

Curriculum Vitae

Andrew Gingras

Forensic Toxicologist
Washington State Patrol Toxicology Laboratory Division
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Seattle, WA 98134
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Education

Master of Science, Forensic Science
University of Alabama at Birmingham
Birmingham, AL, May 2005

Bachelor of Science, Cell and Molecular Biology
Minor, Chemistry
University of Washington
Seattle, WA, December 2002

Professional Experience

Forensic Scientist III, Washington State Patrol Toxicology Laboratory Division,
November 2014- present

Forensic Scientist III, Washington State Patrol Crime Laboratory Division, Crime Scene
Response Team, January 2015- present

Forensic Scientist II, Washington State Patrol Toxicology Laboratory Division, June
2013 – November 2014

Forensic Scientist II/III, Alabama Department of Forensic Sciences, November 2007-
May 2013

Forensic Scientist I, Alabama Department of Forensic Sciences, May 2005-November
2007

Guest Lecturer, Topics including ethanol effects and testing methods, University of
Alabama at Birmingham, Three occasions from 2006-2012

Lab Technician, Fred Hutchinson Cancer Research Center, December 2002-July 2003

Lab Aide, Fred Hutchinson Cancer Research Center, June 2002-December 2002

Certifications

Certified Blood Alcohol Analyst –Washington State Patrol, Toxicology Laboratory Division, 2013

Certified Blood Alcohol Analyst –Alabama Department of Forensic Sciences, 2009-2013

Certified Draeger Operator –Alabama Department of Forensic Sciences, 2005-2013

Training

Horizontal Gaze Nystagmus, Presented by Karl Citek, OD, PhD, FAAO, Professor of Optometry, Pacific University College of Optometry, Washington State Patrol, 2013, 2023

Surface Skeleton and Buried Body Recovery Seminar, Laura C. Fulginiti, PhD and Retired Det. Frank Di Modica, Peoria Police Department, 2023

The Fluid Dynamics of Bloodstain Pattern Formation, ESR Science for Communities, 2019

Crime Scene Reconstruction Course, Reynolds Forensic Consulting, 2018

Society of Forensic Toxicology (SOFT) and The International Association of Forensic Toxicology annual meeting, 2018

Forensic Shooting Incident Reconstruction Course, Forensic Science Consultants, 2017

Basic Crime Scene Photography Course, Federal Bureau of Investigation, Seattle Division, 2016

Advance Roadside Impaired Driving Enforcement, Washington State DRE Program, 2015

Bloodstain Pattern Analysis I, Bevel Gardner & Associates, 2015

Crime Scene Processing for Latent Print Evidence, Washington State Patrol Crime Laboratory Division, 2015

The Robert F. Borkenstein Center for Studies of Law in Action: The Effects of Drugs on Human Performance and Behavior, Indiana University, The Center for Forensic Science Research and Education, 2014

American Academy of Forensic Sciences (AAFS) annual meeting, 2004, 2005, 2010, 2014

Agilent 6400 Series LC/MS QQQ Techniques and Operation, Agilent Technologies, 2013

Draeger New Operator and/or Recertification Course, Alabama Department of Forensic Sciences, 2005-2009, 2011-2012

Alabama Ethics Law Training, Alabama Ethics Commission, 2012

Alabama State Association of Forensic Sciences (ASAFS) annual meeting, 2006, 2011, 2012

Restek GC/MS Seminar, ASAFS annual meeting, 2012

Assessment and Interpretation of Toxicology in Neonatal, Pediatric, and Geriatric Deaths, AAFS annual meeting, 2010

Z Drugs on Demand, National Institute of Justice and RTI International online course, 2009

Fundamentals of LC/MS/MS, National Institute of Justice and RTI International online course, 2009

Opioids on Demand, National Institute of Justice and RTI International online course, 2009

Best Practices for Volumetric Measurement, National Institute of Justice and RTI International online course, 2009

Alabama Peace Officers Standards and Training Commission Police Academy, Northeast Alabama Law Enforcement Academy, 2008

Alabama Bar Institute for Continuing Legal Education DUI Defense Seminar, 2005, 2008

Southern Association of Forensic Sciences annual meeting, 2006, 2007

Cumberland School of Law DUI Seminar, 2005, 2006

The Robert F. Borkestein Course on Alcohol and Highway Safety: Testing, Research, and Litigation, Indiana University, Department of Criminal Justice, Center for Studies of Law in Action, 2005