

GLENN G. HARDIN CURRICULUM VITAE

EDUCATION

Bachelor of Science in Chemistry
University of California, Berkeley, California, 1984

Master of Public Health in Forensic Science
University of California, Berkeley, California, 1988

PROFESSIONAL EXPERIENCE

Forensic Toxicologist, The Tox Group, St. Paul, MN, 2007-Present. Interpret alcohol and drug tests and the effects of alcohol and drugs on human performance, behavior, and memory.

Professor of Practice in the Forensic Sciences, Hamline University, St. Paul, MN, 2008-Present. Responsible for designing and delivering a curriculum for the forensic sciences program.

Scientific Director, RSI Laboratories, Minneapolis, MN, 2008-Present. Responsible for providing project management and technical direction for the forensic drug testing (FDT) laboratory.

Toxicology Supervisor, Minnesota Bureau of Criminal Apprehension, Forensic Science Laboratory, St. Paul, MN, 1998-2008. Provided project management and technical direction for the blood alcohol, drug, and breath-alcohol testing sections.

Adjunct Associate Professor, Graduate Toxicology Program, University of Minnesota, St. Paul, MN, 2002-2006. Designed and delivered a series of lectures on the forensic aspects of alcohol and drugs.

Forensic Scientist, Toxicology Section, Minnesota Bureau of Criminal Apprehension, Forensic Science Laboratory, St. Paul, MN, 1989-1998. Tested blood and urine samples for alcohol and drugs.

CERTIFICATIONS

Diplomate, American Board of Forensic Toxicology (DABFT)
Toxicological Chemist, National Registry of Certified Chemists (1991-2006)

AFFILIATIONS

American Academy of Forensic Sciences
Society of Forensic Toxicologists
International Association for Chemical Testing

PUBLICATIONS

Zittel, DB, Hardin, GG. Comparison of blood ethanol concentrations in simultaneously collected expired and unexpired venipuncture tubes. *J Anal Toxicol*, 2006; 30 (5): 317-318.

Sreerama L, Hardin GG. Improper sealing caused by the Styrofoam integrity seals in leakproof plastic bottles lead to significant loss of ethanol in frozen evidentiary urine samples. *J Forensic Sci*, 2003; 48 (3): 672-676.

Hardin GG. Postmortem blood and vitreous humor ethanol concentrations in a victim of a fatal motor vehicle crash. *J Forensic Sci*, 2002; 47(2): 402-403.

Inman K, Hardin G, Sensabaugh GF, Thornton JI. Concerning the solubility of sugar in gasoline. *J Forensic Sci*, 1993; 38: 757.

Borgias BA, Hardin GG, Raymond KN. Characterization and structure of $[\text{H}_3\text{O}_7]^+$ $[\text{As}(\text{catecholate})_3]^-$ p-dioxane. *Inorg Chem*, 1986; 25: 1057-1060.

SCIENTIFIC PRESENTATIONS

Fuller KM, Stoll DR, Steinkraus LD, Pasha MS, Hardin GG, Carr PW. Fast gradient elution liquid chromatography for rapid screening of drugs of abuse in blood. Presented at the Annual Meeting of the Society of Forensic Toxicologists, 2005.

Sreerama L, Janski S, Ford SJ, Dempich JC, Weatherson H, Hardin GG. Influence of common work-place/industrial organic solvents and their formulations (interferents) present in simulated breath samples on ethanol quantitative analysis by Intoxilyzer[®] 5000EN (Series 68-01). Presented at the Annual Meeting of the American Academy of Forensic Sciences, 2001

Hardin GG. Postmortem blood and vitreous humor ethanol concentrations in a victim of a fatal motor vehicle crash: A case report. Presented at the Annual Meeting of the American Academy of Forensic Sciences, 2001

Sreerama L, Nelson JK, Meyer RF, Hardin GG. Influence of sodium fluoride (NaF) concentration on quantitative analysis of ethanol by headspace gas chromatography (HSGC) in urine samples. Presented at the Annual Meeting of the Society of Forensic Toxicologists, 2000

Sreerama L, Gallagher S, Pulju P, Hardin GG. Comparison of ethyl alcohol concentrations in simultaneously collected blood breath and urine samples: A field study. Presented at the Annual Meeting of the Society of Forensic Toxicologists, 2000

Sreerama L, Ukestad EL, Meyer RF, Hardin GG. Comparison of ethyl alcohol concentrations in simultaneously collected from blood, breath, and urine samples. Presented at the Annual Meeting of the American Academy of Forensic Sciences, 2000.

Hardin GG, Klaus SN. Evaluation of STC micro-plate EIA for drugs of abuse testing in whole blood: Comparison of manual method and the PersonalLAB™ automated immunodiagnostic analyzer. Presented at the Annual Meeting of the American Academy of Forensic Sciences, 2000.

Jejurikar SG, Hardin GG, Williams LM, Winger NR, Meyer RF. Evaluation of STC EIA cannabinoid and cocaine metabolite micro-plate assays in whole blood. Presented at the Annual Meeting of the American Academy of Forensic Sciences, 1997

Jejurikar SG, Hardin GG. DWI forensic blood and urine alcohol quality control in Minnesota. Presented at the Annual Meeting of the Society of Forensic Toxicologists, 1996

Hardin GG, Meyer RF, Jejurikar SG. Corroboration study—a comparison of DRE opinions and toxicology evaluations of impaired drivers in Minnesota. Presented at the Annual Meeting of the Society of Forensic Toxicologists, 1993

Hardin GG. Properties of illegal drug precursors. Presented at the Semi-Annual Meeting of the California Association of Criminalists, 1988

INVITED LECTURES

“Forensic Toxicology in Minnesota,” Bethel University, January 2008

“Forensic Aspects of Alcohol”, Minnesota New Judges Orientation, October 2007

“Forensic Aspects of Alcohol”, Criminal Justice Institute, Minnesota State Bar Association, August 2007

“The Intoxilyzer”, Minnesota State Bar Association, April 2007

“Forensic Aspects of Alcohol”, Ramsey County Bar Association, February 2007

“Forensic Aspects of Alcohol”, Minnesota State Bar Association, January 2007

“Forensic Toxicology in Minnesota,” Bethel University, January 2007

“Alcohol Testing and the Intoxilyzer,” Minnesota Judges Conference, November 2006

“DWI: Forensic Considerations,” Minnesota County Attorney’s Association, October 2006

“Alcohol Testing and the Intoxilyzer,” Minnesota New Judges Orientation, May 2006

“Forensic Toxicology in Minnesota,” Bethel University, January 2006

“Minnesota Toxicology Services,” Minnesota DRE Recertification Course, January 2006

“Forensic Toxicology in Minnesota,” Bethel University, 2005

“Minnesota Toxicology Update,” Minnesota DRE Recertification Course, 2004

“Alcohol Pharmacology and Toxicology,” On-Site Testing/180 Degrees, 2004
“Alcohol and the Intoxilyzer,” Minnesota New Judges Orientation, 2004
“Toxicology Services,” Minnesota DRE Recertification Course, 2003
“Alcohol and the Intoxilyzer,” Minnesota New Judges Orientation, 2003
“Alcohol Testing Issues,” Minnesota County Attorneys Association, 2003
“Forensic Toxicology in Minnesota,” University of Minnesota, 2003
“Alcohol and the Intoxilyzer,” Minnesota Judicial College, 2002
“Alcohol and the Intoxilyzer,” Minnesota New Judges Orientation, 2002
“Aspects of Forensic Toxicology,” University of Minnesota, 2001
“Examination of the Scientific Expert Witness,” Robbins, Kaplan, Miller & Ciresi, 2001
“Analysis of Whole Blood for Drugs of Abuse Using STC Micro-plate Enzyme Immunoassay,” American Academy of Forensic Sciences, February 2000
“Proving Impairment—Alcohol,” Minnesota County Attorneys Association, 2000
“Forensic Toxicology: Some Considerations,” St. Cloud State University, 2000
“Alcohol Pharmacology and Toxicology,” Minnesota County Attorney’s Association, 1999
“Minnesota Forensic Alcohol Program,” Minnesota Chromatography Forum, 1998
“Toxicology of Drugs of Abuse,” Minnesota DRE Recertification Course, 1995

PROFESSIONAL TRAINING

Clinical Chemistry and Forensic Toxicology, American Academy of Forensic Sciences, 2003
Antipsychotic Drugs, American Academy of Forensic Sciences, 2003
Drugs, Driving, and Human Performance, American Academy of Forensic Sciences, 2001
Marijuana: A Forensic Symposium, American Academy of Forensic Sciences, 1999
Human Performance/Drugs and Driving Seminar, Society of Forensic Toxicologists, 1996
Inspector Training Course, College of American Pathologists Forensic Urine Drug Testing (FUDT) Laboratory Accreditation Program, 1996
Human Performance/Drugs and Driving, Society of Forensic Toxicologists, 1993
Analytical Toxicology Workshop, Society of Forensic Toxicologists, 1993
Laboratory Aspects of Forensic Urine Drug Testing, Center for Human Toxicology, University of Utah, 1992