et al, AThe Effects of Ethidium Bromide Agarose Type and DNA Concentration on the Mobility of RFLP=s use in Forensic Science®, *Canadian Journal of Forensic Science* 23:4 p129

Nelson, MS, Benzinger, EA, Budzynski, MJ, Boodee, MT, Matthews, A, Buel, E, Schwartz, MB, von Beroldingen C, Wampler, RL, Coons, TM, Bixby, J, Frank WE, Metzger DA (1996) Validation of probe EFD52 (D17S26) for forensic DNA analysis. *Journal of Forensic Sciences* 41:557-568.