
Curriculum Vitae of Mr. Jan Semenoff

Personal Contact Information

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Address 67 Baldwin Crescent
Saskatoon, SK S7H 3M5

Current Position Principal Partner 1995-Present

Industrial Training & Design Ltd.
67 Baldwin Crescent
Saskatoon, SK, S7H 3M5

Previous Position Forensic Criminalist – *three year term* 2012-2015

Kapsack & Bair, LLP
2100 Embarcadero, Suite 202
Oakland, CA, USA, 94606

Previous Position Forensic Criminalist – *three year term* 2009-2012

Head, Thomas, Webb & Willis, LLP
750 Hammond Dr., Bldg 5
Atlanta, GA, USA, 30328

Previous Position Program Developer & Instructor, Police Service Preparation Program
Two-year term 2002-2004

Universal Career College, Inc.
220 20th St. W
Saskatoon, SK

Previous Position Saskatoon Police Service 1985 – 2002

Senior Constable - *General Investigations Section - High Risk Offender Unit*
Violent Crimes Analyst, assigned ViCLAS Detail
Previously: Patrol, Traffic and Community Services Divisions
Qualified Breath Alcohol Technician
Secondments to Staff Development and Planning & Research

Chief Instructor – *Emergency Medical Services*
Saskatchewan Police College 1986 - 1992

Program Coordinator & Chief Instructor - *Saskatoon Police Service*
Emergency Medical Services 1987 - 1999
Emergency Medical Dispatch Program Developer, 9-1-1 System 1987

Program Developer & Coordinator – *Saskatoon Police Service*
Infectious Control Protocol 1997 - 1999

Field Recruit Trainer 1998 - 1999

Instructor - *Oleoresin Capsicum (Defensive Technologies)* 1993 - 1999

Member - *River Rescue Unit and Dive Team* 1987 - 1991

Member - *Crowd Control Unit* 1995 - 1998

Previous Position MD Ambulance Care Ltd., 1982-1985

Emergency Medical Technician

Registered Saskatchewan Emergency Medical Technician 1983

Registered Saskatchewan Emergency Medical Assistant Level 1 1983

(Issued by the Saskatchewan Medical Association)

Educational Achievements and Certificates Held

Education, Training and Experience

University of Saskatchewan

<i>Bachelor of Arts & Sciences</i>	1985
<i>College of Graduate Studies – Masters of Education Program</i>	2002 - 2004
<i>Completed Educational Curriculum 801</i>	
<i>Educational Communications 402</i>	
<i>Extension Division – Occupational Health Program</i>	2001 – 2002
<i>Completed Accident Control 1 & 2</i>	
<i>Workplace Auditing</i>	

Canadian Police College

<i>Post-Degree Certificate in Advanced Police Studies</i>	1993
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Saskatchewan Institute of Applied Science and Technologies

<i>Emergency Medical Technician</i>	1982
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Saskatchewan Medical Association

<i>Emergency Medical Assistant 1</i>	1983
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Saskatchewan Police College – University of Regina

<i>Oleoresin Capsicum Instructor's Course</i>	1993
<i>Senior Constable's Development Course</i>	1992
<i>Operational Investigator's Course</i>	1989
<i>Drug Investigation Course</i>	1987
<i>Police Officer's Recruit Training</i>	1985

Royal Canadian Mounted Police – RCMP Depot, Regina

<i>Alcohol Countermeasures A.L.E.R.T. J3-A Operators Course</i>	1987
<i>Qualified Breathalyzer Technician</i>	1991 - 2002
<i>Qualified Intoxilyzer Technician</i>	1997- 2002
<i>ViCLAS Analysis and Profiling Seminar</i>	2000

Saskatoon Police Service

<i>LION Alcometer SL-2 Operators Course</i>	1997
<i>Cultural Awareness Course</i>	1994
<i>Investigative Interviewing Course</i>	1993
<i>Tactical Communications Course</i>	1993
<i>Field Training Officers Course</i>	1993
<i>Mobile Radar Operators Course</i>	1988
<i>Radar Operators Course</i>	1987
<i>River Rescue Unit Boat Operators Course (Annual Qualifications)</i>	1987 - 1991
<i>Crossarms Award – Annual Firearms Qualification</i>	1985 - 2002

Canadian Red Cross

<i>Advanced First Aid Instructor & Instructor - Trainer</i>	1987 - 1999
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Saskatchewan Heart and Stroke Foundation	
<i>CPR Instructor - Trainer</i>	1987 – 1998
<i>Workplace Hazardous Material Instructor - Trainer</i>	1988
Professional Association of Diving Instructors International	
<i>Master Scuba Diver Trainer</i>	1989 - 2002
CMI Intoxilyzer, Owensboro, KY, USA	
<i>US Dept of Transportation Breath Alcohol Technician Instructor</i>	2000
National Patent Analytical Systems, Inc., Mansfield, OH, USA	
<i>BAC DataMaster Supervisor Program</i>	2008
Intoximeter EC/IR II Breath Alcohol Technician, Columbus, OH, USA	
<i>US Dept of Transportation Breath Alcohol Technician</i>	2009
<i>Factory Authorized Calibration Technician</i>	
Dräger Alcotest Breath Alcohol Technician, Mt. Laurel, NJ, USA	
<i>Breath Alcohol Operator Training Course</i>	2011

Publications

Major Publications

“Infectious Disease Protocols” – Saskatoon Police Service	1997
<i>Adopted across Canada by various municipal police agencies.</i>	
“Cameco Radioactive Materials Transport Safety Program”	2001
“Breath Alcohol Testing in the Workplace”	2005
<i>Industrial Training & Design Ltd., ISBN 1-894977-83-1</i>	
“Intoxilyzer Breath Alcohol Testing – Professional Edition”	2004
<i>Industrial Training & Design Ltd., ISBN 1-894977-80-7</i>	

Refereed Journal Articles

“Airflow Obstruction and Roadside Breath Alcohol Testing” , CHEST – The Journal of Respiratory Medicine, Vol. 100, Aug. 1991, Prabhu, Hurst, Cockcroft, Baule and Semenoff	
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Journal Articles

“The Need for Scientific Literacy” , The Vindicator – The Journal of the Ohio Association of Criminal Defense Lawyers, 2017	
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Electronic Publications

“Counterpoint – The Journal of Science and the Law” , Industrial Training & Design Ltd., 2015 - Current, ISSN 2369-2774, Editor and Author.	
“Exposing the Myths Surrounding Alcohol” , Semenoff, J. & Reschny, S., Industrial Training & Design Ltd., 2011, ISBN 978-1-89497-30-2	
“An Introduction to Metrology” , Reschny, S., Semenoff, J. & Vosk, T., Industrial Training & Design Ltd., 2011, ISBN 978-1-89497-50-0	
“Shipping Nuclear Substances” , Industrial Training & Design Ltd., 2005, ISBN 1-89497-25-4	
“The New Clear Language Transportation of Dangerous Goods Computer-Based Training. 3rd Edition (Version 3.0)” , Industrial Training & Design Ltd., 2003, ISBN 1-894977-10-6	

- “WHMIS in the Workplace, 2nd Edition (Version 2.0)”**, Industrial Training & Design Ltd., 2003, ISBN 1-894977-12-2
- “Forklift Safety in the Workplace”**, Industrial Training & Design Ltd., 2003, ISBN 1-894977-14-9
- “Lock-Out / Tag-Out in the Workplace”**, Industrial Training & Design Ltd., 2003, ISBN 1-894977-17-3

Guidebooks & Policy Documents Developed

- “Redline Industries Program - Confidential”** Calgary, AB 2011
- “Chemtrade Safety Program”** 2010
- “Young Seed Program - Confidential”** Young, SK 2009
- “Policy Development - Confidential”**, Saskatchewan Research Council 2008
- “Fall-Arrest Protocols & Policy”**, Government of Canada, Agriculture & Agri-Foods Canada 2004
- “Russel Metals Canada Safety Program”** 2005
- “Elite Force Program - Confidential”** Sacramento, CA 2000
- “Smucker’s Foods Confined Space Program”** 2003
- “Smucker’s Foods Fall Arrest Safety Program”** 2003
- “Robin Hood Federal Forklift Safety Program”** 2001
- “Robin Hood Fire Evacuation Policy”** 2001
- “Nu Tech Industries Safety Program”** 2000
- “Deca Industries Safety Program”** 2000
- “Redi-Medic First Aid & Survival Guidebook”** 1999
- translated into French as, **“Redi-Medic Guide de premiers soins & de survie”** 1999
- “Sunnydale Foods - Confidential Program”** 1997

Training Manuals & Resource Kits Authored

- “Occupational Health & Safety Orientation Programs”**, BHP Billiton 2014
- “Confined Space Orientation Program”**, BHP Billiton 2014
- “Confined Space Supervisor Orientation Program”**, BHP Billiton 2014
- “Ground Disturbance Orientation Program”**, BHP Billiton 2014
- “Ground Disturbance Supervisor Orientation Program”**, BHP Billiton 2014
- “Working at Heights Orientation Program”**, BHP Billiton 2014
- “Working at Heights Supervisor Orientation Program”**, BHP Billiton 2014
- “High Voltage Orientation Program”**, BHP Billiton 2014
- “High Voltage Supervisor Orientation Program”**, BHP Billiton 2014
- “Performing Hot Work Orientation Program”**, BHP Billiton 2014
- “Isolation Orientation Program”**, BHP Billiton 2014
- “Isolation Supervisor Orientation Program”**, BHP Billiton 2014
- “Permit to Work Orientation Program”**, BHP Billiton, 2014
- “Vicinity to Exposed High Energy Orientation Program”**, BHP Billiton 2014
- “Vicinity to Exposed High Energy Supervisor Orientation Program”**, BHP Billiton 2014
- “Shipping Nuclear Substances – A Training Guide to the Safe Consignment of Radioactive Materials”**, ISBN 1-894977-24-6, Saskatchewan Research Council 2005
- “Effective Occupational Health & Safety”** 2002
- “Accident Investigators Resource Kit”** 2002
- “Chemical Handling & Spill Response Resource Kit”**, BASF 1999
- “Chemical Handling & Spill Response Resource Kit”**, Monsanto 1998

“WHMIS Resource Kit”	1999
“Transportation of Dangerous Goods Resource Kit”	1999
“Confined Space Entry Resource Kit”	1998
“Emergency Medical Responders Resource Kit” , Universal Career College	1998
“Industrial First Aid Resource Kit”	1997
“Lockout / Tag-Out Resource Kit”	1997
“Situational Awareness Resource Kit”	1996
“CPR Instructors Resource Kit”	1996
“Driving Without Impairment” - Government of Saskatchewan, Royal Canadian Mounted Police and the Saskatoon Police Service	1995
“CPR Response Training” , Saskatoon Police Service,	1988 - 1994
“Standard First Aid Resource Guidebook” , Canadian Red Cross, Saskatchewan Division	1987
“Emergency Medical Dispatch Guidebook” , Saskatoon Police Service	1987

Invited Presentations

- “Advanced DUI Seminar”**, Course Faculty, The Ohio Association of Criminal Defense Lawyers, Columbus, OH, 2017 (Approved for CLE Credit)
- “Scientific Literacy in the Courtroom”**, The South Carolina Criminal Defense Lawyers Association, Columbia, SC, 2016 (Approved for CLE Credit)
- The Intoxilyzer 9000 & the Unknown**, The DUI Defense Lawyers Association, Denver, CO, 2016 (Approved for CLE Credit)
- “Recent Trends in Breath Alcohol Testing”**, The California Public Defenders Association, Monterey, CA, 2016 (Approved for CLE Credit)
- “Advanced DUI Academy”**, Course Faculty, The Ohio Association of Criminal Defense Lawyers, Columbus, OH, 2016 (Approved for CLE Credit)
- “Breath Testing”**, The Florida Bar Association, Fort Lauderdale, FL, 2015 (Approved for CLE Credit)
- “Breath Testing”**, The California Association of Criminal Defense Lawyers, Santa Monica, CA, 2015 (Approved for CLE Credit)
- “Fundamentals in Breath Alcohol Testing”**, The Michigan Association of Criminal Defense Lawyers, Detroit, MI, 2014, with Bruce Kapsack, Esq. (Approved for CLE Credit) – 4 hours
- “The Intoxilyzer 8000”**, The Maine Association of Criminal Defense Lawyers, Freeport, ME, 2014 (Approved for CLE Credit)
- Fundamentals of Alcohol Testing**, The Colorado Public Defenders Annual Conference, Westminster, CO, 2012 (Approved for CLE Credit)
- “Understanding the Intoxilyzer 5000”**, The Texas Criminal Defense Lawyers Association Top Gun Seminar, Austin, TX, 2012 and again in Arlington TX, 2012
- “Issues in Breath Testing – The EC/IR II”**, The Saskatchewan Trial Lawyers Association, Saskatoon, SK, 2012
- “Medical Issues in DUI Defense”**, The National Association of Criminal Defense Lawyers Mastering Scientific Evidence Conference, New Orleans, LA, 2012 (Approved for CLE Credit)
- “The Intoxilyzer 5000 Breakout Session”**, The National Association of Criminal Defense Lawyers Mastering Scientific Evidence Conference, New Orleans, LA, 2012 (Approved for CLE Credit)
- “An Assessment Tool for the Reliability of Breath Alcohol Tests”**, The South Carolina Association of Criminal Defense Lawyers Reese Joye Conference, Columbia, SC, 2011 (Approved for CLE Credit)

- “Measurement Uncertainty in Scientific Testing”**, The Tennessee Association of Criminal Defense Lawyers, Nashville, TN, 2011 (Approved for CLE Credit)
- “A Primer on the EC/IR II Breath Test Instrument”**, Keynote Speaker, The Second EC/IR II Conference, Williamsburg, VA, 2011 (Approved for CLE Credit)
- “Assessing the Reliability of Breath Tests”**, The National Association of Criminal Defense Lawyers DUI Conference, Las Vegas, NV, 2011 (Approved for CLE Credit)
- “The Intoxilyzer 5000 Breakout Session”**, The National Association of Criminal Defense Lawyers Mastering Scientific Evidence Conference, New Orleans, LA, 2011 (Approved for CLE Credit)
- “An Update to the Science of Breath Alcohol Testing”**, The California DUI Lawyers Association, San Diego, CA, 2011 (Approved for CLE Credit)
- “Can Breath Tests Go Wrong?”**, Lyons Legal Seminars, Key West, FL, 2011
- “Understanding the Fundamentals of Breath Alcohol Testing”**, The DUI Symposium, Atlanta, GA, 2010 (Approved for CLE Credit)
- “Principles of Breath Alcohol Testing”**, Tennessee Association of Criminal Defence Lawyers, Tunica, MS, 2010 (Approved for CLE Credit)
- “Assessing Reliability in Breath Alcohol Measurement”**, The Utah Association of Criminal Defence Lawyers, Salt Lake City, UT, 2010 (Approved for CLE Credit)
- “Variables in Breath Alcohol Measurement”**, The Ohio Association of Criminal Defence Lawyers, Columbus, OH, 2010 (Approved for CLE Credit)
- “The Effects of Alcohol at Altitude”**, Lyons Legal Seminars, Key West, FL, 2010
- “The Science of Breath Testing”**, The California DUI Lawyers Association, San Diego, CA, 2010 (Approved for CLE Credit)
- “Asserting Challenges in Breath Alcohol Testing”**, Invited presentation with Thomas E. Workman, Jr., Institute of Continuing Legal Education in Georgia, Georgia State Bar, Atlanta, GA, 2009 (Approved for CLE Credit)
- “A Primer on Breath Alcohol Testing”**, The Colorado Criminal Defence Bar, Boulder, CO, 2009 (Approved for CLE Credit)
- “The Expert Witness as Educator”**, National Association of Criminal Defence Lawyers Annual Conference, Las Vegas, NV, 2009 (Approved for CLE Credit)
- “Critical Issues in Breath Alcohol Testing”**, National Association of Criminal Defence Lawyers Annual Conference, Las Vegas, NV, 2009 (Approved for CLE Credit)
- “Current Issues in Alcohol Testing in Light of Bill C-2”**, Quebec Bar Association, Montreal, QC, 2009 (Approved for CLE Credit)
- “Examining Evidentiary Issues in Forensic Testing”**, The Forensic Blood and Urine Testing Program, San Diego, CA, 2009 (Approved for CLE Credit)
- “A Primer on Breath Alcohol Testing”**, Keynote Speaker, The New Hampshire Association of Criminal Defence Lawyers, Manchester, NH, 2009 (Approved for CLE Credit)
- “The Fallibility of Breath Testing Devices, Protocols and Practices”**, Arizona Association of Criminal Defence Lawyers, Tucson, AZ, 2009 (Approved for CLE Credit)
- “Emerging Issues in Breath Alcohol Testing”**, Colorado Association of Criminal Defence Lawyers, Keystone, CO, 2009 (Approved for CLE Credit)
- Guest Panelist – “Who Killed Carter? – Bill C-2”**, Ontario Criminal Lawyers Association 2008 Fall Conference, Toronto, 2008
- “Bill C-2 & The Fallibility of Breath Testing Devices, Protocols & Practices”**, Quebec Bar Association, Montreal, QC, and also Gatineau, QC, 2008 (Approved for CLE Credit)
- “Fundamental Principles of Breath Alcohol Testing”**, Tennessee Association of Criminal Defence Lawyers, Tunica, MS, 2008 (Approved for CLE Credit)

- “Asserting Challenges in Breath Alcohol Testing”**, Institute of Continuing Legal Education in Georgia, Georgia State Bar, Atlanta, GA, 2008 (Approved for CLE Credit)
- “Emerging Issues in Breath Alcohol Testing”**, Alaska Association of Criminal Defence Lawyers, Girdwood, AK, 2008 (Approved for CLE Credit)
- “Examining Evidence to the Contrary”**, Alaska Association of Criminal Defence Lawyers, Girdwood, AK, 2008 (Approved for CLE Credit)
- “Operational Considerations in Breath Alcohol Testing”**, Breath Test Equipment Source Code Seminar, Atlanta, GA, 2008
- “Issues in Breath Alcohol Testing”**, South Carolina Senate Judiciary Hearing, House Bill 3496, Columbia, SC, 2007
- “Neglected Issues in Breath Alcohol Testing”**, Keynote speaker, South Carolina Association of Criminal Defence Lawyers Annual Conference, Columbia, SC, 2007
- “Issues that Matter in Breath Alcohol Testing”**, Georgia Association of Criminal Defence Lawyers Annual Conference, Blairsville, GA, 2007 (Approved for CLE Credit)
- “Emerging Issues in Breath Alcohol Testing”**, National Association of Criminal Defence Lawyers Annual Conference, Las Vegas, NV, 2007 (Approved for CLE Credit)
- “Examining Evidence to the Contrary”**, National Association of Criminal Defence Lawyers Annual Conference, Las Vegas, NV, 2007 (Approved for CLE Credit)
- “Breath Alcohol Testing”** Osgoode Hall, York University Intensive Criminal Law Program, Guest Lecturer, York University, Toronto, 2006
- “Fuel Cells and Breath Alcohol Testing”** EC/IR Annual Conference, Washington, D.C., 2006
- “Examining the Unknowns in Breath Alcohol Testing”** Defenders Education, Portland, Maine, 2006 (Approved for CLE Credit)
- “Breath Alcohol Testing”**, Alberta Criminal Trial Lawyers Association, Edmonton, 2005
- “Alcohol Testing in the Workplace”**, Canadian Society of Safety Engineering, Saskatoon, 2004
- “Driving Without Impairment Program”**, Government of Saskatchewan, Saskatoon, 1991-1999
- “Shipping Nuclear Substances”**, Saskatchewan Geological Survey Open House, Government of Saskatchewan Industry and Resources, 2005
- “Preparing Effective E-Learning Programs”**, delivered to:
- Saskatchewan Advanced Technologies Association Annual Workshop, 2004
 - Canadian Association of Safety Engineering Professional Development National Conference, Saskatoon, 2003 (also delivered Edmonton, 2003)
- “Infectious Disease Protocols and Police Response Issues”**, delivered to:
- Canadian Police Association Annual General Meeting, 1997
 - Saskatchewan Federation of Police Officers Annual General Meeting, 1997
- “Targeting Office & Workplace Safety”**, Saskatchewan Optical Dispensers Association Annual General Meeting, 1996

Awards & Merits

Letters of Commendation

- Chief A.O. Maguire, Saskatoon Police Service, 1995, 1993, 1992
- Deputy Chief M. Montague, Saskatoon Police Service, 1993
- Superintendent F. Simpson, Saskatoon Police Service, 1991
- Chief J. Penkala, Saskatoon Police Service, 1990, 1987

- Superintendent E. Menu, Edmonton Police Service, 1988
- Superintendent D. Cocroft, Vancouver Police Department, 1988
- Terrence Hinz, Senior Crown Prosecutor, Saskatchewan Justice Public Prosecutions, 1990

Certificate of Achievement

- Heart & Stroke Foundation of Saskatchewan, 1997

Additional Professional Activities

Instructor – Self Contained Breathing Apparatus and Respirator Technologies, 1988

Instructor – WHMIS, Heart & Stroke Foundation of Saskatchewan, 1988

Instructor - Saskatoon Police Emergency Response Team - Tactical First Aid, 1992 - 1999

Instructor - Level "B" Safety Attendants – Emergency Medical Responder, 1997

Instructor – Transportation of Dangerous Goods, 1997

Instructor – Confined Space Entry, 1998

Instructor – Forklift Safety, 2001

Instructor – Police Service Preparation Program, Universal Career College, 2002-2003

Instructor – Fall Protection Supervisor Level III, North Safety Products, Edmonton, 2003

Instructor – Rigging & Overhead Crane, Alberta Manufacturers Health & Safety Assoc., 2006

Expert Witness – Qualified as an expert witness in breath alcohol testing in over 150 Federal, District and Provincial Court attendances, in Canadian courts, and courts in the USA, 2004 – Present

Expert Witness – Confined Space Entry & Adult Safety Training Programs – Saskatchewan Human Rights Commission, 2012

Expert Witness – Establishing Breath Alcohol Testing Programs – Senate Judiciary Sub-Committee, South Carolina State Senate Hearings, Columbia, South Carolina, 2007

Witness – Adult Safety Training Programs – Saskatchewan Labour Standards, 1999

Witness – Judicial Inquiry, Provincial Justice Inquiry, 1995

Member - Basic Life Support Advisory Committee, Heart & Stroke Foundation of Saskatchewan, 1987 - 1998

Member - Instructors Advisory Committee - Canadian Red Cross, 1988 - 1992

Member - Victim's Assistance Advisory Committee, 1991

Advisor – Professional Association of Diving Instructors - Ice Diving Advisory Committee, Winnipeg, 1990

Advisor - Detention Policy and Procedures - Saskatoon Police Service, 1994 - 1999