

# STATEMENT OF QUALIFICATIONS

(Use additional sheets if necessary)

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

**Date:** April 22, 2003

**Name:** David Austin Nichols  
**Job Title:** Special Agent, Forensic Chemist

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

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|--|---|
| <input checked="checked" type="checkbox"/> Controlled Substances | <input type="checkbox"/> DNA                  |
| <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
California Institute of Technology	9/90 - 6/94	Chemistry	B.S.
Columbia University	8/94 - 10/95	Chemistry	M.A.
Columbia University	10/95 - 10/97	Chemistry	M.Phil.

**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.

Forensic Chemist	2-1-2001 to 4-21-03	testified on 25 occasions for state court and 2 occasions for federal court.
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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.

American Chemical Society - 1997 to present  
American Association for the Advancement of Science - 1997 to present

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January 1997

**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, Forensic Chemist	Employer:	NCSBI
Principal Duties:	Chemical analysis of evidence, issuance of laboratory reports, testimony in court		
	Tenure: 9/99 to present		

Job Title:	Instructor	Employer:	UNC-Charlotte
Principal Duties:	Prepare and implement instruction in General Chemistry for science majors.		
	Tenure: 1/98 to 5/98		

Job Title:	Graduate Research & Teaching Assistant	Employer:	Columbia University
Principal Duties:	Perform original research including synthesis and analysis of complex organic molecules. Prepare and implement instruction in general, organic, and laboratory chemistry.		
	Tenure: 9/94 to 10/97		

Job Title:	Undergraduate Research Assistant	Employer:	California Institute of Technology
Principal Duties:	Perform original research including synthesis and analysis of complex organic molecules.		
	Tenure: 1/91 to 6/94		

**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)

Teaching positions noted above.

Publication: Angew. Ch., 1997, On Synthesis of Polymetalohelicenes.

Research: Magnetic behavior of oxidized cross conjugated polyenes.  
Magnetic behavior of oxidized substituted polydecatetraenes.  
Electro-optical properties of helicenes and polyhelicenes.

Synthesis toward antiaromatic cyclopentadienyl cations.  
Synthesis toward antiaromatic cyclopropenyl anions.