

Curriculum Vitae

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Forensic Alcohol Consulting and Training LLC
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Park University (Parkville, Missouri)

Bachelor of Science (Criminal Justice Administration)

National Highway Traffic Safety Administration Training (NHTSA)

DUI Detection and Standardized Field Sobriety Testing (S.F.S.T.)
Drugs that Impair Driving
DUI Detection and Standardized Field Sobriety Testing, Instructor/Trainer
NHTSA Instructor / Facilitator Workshop
NHTSA DUI S.F.S.T. Instructor Update(s)

Police Officers Standards of Training (POST) Training

DUI Mobile Video Train the Trainer (Instructor Course)
Law Enforcement Search and Seizure Workshop
Drug Awareness

Montana State Department of Justice, Forensic Science Division

Breath Test Specialist Certification
Breath Test Senior Operator Certification
Breath Test Technician Certification
Re-certification completed as required through 2001

US Air Force Training

USAF Police Academy

Florida Department of Law Enforcement (Professional Programs)

Breath Test Operator
Agency Inspector
Department Inspector
Instructor Techniques

Florida Department of Law Enforcement Department Inspector Training Program

Chemical and Physical Properties of Alcohol and Related Volatiles
Pharmacology and Toxicology of Ethyl Alcohol
Pharmacokinetics of Ethanol
Pharmacodynamics of Ethanol
Analysis of Biological Specimens
Methods of Alcohol Analysis
 Chemical Oxidation
 Gas Chromatography
 Infrared Breath Alcohol Analysis
 Electro-Chemical Breath Alcohol Analysis
Statistical Treatment of Data
Quality Control Procedures
Breath Alcohol Analysis, Theory and Operation
 History
 Intoxilyzer 5000 and 8000 Theory, Operation, Maintenance and Repair
 Performing the Department Inspection
Forensic and Legal Aspects of Alcohol Analysis

Other Agency Training

Traffic Safety Responsible Alcohol and Tobacco Sales
 Training Instructor
CMI Inc. Intoxilyzer 5000 Factory Maintenance Training Course
Cascade County, Montana, Reserve Deputy Training Program
The R. F. Borckenstein (Indiana University) Course on Alcohol,
 Drugs and Highway Safety
Guth Laboratories, Simulator Model 2100 Course
Guth Laboratories, Simulator Model 34C Course
CMI Inc. Intoxilyzer 8000 Operation, Maintenance & Calibration
CMI Inc. Intoxilyzer 8000 Advanced Repair, Maintenance & Calibration

Symposiums and Conferences

Symposium on Alcohol & Drug Enforcement, 2002, 2003, 2004, 2005, 2006, 2007, 2010
Florida Breath Test Conference 2002, 2003, 2004, 2005, 2006, 2007, 2009
Intoxilyzer User's Group 2002, 2003, 2004, 2006, 2007

International Association for Chemical Testing May 2003, Apr 2005
Forensic Ethanol Analysis and Interpretation Presented by
 The Forensic Toxicologist Certification Board, Inc. Apr 2004
Indiana University Center for Studies of Law in Action, Symposium
 On Blood and Breath Alcohol Test Program Management
 And Administration Oct 2004

Permits Held

Florida Department of Law Enforcement, Breath Test Operator
Florida Department of Law Enforcement, Agency Inspector

Certifications

Florida Department of Law Enforcement, Department Inspector
Florida Department of Law Enforcement, Criminal Justice Standards
 and Training Instructor
CMI, Inc Intoxilyzer 5000 Instructor
CMI, Inc Maintenance and Repair, Intoxilyzer 5000
Guth Laboratories, Simulator Model 2100 & Model 34C Repair and Calibration
CMI, Inc Intoxilyzer 8000 Operation, Maintenance & Calibration
CMI, Inc Intoxilyzer 8000 Advanced Repair, Maintenance & Calibration

Professional Organizations, Affiliations and Memberships

International Association for Chemical Testing, Inc.
Former Member: International Law Enforcement Educators and Trainers Association
Basic Law Enforcement Curricula Committee for Traffic Stops, DUI, Field Sobriety
 Testing and HGN Development

Professional Training & Education Provided

Adjunct Instructor: University of North Florida, Institute of Police Technology &
 Management
Adjunct Instructor: Tallahassee Community College
Instructor for Florida County Court Judge Training

Expert Testimony Provided

Federal Court
 Montana District Federal Magistrate Court
 US Air Force Courts Martial

Florida Courts

Alachua County	Columbia County	Duval County
Escambia County	Marion County	Okaloosa County
St. John's County	Clay County	Flagler County
Bay County	Suwannee County	Washington County
Nassau County	Jefferson County	Walton County

Georgia Courts

Cobb County
Gwinnett County
Floyd County

Montana

Cascade County Justice Court
8th District Court
Supreme Court (315 Mont. 480, 68 P.3d 848)

Areas of Expert Testimony Provided

Alcohol and the Human Body	Forensic Alcohol Toxicology
Pharmacokinetics of Ethanol	Pharmacodynamics of Ethanol
Intoxilyzer 5000 (64, 68 & EN)	Intoxilyzer 8000
Standardized Field Sobriety Testing	Medial Legal Blood Conversion
Hand held Breath Test Instruments (PBT)	Horizontal Gaze Nystagmus (HGN)
Retrograde Extrapolation	Widmark Calculations
Florida Rules for Alcohol Analysis	Breath Testing Curricula
Frye & Daubert Standard in Breath Testing	National Safety Council Standards
Methods of Alcohol Analysis	Infrared Breath Alcohol Analysis
Electro-Chemical Breath Alcohol Analysis	Quality Control Procedures
Forensic and Legal Aspects of Breath Alcohol Analysis	
Breath Alcohol Analysis, Theory and Operation	
Pharmacology and Toxicology of Ethyl Alcohol	