



Solutions



Environmental



Petroleum Services



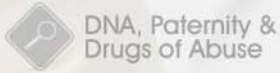
Ultra Trace & Specialty Analysis



Air



Food Sciences



DNA, Paternity & Drugs of Abuse

Forensic Biology Expertise

The Forensic and DNA Services Division of Maxxam Analytics Inc. is comprised of two distinct and functionally synergistic departments: Human DNA and Animal DNA. The Human DNA Department is further sub-divided into the paternity and forensic groups.

Dr. Wayne Murray, Ph.D - Director of Forensic and DNA Services

Dr. Murray began his distinguished career in the early 1990's after joining the DNA Unit at the Centre of Forensic Sciences (CFS) in Toronto, Ontario. Four years later, he was promoted to Head of the DNA Unit at the CFS where his contributions helped to make it one of North America's most renowned forensic laboratories.

In 1998, Dr. Murray was invited to join Maxxam Analytics Inc. and has been responsible for activities related to the management, finances, technical capability and quality system of the Drugs of Abuse and DNA Service Departments.

During his career, Dr. Murray has testified in numerous DNA cases, some of which provided the first DNA evidence to be accepted in the Canadian court system.

Martin Westecott, B.Sc. (Hons) - Supervisor and Forensic Biologist

In 2003, Mr. Westecott accepted a Scientific Specialist position with Maxxam. He brings over nineteen years of experience in DNA analysis, including six years at the CFS. He has been the lead scientist in hundreds of cases to date and has provided expert testimony in court proceedings for both the Provincial and General Division Court.

As the Supervisor of the Human DNA Department, he oversees the daily operation of the laboratory, and is the primary contact for forensic casework received from the RCMP and Police Agencies.

Stephen Denison, M.Sc. - Technical Leader and Forensic Biologist

Mr. Denison's ten years of forensic DNA analysis experience began at the CFS prior to joining Maxxam as a Scientific Specialist in 2002. He has given expert testimony across Canada and has assisted in numerous investigations. He is responsible for all technical aspects of the laboratory.

Bradley Dafoe, M.Sc. - Forensic Biologist

Mr. Dafoe has been working for over 4 years in the field of forensic DNA analysis. In 2004, he began his career in the DNA unit at the CFS. Brad also has over 2 years experience working as a Forensic DNA Analyst with Orchid Cellmark in Texas. Brad started with Maxxam in 2008 as a Scientific Specialist.

Please turn over for:

Laboratory and Personnel Qualifications

Laboratory & Personnel Qualifications

- ◆ More than 80 years of combined expertise in public and private forensic biology laboratories that have been accredited either through the SCC*, NFSTC* or ASCLD-LAB*.
- ◆ Our senior case reporting scientists have at least 10 years of forensic biology experience.
- ◆ Our team has testified as expert witnesses at more than 100 court appearances.
- ◆ Our DNA analysts have expertise in extractions of DNA from difficult samples such as bone, teeth, tissue and hair.
- ◆ We have over 30 publications.
- ◆ Our case reporting scientists have written and reviewed thousands of forensic biology reports.
- ◆ Some of our staff have had administrative responsibilities with Canada's National DNA Data Bank (CODIS).
- ◆ We are skilled in DNA interpretation of complex mixtures and low level DNA profiles.
- ◆ We have been involved in the implementation of innovative processes such as a highly successful "No-Suspect Break and Enter" program and high-volume comparison sample processing.
- ◆ Our forensic biology staff have "Enhanced Reliability" security clearances as required by the Royal Canadian Mounted Police, Forensic Laboratory Services.
- ◆ We are accredited by the SCC* (for tests registered with the Council) in accordance with ISO/IEC17025 guidelines. We are also ISO- certified by the American-based FQS-I* and comply with the Quality Assurance Standards for Forensic DNA Testing Laboratories as issued by the Director of the FBI.

* Accrediting Organizations

SCC = Standards Council of Canada

FQS-I = Forensic Quality Services

NFSTC = National Forensic Science Technology Center

ASCLD-LAB = American Society of Crime Laboratory Directors - Laboratory Accreditation Board

For more information about how we can help you with your forensic investigations and the services we offer, please contact Maxxam at:

Call toll-free from anywhere
in North America
1-877-706-7678

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