

To be considered, your current application form and your responses to this questionnaire must be on file, received, or postmarked by **June 20, 2008**.

**Forensic Scientist
Firearms/Tool Marks Examiner
#64-17945
Nebraska State Patrol
Supplemental Questionnaire**

Name: _____

Social Security #: _____

Each candidate is being required to answer the following questions so that they can be evaluated more fairly for this position. No item on this form is intended to have you provide information that would indicate your race, color, ethnic group, national origin, religion, sex, age, marital status, political persuasion, or any physical or mental disability. **Applicants who need accommodation in the selection process should request this in advance.**

Write out the appropriate responses on this form or attach a separate page. Please note: Failing to provide a description of duties performed to substantiate experience level will result in no score being awarded for that question. Be sure that each answer you give is documented or supported on your application form. Put your name and Social Security number on each sheet you submit. Submit these responses to be placed with your application. Your application for this position will not be complete until your responses to these items are received by:

**Nebraska State Personnel
wrk4neb.dasper@nebraska.gov
301 Centennial Mall South
P. O. Box 94905
Lincoln, NE 68509-4905**

Name: _____

Social Security Number: _____

The Nebraska State Patrol Crime Laboratory System is recruiting to fill a vacant Forensic Scientist position in the Firearms/Tool Marks Section of our Lincoln Crime Laboratory.

Our Department's Crime Laboratory System is accredited by the American Society of Crime Laboratory Directors/Laboratory Accreditation Board and strives to provide the criminal justice system with the highest quality technical assistance in the investigation of criminal matters. This technical assistance involves the analyses of physical evidence, preparation of technical reports of the analyses and competent court testimony.

Laboratory staff also provide training to law enforcement officers and attorneys in evidence handling and collection procedures and crime laboratory capabilities. Our laboratory system is determined to maintain technical proficiency in current scientific methods and to use new technology to improve the quality of forensic work.

Qualifications: Must possess a minimum of a Bachelor's Degree in forensic sciences, chemistry, or a related area. Preferred qualifications: Completion of an internship or research project in a firearms related subject; completion of a training program compatible with AFTE training guidelines; experience in the following: using a comparison microscope, instructing or speaking to groups, computer and digital photography, writing technical or scientific reports. A selected individual not meeting the preferred qualifications will be required to complete a two-year training program, which will require travel out of state for extended time periods.

Responsibilities: Analyze evidence in criminal cases relevant to firearms, tool marks, shoe prints and tire tread examinations. This includes comparison of fired bullets/casings to suspect weapons, using the FBI General Rifling Characteristics File, determining caliber and type of bullet, firearms function testing, restoring obliterated serial numbers, gunshot residue/pattern testing on clothing, IBIS/NIBIN use, shoe print comparisons, tire tread comparisons and fracture matching. Compose objective reports and provide clear court testimony regarding examination results. Read literature and attend relevant training. Provide training when needed.

Salary: \$3,184.13 monthly base salary; consideration will be given for qualifications and experience.

Applicants other than current employees will undergo an intense background check. Felony convictions, certain misdemeanor convictions, history of criminal activity, or maintaining associations with known criminals may result in applicants being eliminated from consideration for appointment.

For information regarding this position contact the Nebraska State Patrol Crime Laboratory, Pam Zilly, at (402) 471-8962.

All interested applicants must submit an application to the State of Nebraska DAS-State Personnel by May 2, 2008. For inquiries, contact the State of Nebraska Personnel Office at (402)471-2075, or email wrk4neb.dasper@nebraska.gov Online applications can be found at <http://www.wrk4neb.org>.

Name: _____

Social Security Number: _____

Supplemental Questionnaire

Attach additional pages if necessary

This packet has all the materials necessary for you to apply for the Forensic Scientist position with the Nebraska State Patrol Crime Laboratory. The packet is designed to inventory relevant education and experience for this position.

Read all instructions throughout the packet before you begin. The packet contains the following materials in sequential order:

PAGE(S)	MATERIALS INCLUDED:	PLEASE RETURN:
1 & 2	Announcement	FYI only
3	Instruction Sheet	FYI only
4 & 5	SECTION 1: Education	Return
5 & 6	SECTION 2: Apprenticeship	Return
6-8	SECTION 3: Training and Experience	Return
*	Include a Copy of your Current Resume and College Transcripts (Please Note: Official Transcripts will be required from those applicants who progress to the Background Investigation phase of this recruitment).	Return

Please keep the following in mind when filling out your application materials:

- **Make your entries clear and legible. No credit will be given for information that cannot be understood.**
- Please keep a photocopy of the completed packet for your future reference.
- **During a later phase of the selection process you may be asked to substantiate any claim that you make in your application materials.**

The top group of candidates advancing in the selection process will be notified about subsequent steps in the process and the dates.

Name: _____

Social Security Number: _____

SECTION 1 – EDUCATION

Section 1 relates to the educational requirements for the Forensic Scientist’s position in the Firearms/Tool Marks Section of the Nebraska State Patrol Crime Laboratory. To qualify for consideration for this position you must have the qualifications outlined below. After you have decided that you have the minimum educational qualifications for this position, complete Section 1 and proceed to Section 2.

- I have completed at least a four-year degree in forensic science, criminal justice or a related area with science courses.

Four Year Degree Program and Major:
Month and Year Completed:
Institution:
Science Courses Completed:
Internship Completed as part of this program: Length of Internship: Location of Internship: Summary of Internship:

Graduate Degree Program and Major:
Month and Year Completed:

Name: _____

Social Security Number: _____

Institution:
Science Courses Completed:
Internship Completed as part of this program: Length of Internship: Location of Internship: Summary of Internship:

SECTION 2- APPRENTICESHIP FIREARMS/TOOL MARKS TRAINING

Section 2 relates to the fundamental apprenticeship training requirements for qualification as an expert in firearms/tool marks related examinations. Check the statement most representative of your apprenticeship training and complete the relevant information below. Then proceed to Section 3.

I did not participate in an apprenticeship program:

I apprenticed under a qualified examiner/s for 1 year or less:

I apprenticed under a qualified examiner/s for more than 1 but less than 2 years:

I apprenticed under a qualified examiner/s for 2 years or more:

Name of examiner/s providing apprenticeship training:

Location/s of apprenticeship training:

Month and year apprenticeship training began:

Length of apprenticeship training:

Indicate which of the following were included in your apprenticeship training:

Name: _____

Social Security Number: _____

Literature reading assignments

Research project

Supervised casework

Proficiency/competency testing

Moot court

Attendance at formalized classes/workshops.

List major formalized classes/workshops attended:

SECTION 3- TRAINING AND EXPERIENCE INVENTORY

Section 3 lists typical activity experiences that are related to one or more of the job duties of the forensic Firearms/Tool Marks Examiner . Please read each item in the Activity Table carefully and select the letter from the Response Criteria Table that best represents your experience related to each item. Enter the letter in the Activity Table in the appropriate column opposite the activity. You must enter a letter in both the EOT (Education or Training) *and* the PWE (Professional Work Experience) column for each activity. Any blank lines in the Activity Table will be considered to have a letter A. **During a later phase of the selection process you may be asked to substantiate any claim that you make.**

RESPONSE CRITERIA TABLE			
Education or Training (EOT)		Professional Work Experience (PWE)	
A	I have not been trained to perform this task or activity.	I have not performed this task or activity.	A
B	I have read literature and am self taught on performing this task or activity.	I have observed or assisted others in the performance of this task or activity.	B
C	I have formal classroom training on performing this task or activity.	I have performed this task or activity under close supervision.	C
D	I have apprenticeship/mentor training on performing this task or activity.	I have performed this task or activity independently.	D
E	I have formal classroom training and apprenticeship/mentor training on performing this task or activity.	I have lead or trained others in performing this task.	E

Name: _____

Social Security Number: _____

TASK OR WORK ACTIVITY TABLE				
#	EOT	EVIDENCE EXAMINATION/FIREARMS	PWE	#
1		Firearm function testing?		2
3		Chemical enhancement and comparison of gun shot residue patterns for distance determination?		4
5		Firearm trigger pull testing?		6
7		FBI General Rifling Characteristics Database use?		8
9		Serial number restoration?		10
11		Bullet and cartridge case comparisons to identify a firearm, using a comparison microscope?		12
13		Digital photography of evidence and comparisons for documentation and possible court presentation?		14
15		Casing/bullet entry on IBIS and correlation with NIBIN?		16
17		Determination of bullet trajectory?		18
19		Firearm sound suppressor (silencer) testing?		20
21		Determination of fired cartridge case ejection pattern?		22
23		Firearm and air gun velocity measurements?		24
25	NA	Complete proficiency tests relative to firearms examination?		26
27		Testify in court as an expert in firearms examination?		28
#	EOT	EVIDENCE EXAMINATION/TOOL MARKS	PWE	#
29		Create test tool mark impressions in lead or other materials?		30
31		Cast tool marks with a silicone based casting material?		32
33		Compare tool mark impressions to identify a tool?		34
35	NA	Complete proficiency tests relative to tool mark examination?		36
37		Testify in court as an expert in tool mark examination?		38

Name: _____

Social Security Number: _____

#	EOT	EVIDENCE EXAMINATION/FOOTWEAR and TIRE TREAD IMPRESSIONS	PWE	#
39		Document footwear and/or tire tread impressions with casting materials?		40
41		Document footwear and/or tire tread impressions with digital photography?		42
43		Chemically enhance footwear and/or tire tread impressions?		44
45		Lift impressions with an electrostatic dust lifter?		46
47		Lift impressions with gel lifters?		48
49		Compare footwear and/or tire tread impressions with shoes or tires?		50
51	NA	Complete proficiency tests relative to footwear and/or tire tread examinations?		52
53		Testify in court as an expert in footwear and/or tire tread examinations?		54

#	EOT	COMPUTER AND MISCELLANEOUS ACTIVITIES	PWE	#
55		Used PC compatible computers?		56
57		Used Power Point to prepare presentations?		58
59		Used Microsoft Word word processing program?		60
61		Used Excel program?		62
63		Used a Lab Information Management System (LIMS) program?		64
#	EOT	WRITTEN AND ORAL COMMUNICATION ACTIVITIES	PWE	#
65		Made a non-oral presentation at a scientific conference, meeting or seminar (such as poster presentations)?		66
67		Made an oral presentation on a technical subject before more than 20 people?		68
69		Made an oral presentation on a non-technical subject before more than 20 people?		70
71		Initiate and direct a scientific research project?		72
73		Participate in a scientific research project, not as the leader?		74
75		Publish in a scientific journal?		76
77		Publish in a non-scientific, newsletter, newspaper or similar publication?		78