

Curriculum Vitae

**Sergeant Christopher William Saunders
Regimental # 44877**

**Royal Canadian Mounted Police
Forensic Identification Services
Grand Falls-Windsor, Newfoundland and Labrador**

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Summary

- Forensic Identification Specialist at the rank of Sergeant.
- More than 21 years of policing experience with the Royal Canadian Mounted Police including 12 years' experience in Forensic Identification Services.
- Program Manager of Forensic Identification Services for Newfoundland and Labrador (RCMP) and supervisor to 6 other Forensic Identification Specialists.
- Responsible for assisting in criminal investigations by examining crime scenes, vehicles and exhibits for forensic evidence; searching for, locating and gathering evidence such as fingerprints, footwear impressions, tire track impressions, DNA, trace evidence, and other types of physical evidence.

Expert Testimony

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| March 2, 2009 | Friction Ridge Analysis and Forensic Identification Services
Clareville Provincial Court
Clareville, Newfoundland and Labrador
Trial before Judge Patrick Kennedy |
| January 3, 2006 | Physical Matching of Forensic Evidence
Gander Provincial Court, Gander, Newfoundland and Labrador
Preliminary Hearing before Judge Gloria Harding |

Designations

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| October 24, 2012 | Fingerprint Examiner
Designated by the Assistant Deputy Minister, Law Enforcement and Policing Branch of Public Safety and Emergency Preparedness of Canada as a <i>Fingerprint Examiner</i> pursuant to Subsection 667(5) of the Criminal Code. |
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Professional Experience

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| December 2004 - present | Completed 794 case examinations and attended 412 scenes of crime. Recovered and analyzed 1227 finger and palm print impressions and 472 physical evidence.
Identified 442 finger and palm print impressions to suspects involved in the investigative files and eliminated 163 finger and palm print impressions to persons with legal authority.
Identified 23 pieces of physical evidence and provided supporting evidence on 67 pieces of physical evidence. |
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Forensic Identification-Related Training

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| October 2015

<i>5 yrs</i> | Advanced Forensic Identification Training Course
Ottawa, Ontario
Classroom and practical training in physical impression evidence comparison, verification process, expert testimony, new research projects and proficiency test. |
| May 2015

<i>1 wk long</i> | Introduction to Forensic Anthropology
Dr. Ernest G. Walker, University of Saskatoon, CFB Dundurn, Saskatchewan
Classroom and practical training in the human skeleton, identification of bones and gender determination, location and recovery of human remains and clandestine grave excavation. |

- September 2014** **Canadian Identification Society Educational Conference**
Toronto, Ontario
Educational workshops in forensic odontology, Indanedione friction ridge development, forensic anthropology, chemistry, 3D crime scene mapping, DNA and homicide case studies.
- LWk*
- October 2012** **Advanced Forensic Identification Training Course**
St. John's, Newfoundland and Labrador
Classroom and practical training in chemical blood reagents, Pinnacle video editing software, report writing, Scene PD crime scene diagramming tool, major scene management, occupational health and safety, swabbing techniques, false identifications, palm impressions, health and wellness and proficiency test.
- October 2010** **Advanced Forensic Identification Training Course**
St. John's, Newfoundland and Labrador
Classroom and practical training in emerging technologies, scientific methodology, LASER, metal detectors, bullet trajectory and proficiency test.
- September 2009** **Bio Advanced Course**
Dr. Steven Jones, National Microbiology Laboratory,
Public Health Agency of Canada, Summerside, Prince Edward Island
Classroom and practical training in the recognition and processing of scenes affected by biological threats. Practical exercises focussed on sampling methods of various biological substances while in personal protective equipment.
- October 2008** **Advanced Chemical Biological Radiological Nuclear First Responder Canadian Forces Base, Suffield, Alberta**
Classroom and practical training in the recognition and processing of chemical, biological, radiological and nuclear threats scenes from a forensic identification perspective. Practical exercises conducted in a live agent environment.
- October 2008** **Basic Bloodstain Pattern Recognition Course**
Canadian Police College, Ottawa, Ontario
Classroom and practical training in bloodstain pattern history, recognition, terminology, measurement, photography and development techniques. Several practical exercises and experiments with various types of bloodstain patterns using actual blood to recreate scenarios encountered at blood-letting scenes.
- June 2008** **Advanced Forensic Identification Training Course**
St. John's, Newfoundland and Labrador
Classroom instruction and practical training in anthropology, fire scenes, homicides, Disaster Victim Identification (DVI), CBRN scenes, LASER technology, global positioning systems, large crime scenes and expert testimony.
- February 2008** **Bloodstain Pattern Analysis Information Session**
Pacific Region Training Center, Chilliwack, British Columbia
Classroom instruction and practical training in bloodstain pattern recognition and analysis as well as methods to capture bloodstain evidence photographically. Various blood reagents were discussed and used in practical exercises.
- February 2008** **Friction Ridge Analysis Information Session**
Pacific Region Training Center, Chilliwack, British Columbia
Classroom instruction and practical training in friction ridge analysis, comparisons and identification as well as report writing. Recent controversial fingerprint evidence was also presented and discussed.

February 2008**Crime Scene Video Course**

Pacific Region Training Center, Chilliwack, British Columbia

Classroom instruction and practical training in crime scene video techniques and the editing of video footage using Pinnacle video editing software. Scenario based training where participants attended mock crime scenes, captured them on video and edited the video for disclosure.

November 2007**Advanced Forensic Identification Training Course**

Pacific Region Training Center, Chilliwack, British Columbia

Classroom instruction and practical training in the comparison and identification of various types of physical evidence, footwear manufacturing processes, report writing, blood reagents, scientific principles of comparison, tire impression evidence, expert evidence and barefoot morphology.

February 2007**Intermediate Chemical Biological Radiological Nuclear First Responder**

Canadian Emergency Management College, Ottawa, Ontario

Classroom instruction and practical training in the recognition and processing of chemical, biological, radiological and nuclear threat scenes from a forensic identification perspective. Practical exercises were conducted in conjunction with responders from Hazmat, EMS and Police Explosives Technicians.

Forensic Identification Apprentice Training Program**Phase III – Continuous Learning****September 2006 – March 2008**

Grand Falls-Windsor Forensic Identification, Grand Falls-Windsor, Newfoundland and Labrador

This phase involves mandatory training courses and further training and development as well as researching deficiencies encountered during the Qualification Board in Phase II.

Phase II – Forensic Identification Apprenticeship**March 2005 – September 2006**

Grand Falls-Windsor Forensic Identification, Grand Falls-Windsor, Newfoundland and Labrador

This phase consists of an apprenticeship which is normally between 12 and 18 months in duration. The apprentice works under an experienced Forensic Identification Specialist performing regular forensic identification duties. During this time the apprentice completes three main Forensic Knowledge Assessments which are lengthy assignments requiring the apprentice to perform research, experiments, evidence comparisons and use a variety of development processes. There is a large footwear exercise which requires the apprentice to perform more than 6000 footwear comparisons. There are several mock trials where the apprentice provides testimony on work performed and is subject to defending their opinion. The apprentice also completes several experiments to gain experience with various aspects of the discipline and to remain current by researching current trends

Forensic Identification Qualification Board

Ottawa, Ontario.

This is a full-day oral assessment of the apprentice's knowledge and ability within the forensic identification discipline before three senior Forensic Identification Specialists. There is a 3-4 hour oral exam covering all aspects of the apprentice's learning and training to date in the morning. In the afternoon, there is a mock trial based on an actual case processed by the apprentice where a fingerprint was identified to a suspect. The apprentice is expected to present the case and defend their opinion in a professional manner. I successfully challenged the Qualification Board and was thereby promoted to the title of Forensic Identification Technician.

Phase I – Forensic Identification Course**January 2005 – March 2005**

Canadian Police College, Ottawa, Ontario

Eight-week course for Forensic Identification investigators covering the main aspects of the forensic identification discipline.

Ridgeology: skin and friction ridge formation and structure, fingerprint history and research, ridgeology, poroscopy, edgeoscopy, composition of sweat, digit determination, friction ridge analysis, ACE-V process, fingerprint comparison, report writing, pattern recognition and Auto-class classification system.

Fingerprint Comparisons: analysed, searched for, compared and identified 110 unknown fingerprints using a collection of 1,000 known fingerprints without error; examined a number of exhibits and developed 8 identifiable fingerprints, compared these 8 fingerprints to a collection of 100 fingerprints and identified the 8 without error; completed the final exam for the course by identifying 10 fingerprints in a collection of 300 fingerprints without error.

Photography: theory of photography and the photographic techniques employed by Forensic Identification Specialists including negative evaluation, colour temperature, black & white filtration, small object photography, flash illumination, fluorescence photography, night photography, evidentiary photography, exposure meters, perspective, crime scene photography and digital imaging among other topics.

Scenes of Crime: crime scene examination techniques, legal and scientific considerations and implications, evidence charts, bite mark evidence, preservation and recording of evidence, presentation of expert evidence, scale plan drawing, detection of fingerprints using powders and chemicals, search, recognition, collection and handling of evidence, recovery and identification of two and three dimensional footwear and tire track impressions, identification of deceased persons, fingerprinting and proper handling of cadavers, fingerprint photography, vehicle tire comparisons and identification, bloodstain pattern recognition and interpretation, crime scene health and safety, macro photography, introduction to crime scene video, DNA collecting and processing and an introduction to footwear comparison and identification and foot morphology.

Other Training**October 2004****Forensic Identification Assessment**

Clareville Forensic Identification, Clareville, Newfoundland and Labrador
Assessment designed to evaluate a candidate's suitability to become a Forensic Identification Specialist. Includes instruction and practical training in various aspects of police photography, physical evidence and Workplace Hazardous Materials Information System (W.H.M.I.S.).

October 1999**Scenes of Crime Officer Course (S.O.C.O.)**

Winnipeg, Manitoba

Basic course enabled me to attend property related crime scenes and to search for, photograph and preserve physical evidence and fingerprints.

Policing Experience**July 2001 -****December 2004****General Duty Policing (RCMP)**

Glovertown Detachment, Glovertown, Newfoundland and Labrador

General Duty Policing officer investigating crime scenes, seizing various types of physical evidence including DNA, observing and assisting Forensic Identification personnel at crime scenes; as a Scenes of Crime Officer attended 11 break and enter scenes and examined 30 stolen vehicles and groups of exhibits; located and submitted 28 fingerprints and 4 physical evidence.

June 1995 - July 2001**General Duty Policing (RCMP)**

West Interlake Detachment, Ashern, Manitoba

General Duty Policing officer investigating crime scenes, seizing various types of physical evidence including DNA, observing and assisting Forensic Identification personnel at crime scenes; as a Scenes of Crime Officer attended 20 break and enter scenes and examined 63 stolen vehicles and groups of exhibits; located, collected and submitted 52 fingerprints and 2 physical evidence; at least 4 cases submitted resulted in fingerprint or physical evidence identifications.

**November 1994 -
June 1995****RCMP Cadet Training Program**

RCMP Training Academy, Regina, Saskatchewan

Received general instruction on taking fingerprints, photography and scenes of crime investigations.

Professional Memberships**October 2010 - present****Canadian Identification Society - Provincial Director****February 2006 - present****International Association for Identification - Active member****June 2005 - present****Canadian Identification Society - Active member****University Education****September 1988 -
April 1994****Memorial University of Newfoundland**

St. John's, Newfoundland and Labrador

Attended university and successfully completed courses in various areas such as business administration, psychology, math, English, statistics, computer science, economics, linguistics, French and geography. Received a Diploma in Business Administration.