

# Forensic Toxicology Resources

Resources referenced in: *What should be behind a quality toxicology report?*

Presented: December 3, 2013 by Peter Stout, Ph.D., D-ABFT

<b>Resources for RTI and forensic toxicology in general</b>	
<a href="http://www.rti.org">www.rti.org</a>	Institutional information about <i>RTI International</i>
<a href="http://www.rti.org/forensics">www.rti.org/forensics</a>	Program specific information within RTI
<a href="http://www.forensicCOE.org">www.forensicCOE.org</a>	The <i>Forensic Technology Center of Excellence (FTCoE)</i> provides testing, evaluation, technology transition assistance, and other services for use by crime laboratories, forensic service providers, law enforcement, and other criminal justice agencies whose mission is to combat crime.
<a href="http://www.forensicED.org">www.forensicED.org</a>	RTI International's <i>Center for Forensic Sciences Continuing Education Program</i> offers no-cost online forensic science courses in forensic toxicology, medicolegal death investigation, crime scene investigation, SUID investigation, SART / SANE / SAFE training, law enforcement, and many more areas.
<a href="http://www.bjs.gov/content/pub/pdf/cpffcl09.pdf">http://www.bjs.gov/content/pub/pdf/cpffcl09.pdf</a>	Census of Publicly Funded Forensic Crime Laboratories, 2009 – report
<a href="http://www.bjs.gov/content/pub/pdf/meco04.pdf">http://www.bjs.gov/content/pub/pdf/meco04.pdf</a>	Bureau of Justice Statistics Special Report June 2007, U.S. Department of Justice Office of Justice Programs Medical Examiners and Coroners' Offices, 2004
<a href="http://www.questdiagnostics.com/home/physicians/health-trends/drug-testing">http://www.questdiagnostics.com/home/physicians/health-trends/drug-testing</a>	Quest Diagnostics Drug Testing Index™  The Drug Testing Index, an industry standard, examines positivity rates to provide a comprehensive analysis of workplace drug-use trends among three major testing populations: 1. Federally Mandated, Safety-Sensitive workers 2. General U.S. Workforce 3. Combined U.S. Workforce
<a href="http://www.workplace.samhsa.gov/">http://www.workplace.samhsa.gov/</a>	Workplace Resource Center  The Division of Workplace Programs (DWP) is mandated by Executive Order and Public Law to provide oversight for •The Federal Drug-Free Workplace Program, which aims to eliminate illicit drug use in the Federal workforce, and for •The National Laboratory Certification Program, which certifies laboratories to conduct forensic drug testing for the Federal agencies and for some federally regulated industries.
<a href="http://www.soft-tox.org/files/SOFT_Brochure_(2013).pdf">http://www.soft-tox.org/files/SOFT_Brochure_(2013).pdf</a>	Society of Forensic Toxicology overview of Forensic Toxicology
<b>Helpful additional courses</b>	
<a href="https://www.forensiced.org/training/viewcourse.cfm?moduleid=15d7eb7c-e2a0-4cc1-85f6-69bb2cdcd31a">https://www.forensiced.org/training/viewcourse.cfm?moduleid=15d7eb7c-e2a0-4cc1-85f6-69bb2cdcd31a</a>	Fundamentals of Chromatography used in Toxicology
<a href="https://www.forensiced.org/training/viewcourse.cfm?moduleid=8D8CA942-AD16-4AD3-965A-D83C56789B67">https://www.forensiced.org/training/viewcourse.cfm?moduleid=8D8CA942-AD16-4AD3-965A-D83C56789B67</a>	Fundamentals of Immunoassay Testing Used in Toxicology
<a href="https://www.forensiced.org/training/viewcourse.cfm?moduleid=5fe2e933-eb5a-45c7-aff9-05ff29268ad2">https://www.forensiced.org/training/viewcourse.cfm?moduleid=5fe2e933-eb5a-45c7-aff9-05ff29268ad2</a>	Fundamentals of Mass Spectrometry used in Toxicology
<a href="https://www.forensiced.org/training/viewcourse.cfm?moduleid=7DE06969-21B9-437E-A42C-81E5577586EF">https://www.forensiced.org/training/viewcourse.cfm?moduleid=7DE06969-21B9-437E-A42C-81E5577586EF</a>	Fundamentals of Non-Mass Selective Detectors
<a href="https://www.forensiced.org/training/viewcourse.cfm?moduleid=e2c7bdbd-24fa-465d-a8d9-314c2966be26">https://www.forensiced.org/training/viewcourse.cfm?moduleid=e2c7bdbd-24fa-465d-a8d9-314c2966be26</a>	Fundamentals of Sample Preparation used in Toxicology

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<a href="https://www.forensiced.org/training/viewcourse.cfm?moduleid=7CE1F01E-5965-456F-8B0C-992940F32D55">https://www.forensiced.org/training/viewcourse.cfm?moduleid=7CE1F01E-5965-456F-8B0C-992940F32D55</a>	An Introduction to the American Board of Forensic Toxicology (ABFT)
<a href="https://www.forensiced.org/training/viewcourse.cfm?moduleid=c3f1281b-cca7-4b1d-818e-2b15a44faadf">https://www.forensiced.org/training/viewcourse.cfm?moduleid=c3f1281b-cca7-4b1d-818e-2b15a44faadf</a>	Introduction to the Crime Laboratory – Understanding Its Role and Purpose
<a href="https://www.forensiced.org/training/viewcourse.cfm?moduleid=fd2f9c6-4d9e-4e7c-a6fd-c5301474a49d">https://www.forensiced.org/training/viewcourse.cfm?moduleid=fd2f9c6-4d9e-4e7c-a6fd-c5301474a49d</a>	Managing Quality and Reliability in the Crime Laboratory: A Lawyer’s Perspective
<b>Forensic toxicology specific certification resources</b>	
<a href="http://abft.org/">http://abft.org/</a>	American Board of Forensic Toxicology
<a href="http://home.usit.net/~robsears/ftcb/">http://home.usit.net/~robsears/ftcb/</a>	Forensic Toxicology Certification Board
<a href="http://thefsab.org/">http://thefsab.org/</a>	Forensic Specialties Accreditation Board
<b>Popular media stories</b>	
There are an enormous number of articles and stories in the popular media about forensic issues. These are just a <b>few</b> more current and pertinent stories.	
<a href="http://www.pbs.org/wgbh/pages/frontline/criminal-justice/real-csi/no-forensic-background-no-problem/">http://www.pbs.org/wgbh/pages/frontline/criminal-justice/real-csi/no-forensic-background-no-problem/</a>	No Forensic Background? No Problem April 17, 2012
<a href="http://www.pbs.org/wgbh/pages/frontline/real-csi/">http://www.pbs.org/wgbh/pages/frontline/real-csi/</a>	Frontline and ProPublica story “The Real CSI”
<a href="http://www.acfei.com/">http://www.acfei.com/</a>	American College of Forensic Examiners Institute. American Board of Forensic Examiners was associated with this, now no longer really in existence.
<a href="http://online.wsj.com/news/articles/SB10001424052702303559504579198103012275682">http://online.wsj.com/news/articles/SB10001424052702303559504579198103012275682</a>	Gathering of Forensic Evidence Goes on Trial in Texas, Wall Street Journal, November 15, 2013
<a href="http://www.bostonglobe.com/metro/2013/10/23/annie-dookhan-could-serve-five-years-she-pleads-guilty-drug-lab-scandal/0UVysgOLspFnTR5BDy99QO/story.html">http://www.bostonglobe.com/metro/2013/10/23/annie-dookhan-could-serve-five-years-she-pleads-guilty-drug-lab-scandal/0UVysgOLspFnTR5BDy99QO/story.html</a>	Annie Dookhan may get 5 years in prison with guilty plea, Boston Globe, Oct 24, 2013
<b>Forensic toxicology accreditation resources</b>	
<a href="http://abft.org/">http://abft.org/</a>	American Board of Forensic Toxicology. Postmortem toxicology and human performance toxicology
<a href="http://www.workplace.samhsa.gov/">http://www.workplace.samhsa.gov/</a>	Workplace Resource Center  The Division of Workplace Programs (DWP) is mandated by Executive Order and Public Law to provide oversight for <ul style="list-style-type: none"> <li>•The Federal Drug-Free Workplace Program, which aims to eliminate illicit drug use in the Federal workforce, and for</li> <li>•The National Laboratory Certification Program, which certifies laboratories to conduct forensic drug testing for the Federal agencies and for some federally regulated industries.</li> </ul>
<a href="http://www.asclid-lab.org/">http://www.asclid-lab.org/</a>	American Society of Crime Laboratory Directors / Laboratory Accreditation Board
<a href="http://www.a2la.org/#">http://www.a2la.org/#</a>	American Association for Laboratory Accreditation (A2LA)
<a href="http://fqsforensics.org/">http://fqsforensics.org/</a>	ANSI-ASQ National Accreditation Board FQS is a member of the ANSI-ASQ National Accreditation Board family of brands. FQS provides accreditation for ISO/IEC 17025 forensic test laboratories and ISO/IEC 17020 forensic inspection agencies.

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<a href="http://www.cms.gov/Regulations-and-Guidance/Legislation/CLIA/index.html?redirect=/clia/">http://www.cms.gov/Regulations-and-Guidance/Legislation/CLIA/index.html?redirect=/clia/</a>	Clinical Laboratory Improvement Amendments (CLIA)  The Centers for Medicare & Medicaid Services (CMS) regulates all laboratory testing (except research) performed on humans in the U.S. through the Clinical Laboratory Improvement Amendments (CLIA). In total, CLIA covers approximately 239,000 laboratory entities. The Division of Laboratory Services, within the Survey and Certification Group, under the Center for Clinical Standards and Quality (CCSQ) has the responsibility for implementing the CLIA Program.
<a href="http://www.cap.org/apps/cap.portal?nfpb=true&amp;pageLabel=accreditation">http://www.cap.org/apps/cap.portal?nfpb=true&amp;pageLabel=accreditation</a>	College of American Pathologists, Accreditation and laboratory Improvement Programs
<b><i>Forensic toxicology specific scientific resources</i></b>	
<a href="http://www.swgtox.org/">http://www.swgtox.org/</a>	Scientific Working Group for Forensic Toxicology
<a href="http://www.soft-tox.org/">http://www.soft-tox.org/</a>	Society of Forensic Toxicologists
<a href="http://www.aafs.org/">http://www.aafs.org/</a>	American Academy of Forensic Sciences
<a href="http://www.sciencemag.org/content/342/6154/60.full">http://www.sciencemag.org/content/342/6154/60.full</a>	A writer for <b>Science</b> magazine fabricated a scientific article that had glaring, intentional errors and submitted it to 304 open-access journals for publication. The writer says that anyone with a “high-school knowledge of chemistry...should have spotted the paper's short-comings immediately” because “its experiments are so hopelessly flawed that the results are meaningless.”
<a href="http://jat.oxfordjournals.org/">http://jat.oxfordjournals.org/</a>	Journal of Analytical Toxicology, the official Journal of the Society of Forensic Toxicologists
<a href="http://www.journals.elsevier.com/forensic-science-international/">http://www.journals.elsevier.com/forensic-science-international/</a>	Forensic Science International
<a href="http://onlinelibrary.wiley.com/journal/10.1111/%28ISSN%291556-4029">http://onlinelibrary.wiley.com/journal/10.1111/%28ISSN%291556-4029</a>	Journal of Forensic Sciences, Official Journal of the American Academy of Forensic Sciences
<a href="http://www.aacc.org/publications/clin_chem/Pages/default_old.aspx#">http://www.aacc.org/publications/clin_chem/Pages/default_old.aspx#</a>	Clinical Chemistry, A Journal of the American Association of Clinical Chemistry
<a href="http://www.tandfonline.com/toc/ulgm20/current#.Uotf7uKF39M">http://www.tandfonline.com/toc/ulgm20/current#.Uotf7uKF39M</a>	Journal of Legal Medicine
<a href="http://www.journals.elsevier.com/journal-of-chromatography-b/">http://www.journals.elsevier.com/journal-of-chromatography-b/</a>	Journal of Chromatography B