

Curriculum Vitae

Karl C. Suni

Forensic Science Consultants

Forensic Scientist

Forensic Science Consultants

127 Grand River Avenue

Williamston, MI 48895

517-202-5971

Fax 517-579-4847

suni@forsci.com

Education

1981 - 1984 Michigan State University, East Lansing, MI
Bachelor of Science, Biochemistry

1979 - 1981 Henry Ford Community College, Dearborn, MI

Professional Experience

May 2020 to present

Forensic Science Consultants

Forensic Scientist

Suspected controlled substances analyzed and identified.

October 1999 to May 2020

Michigan Department of State Police, Forensic Science Division, Lansing Forensic Laboratory

Forensic Scientist, Trace Evidence Unit

Evidence analyzed included paint comparison and identification, explosives and explosive residues, chemical comparison and identification, adulterants, lamp filament on/off determination, unknown material characterization, fracture match determination, footwear/tire/barefoot/fabric impression examination, crime scene and vehicle processing.

March 1988 to October 1999

Michigan Department of State Police, Forensic Science Division, Lansing Forensic Laboratory

Forensic Scientist, Narcotics and Dangerous Drugs Unit

Controlled substances analysis.

December 1986 to March 1998

Michigan Department of State Police, Forensic Science Division, Bridgeport Forensic Laboratory

Forensic Scientist, Narcotics and Dangerous Drugs Unit

Controlled substances analysis.

October 1985 to December 1986

General Motors Corporation, Biomedical Research Division, Warren Technical Center

Research Assistant

Assisted in research on the effects of ozone on liver lipid metabolism.

Courtroom Testimony: State District and Circuit, Federal, MESC.

Controlled Substance Identification – 320 testimonies.

Chemical Analysis and/or Comparison - 15 testimonies.

Adulterants - 1 testimony.

Solvents/volatile liquids - 1 testimony.
Paint Comparison and Analysis – 10 testimonies.
Footwear Impression Examination – 27 testimonies.
Tire Impression Examination – 5 testimonies.
Fabric Impression Examination – 1 testimony.
Barefoot Impression Examination – 1 testimony.
Physical Match – 4 testimonies.
Explosives analysis – 2 testimonies.
Crime Scene Processing – 13 testimonies.

Teaching/Training Provided

Forensic Paint, Explosives, Bleach, Adulterants/Chemical Unknowns Analysis, etc., Michigan State Police Interns and new Forensic Scientists, ongoing
Identification of Botanical Drugs Workshop, Midwestern Association of Forensic Scientists, 1998
Narcotics and Dangerous Drugs Evidence Collection and Packaging, Controlled Substances provisions of the Michigan Public Health Code, Michigan State Police
Motor Carrier Recruit School and Trooper Recruit School 1998 & 1999
Basic Crime Scene Investigation, Lansing Police Department, 1999
Controlled Substances Analysis, Michigan State University, School of Criminal Justice, Forensic Science program, 1997, 2001 - 2002
Trace and Impression Evidence Collection and Packaging, Crime Scene Investigation, Michigan State Police Recruit Schools and Evidence Technician Training, Michigan State Police Training Academy, 2001 through 2004, 2006, 2008
Basic Fire Investigator School, Evidence Collection and Analysis, Michigan State Police Training Division, 2014, 2015

Specialized Training Courses Attended

“Infrared Spectroscopy 1. Interpretation of Infrared and Raman Spectra” (5 day), Bowdoin College, ME, July 1988, Dr. Dana Mayo, Dr. Robert H. Hannah, Dr. Peter R. Griffiths, Dr. James A. de Haseth
“Forensic Drug Chemistry” (5 day), Drug Enforcement Administration, Special Testing and Research Lab, Dulles, VA, March 1989
“Mass Spectral Interpretation” (3 day), Finnigan MAT Institute, Cincinnati, OH, June 1990, Phil Epstein
“Finnigan Incos 50 Spectrometer Operation and Maintenance” (3 day), Finnigan MAT Institute, October 1991
“Infrared Spectroscopy III, FTIR Applications” (5 day), Bowdoin College, ME, July 1991, Dr. Peter R. Griffiths, Dr. James A. de Haseth
“FTIR Theory and Application” (3 day), Mattson, Madison, WI, October 1992
“Forensic Microscopy” (5 day), McCrone Research Institute, Chicago, IL, May 1999
“Forensic Paint Analysis” (5 day), Midwestern Association of Forensic Scientists Workshop, Michigan State Police Lansing Lab, MVA, Inc., March 2000, Thomas J. Hopen
“Scanning Electron Microscopy” (5 day), McCrone Research Institute, Westmont, IL, November 2000, Wayne D. Niemeyer, Joseph M. Rebstock, Dr. Kent L. Rhodes
“Detection and Examination of Footwear Impression Evidence” (5 day), Forensic Identification Training Seminars, Grayling, MI August 2001, William J. Bodziak
“Forensic Digital Imaging” (4 day), Michigan State Police Lansing Lab, More Hits, September 2002, David Witzke
“Forensic Automotive Paint Data Query” (2 day), American Academy of Forensic Science Meeting Workshop, Chicago, IL, February 2003, Denis Lefleche, RCMP
“Forensic Paint Examinations and Comparisons” (5 day), Midwestern Association of Forensic Scientists Workshop, Michigan State Police Lansing Lab, May 2003, Scott Ryland
“Introduction to Wood Identification” (1 day), Midwestern Association of Forensic Scientists Fall Meeting Workshop,

Columbus, OH, October 2003, Michael A. Trimpe
“Forensic Airbag Examination” (1 day), Midwestern Association of Forensic Scientists Fall Meeting Workshop, Columbus, OH, October 2003, Glenn Schubert
“Forensic Barefoot Examination” (7 day), Forensic Training Consultants, Belleville, Ontario, CA, October 2004, Robert B. Kennedy, RCMP
“Infrared Spectroscopy II. Infrared Spectroscopy Applied to Polymer and Forensic Science” (5 day), Bowdoin College, ME, July 2005, Dr. Peter R. Griffiths, Dr. James A. de Haseth, Dr. D. Bruce Chase, Dr. Robert H. Hannah
“The Examination and Comparison of Footwear Impression Evidence” (3 day), Michigan State Police Training Academy, Ron Smith and Associates, February 2006, Dwane Hidebrand
“The Examination and Comparison of Tire Track Impression Evidence” (3 day), Michigan State Police Training Academy, Ron Smith and Associates, April 2006, Dwane Hildebrand
“Chemistry of Energetic Materials” (3 day), Midwestern Association of Forensic Scientists Workshop, Michigan State Police Lansing Lab, May 2006, Dr. John A. Conkling
“Forensic Fracture Match Theory” (2 day), Michigan State Police - Trace Evidence Unit Meeting, Grayling, MI, August 2006, Steve McKasson
“Vehicle Lamp Examination” (2 day), Midwestern Association of Forensic Scientists Workshop, Indianapolis, IN, October 2006, Richard Dinehart
“Forensic Examination of Pressure Sensitive Tapes” (3 day), Michigan State Police Trace Evidence Unit Meeting, Grayling, MI, July 2007, Jenny Smith and Will Randle
“Methadology for Crime Scene Analysis” (1 day), Midwestern Association of Forensic Scientists Fall Meeting Workshop, Traverse City, MI, TBI, LLC, September 2007, Tom Bevel
“Forensic Vehicle Lamp Examination” (4 days), Midwestern Association of Forensic Scientists Workshop, Michigan State Police Lansing Lab, Southwest Forensic Services, August 2008, Raymond Gieszl
“Introduction to Digital Photography and Training for the Canon EOS 5D digital camera” (2 day), Michigan State Police Trace Evidence Unit Meeting, Roscommon, MI, September 2008, Gary Truszkowski, Ronald R. Jones
“Unusual Trace Evidence Exams” (2 day), Midwestern Association of Forensic Scientists Fall Meeting Workshop, Des Moines, IA, October 2008, Symposium
“Bloodstain Pattern Analysis” (5 day), Michigan State Police Lansing Lab, Noslow Forensic Consultations, October 2008, Toby Wolson
“Forensic Tire Impression Evidence” (1 day), International Association of Identification Meeting Workshop, Tampa, FL, August, 2009
“Crime Scene Photography and Special Photo Methods” (2 day), Michigan State Police - Trace Evidence Unit Meeting, Roscommon, MI, September 2009, Gary Truszkowski
“Forensic Microscopy: Paint and Polymers” (5 day), McCrone Research Institute, Chicago, IL, August, 2010
“EDAX Genesis Microanalysis Software and Applications” (3 day), EDAX Corporation, Mahwah, NJ, September 2010, Dr. Robert Anderhalt, Tara Nylese
“AccuTOF DART Mass Spectrometer Operations Training Course” (4 day), Jeol Corporation, Peabody, MS, December 2010, Dr. Robert Cody, John Dane
“Forensic Automotive Paint Data Query” (2 day), Midwestern Association of Forensic Scientists Workshop, Minnesota BCA, St. Paul, MN, April 2011, Tamara Hodgins
“Mass Spectrometry for Trace Evidence” (5 day), Florida International University, National Institute of Justice, Miami, FL, May 2011, Dr. Piero Gardinali, Dr. Yong Cai
“Digital Processing of Footwear Impression Evidence” (2 day), Michigan State Police - Trace Evidence Unit Meeting, Grand Rapids, MI, Foray Technologies, May 2011, David Witzke
“Tire Tread and Track Evidence Recovery and Forensic Examination” (4 day), NC State Bureau of Investigation, Raleigh, NC, September 2011, William Bodziak
“Fracture Match” (1 day), Midwestern Association of Forensic Scientists Fall Meeting Workshop, Milwaukee, WI, U.S. Army Lab, September 2012
“Analysis of Low Explosives” (1 day), Midwestern Association of Forensic Scientists Fall Meeting Workshop, Milwaukee, WI, North Branch Forensic Consulting Services, September 2012, Ed Bender
“PowerPoint for Public Safety” (2 day), Michigan State Police - Trace Evidence Unit Meeting, Midland, MI, September 2013, Thomas Manson

“PDQi Paint Database Query” (2 day), Michigan State Police Lansing Lab, Royal Canadian Mounted Police, August 2014, Tamara Hodgins
“Digital Processing of Trace and other Impression Evidence” (2 day), Michigan State Police - Trace Evidence Unit Meeting, Traverse City, MI, Foray Technologies, September 2014, David Witzke
“Shoeprint Image Capture and Retrieval Software Use and Solemate Database Search” (1 day), Michigan State Police - Trace Evidence Unit Meeting, Detroit, MI, June 2015, Mike Zontini
“Addressing Cognitive Bias in Forensic Examinations” (1 day), Michigan State Police Lansing Lab, August 2018, Jeremy Morris

Awards

1991 Michigan State Police Letter of Appreciation, unknown plant root identification
1992 Michigan State Police Professional Excellence Award
2002 Michigan State Police Professional Excellence Award, crime scene response, footwear impression analysis
2003 Certificate of Appreciation, Meridian Township Police Department, hit and run vehicle make and model identification
2005 Michigan State Police Certificate of Appreciation
2007 Michigan State Police Professional Excellence Award, exhumed remains chemical analysis
2008 Michigan State Police Professional Excellence Award, multiple homicides, crime scene processing and footwear impression analysis, Lansing Police Department
2013 Michigan State Police Employee Recognition Award, double homicide, evidence collection and testimony, Eaton County Sheriff Department

Professional Organizations

Midwestern Association of Forensic Scientists, member since 2004