

STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

Name of Lab: NCSBI Crime Laboratory (Raleigh) **Date:** August 14, 2002

Name: Buddy Eugene Early, Jr. **Job Title:** DNA Database Manager

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

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| <input type="checkbox"/> Controlled Substances | <input checked="" type="checkbox"/> DNA Database Unit |
| <input type="checkbox"/> Toxicology | <input type="checkbox"/> Firearms/Toolmarks |
| <input type="checkbox"/> Trace Evidence | <input type="checkbox"/> Questioned Documents |
| <input type="checkbox"/> Serology | <input type="checkbox"/> Latent Prints |

Education: List all higher academic institutions attended.

Institution	Dates Attended	Major	Degree Completed
Campbell University	1988-89	Biology	
UNC- Greensboro	1989-92	Biology	B.A.
NCSU	1997-97	Biochemistry	
NCSU	1999-99	Genetics	

Course work for DNA:

Statistics 108	UNC-Greensboro
Principles of Biotechnology 594W	UNC-Greensboro
Genetics 592	UNC-Greensboro
Biochemistry 451	NCSU
Molecular Genetics 513	NCSU

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

Forensic Analysis by Mitochondrial DNA - Lab Corp - Marsha Eisenburg
Supervisor Training - Guilford Tech/Genetic Design
Codis Training - NCSBI Crime Lab
Rosys Robotic Training- Rosys Anthos, Newark, Delaware
Codis GDIS Training - SAIC , Vienna, Virginia
Supervisory Development Program- Office of State Personnel
Qiagen 2000 Seminar- Qiagen RTP
Basic Law enforcement Training - Wake Tech
SBI Special Agent Training Academy - SBI Training / DOJ Justice Academy

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.

Currently in training to testify.

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: DNA Database Manager Employer: NCSBI Crime Laboratory

Principal Duties: Manage and direct daily activities by employees in the DNA Database Unit. Act as CODIS Manager for the Molecular Genetics Section. Report to SAC of the Section.

Technologies used: PCR/STR multiplexes

Tenure: December 1998 - present

Job Title: DNA Database Analyst Employer: NCSBI Crime Laboratory

Principal Duties: Receipt and analysis of blood samples from convicted felons. Entering results into CODIS system.

Technologies used: RFLP/PCR

Tenure: May, 1997 - December 1998

Job Title: Felon Database Team Leader Employer: Lab Corp of America

Principal Duties: Organize and delegate the receipt and analysis of blood samples from convicted felons. Also provided supervision for the paternity (RFLP) section.

Technologies used: PCR, STR, DQA/Polymarker, RFLP

Tenure: Jan., 1997 - May, 1997

Job Title: Supervisor DNA Employer: Genetic Design, Inc.

Principal Duties: Provided the supervision for receipt and analysis of all special paternity cases which included: Criminal paternity, high profile cases, and unique tissue extractions.

Technologies used: PCR/STR, RFLP

Tenure: Aug., 1994 - Jan., 1997

Job Title: Technologist	Employer: Genetic Design, Inc.
Principal Duties: Use of RFLP and PCR for paternity.	
Tenure: May, 1992 - Aug., 1994	

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)

Eleni N. Levedakou,¹ Ph.D.; David A. Freeman,¹ Ph.D.; Michael J. Budzynski,¹ B.S.; Buddy E. Early,¹ B.S.; Elizabeth Amiot², B.S.; Kevin C. McElfresh³, Ph.D.; James W. Schumm³, Ph.D.; Suzanna R. Ulery³, M.S.; Dayse Silva⁴, M.S.; Amy Jo Townley⁵, B.S.; Anne Pollard⁵, B.S.; Jennifer Lewis⁵, B.S.; Jennifer Gombos⁵, B.S.; Jeff Sailus⁶, B.S.; Jeff D. Ban⁵, B.S.; Cecelia A. Crouse⁴, Ph.D.; and Mark S. Nelson¹, M.S. (2000) Allele Frequencies for Fourteen STR Loci of the PowerPlex™ 1.1 and 2.1 Multiplex Systems and Penta D Locus in Caucasians, African-Americans, Hispanics and Other Populations of the United States of America. *Journal of Forensic Sciences*, in review.

Eleni N. Levedakou,¹ Ph.D.; David A. Freeman,¹ Ph.D.; Michael J. Budzynski,¹ B.S.; Buddy E. Early,¹ B.S.; Amy Jo Townley,² B.S.; Anne Pollard,² B.S.; Jennifer Lewis,² B.S.; Jennifer Gombos,² B.S.; Frank Kist,³ B.S.; Mary Hockensmith,³ B.S.; Michelle Terwillinger,³ B.S.; Elizabeth Amiot⁴, B.S.; Kevin C. McElfresh⁵, Ph.D.; James W. Schumm⁵, Ph.D.; Suzanna R. Ulery⁵, M.S.; Felipe Konotop,⁶ B.S.; Tara Hockenberry,⁶ B.S.; Jeff Sailus⁷, B.S.; Cecelia A. Crouse,⁶ Ph.D.; Christine S. Tomsey,³ M.S.; Jeff D. Ban², B.S.; and Mark S. Nelson,¹ M.S. (2000) Characterization and Validation Studies of PowerPlex™ 2.1, a Nine-Locus Short Tandem Repeat (STR) Multiplex System, and Penta D Monoplex. *Journal of Forensic Sciences*, in press.

Mark S. Nelson¹, M.S.; Eleni N. Levedakou¹ Ph.D.; Janis R. Matthews¹, B.S.; Buddy E. Early¹, B.S.; David A. Freeman¹, Ph.D.; Cynthia A. Kuhn¹, M.S.F.S.; Cynthia J. Sprecher², B.S.; Ashima S. Amin³, B.S.; Kevin C. McElfresh³, Ph.D.; James W. Schumm³, Ph.D (2001) Detection of a Primer- Binding Site Polymorphism for the STR Locus D16S539 Using the PowerPlex⁷ 1.1 System and Validation of a Degenerate Primer to Correct for the Polymorphism, *Journal of Forensic Sciences*, In review.