

CURRICULUM VITAE

Justin Knoy

Forensic Toxicologist

Washington State Toxicology laboratory
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EMPLOYMENT:

- **Forensic Scientist III** – Washington State Toxicology Laboratory, Seattle, WA. March 2008 to Present
 - Perform qualitative/quantitative chemical analyses on biological samples for ethanol and drugs.
 - Prepare and certify simulator solutions for use by the BAC Datamaster instrument.
 - Carry out routine maintenance on laboratory instruments (GCFID, GCMS/NPD, LCMS, LCMSMS)
 - Interpret analytical results for law enforcement agencies, attorneys, and medical examiners.
 - Provide testimony to the analytical results and the physical/psychomotor effects of ethanol and drugs on an individual.
- **Forensic Scientist II** – Washington State Toxicology Laboratory, Seattle, WA. August 2006 – March 2008.
- **Forensic Scientist I** – Washington State Toxicology Laboratory, Seattle, WA. October 2005 – August 2006.
- **Graduate Teaching Assistant** – Biology Department, Marshall University, Huntington WV. August 2004 – May 2005
- **Intern** – Alabama Department of Forensic Sciences, Chemistry section. Florence, AL. May 2004 – August 2004.
- **Laboratory Assistant** – United States Department of Agriculture, West Lafayette, IN. April 2002 – August 2002 & January 2003 – August 2003

EDUCATION:

- **Master of Science** – Forensic Chemistry, Marshall University, Huntington, WV. May 2005
- **Bachelor of Science** – Genetic Biology (Minors in Chemistry and Psychology), Purdue University, West Lafayette, IN. May 2003

TRAINING:

- 18th Annual IACP Training Conference on Drugs, Alcohol, and Impaired Driving. Seattle, WA. August 16-18, 2012.
- California Association of Toxicologists. Forensic Alcohol symposium. Glendale CA. November 4-5, 2012.

- New and Emerging Drugs of Abuse; Dr. Leo Kadehjian, Siemens webinar. 1/11/2011.
- Horizontal Gaze Nystagmus; Dr. Karl Citek. 1/05/2011.
- K2 and the Synthetic Cannabinoids: Pharmacology, Effects, and Chemical Analysis; Dr. Barry Logan, NMS Laboratory.
- Supelco Innovations in Chromatography and Sample Prep; Sigma-Aldrich. 07/20/2010.
- Introduction to Uncertainty in Forensic Chemistry and Toxicology I, II, III; online courses provided by National Institute of Justice. 03/03/09, 03/17/09, 03/31/09.
- Advanced Roadside Impaired Driving Enforcement (A.R.I.D.E.); Seattle Police Department DUI/DRE Squad. 11/24-11/25/2008.
- Robert F. Borckenstein Course “DUID: The Effects of Drugs on Human Performance and Behavior”; Center for Studies of Law in Action. 4/13-4/18/2008.
- International Council on Alcohol, Drugs, and Traffic Safety (ICADTS) & the International Association of Forensic Toxicologists (TIAFT). Seattle, WA. 8/26-8/30/2007.
- LCMS Seminar; Restek Corporation. 1/26/2007.
- National Highway Traffic Safety Association: DWI Detection and Standardized Field Sobriety Testing Course: Seattle Police Department DUI/DRE Squad. 9/20-9/22/2006.
- Robert F. Borckenstein Course on Alcohol, Drugs, and Highway Safety: Testing, Research, and Litigation; Center for Studies of Law in Action. 5/21-5/26/2006.
- National Highway Traffic Safety Association: Drugs that Impair Driving Course: Seattle Police Department DUI/DRE Squad. 3/16/2006.
- Identification Criteria for Drugs with Mass Spectrometry: Current Recommendations and Prospects for Emerging MS Techniques; American Academy of Forensic Sciences. 3/21/2006.
- GC/MS Training Seminar; Restek Corporation. 02/16/2006.

LICENSES & CERTIFICATIONS:

- **Forensic Scientist III Certification** – Certified to analyze casework and perform duties of a forensic toxicologist. Effective March 16, 2008.
- **Forensic Scientist II Certification** – Certified to analyze casework and perform duties of a forensic toxicologist. Effective August 15, 2006.
- **Blood Alcohol Analyst Permit** – Issued by the Washington State Toxicologist – Effective October 2005.

ASSOCIATIONS:

- **International Association for Chemical Testing (IACT):** 5/2010-12/2013.