

Forensic Toxicology Resources

Resources referenced in: The Fragility of Justice, Why you should be interested in forensic toxicology

Presented: May 5, 2014 by Peter Stout, Ph.D., D-ABFT

Resources for RTI and forensic toxicology in general	
www.rti.org	Institutional information about <i>RTI International</i>
www.rti.org/forensics	Program specific information within RTI
www.forensicCOE.org	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.
www.forensicED.org	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.
http://www.bjs.gov/content/pub/pdf/cpffcl09.pdf	Census of Publicly Funded Forensic Crime Laboratories, 2009 – report
http://www.bjs.gov/content/pub/pdf/meco04.pdf	Bureau of Justice Statistics Special Report June 2007, U.S. Department of Justice Office of Justice Programs Medical Examiners and Coroners' Offices, 2004
http://www.questdiagnostics.com/home/physicians/health-trends/drug-testing	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
http://www.workplace.samhsa.gov/	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.
http://www.soft-tox.org/files/SOFT_Brochure_(2013).pdf	Society of Forensic Toxicology overview of Forensic Toxicology
Helpful additional courses	
https://www.forensiced.org/training/viewcourse.cfm?moduleid=15d7eb7c-e2a0-4cc1-85f6-69bb2cdcd31a	Fundamentals of Chromatography used in Toxicology
https://www.forensiced.org/training/viewcourse.cfm?moduleid=8D8CA942-AD16-4AD3-965A-D83C56789B67	Fundamentals of Immunoassay Testing Used in Toxicology
https://www.forensiced.org/training/viewcourse.cfm?moduleid=5fe2e933-eb5a-45c7-aff9-05ff29268ad2	Fundamentals of Mass Spectrometry used in Toxicology
https://www.forensiced.org/training/viewcourse.cfm?moduleid=7DE06969-21B9-437E-A42C-81E5577586EF	Fundamentals of Non-Mass Selective Detectors
https://www.forensiced.org/training/viewcourse.cfm?moduleid=e2c7bdbd-24fa-465d-a8d9-314c2966be26	Fundamentals of Sample Preparation used in Toxicology

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https://www.forensiced.org/training/viewcourse.cfm?moduleid=7CE1F01E-5965-456F-8B0C-992940F32D55	An Introduction to the American Board of Forensic Toxicology (ABFT)
https://www.forensiced.org/training/viewcourse.cfm?moduleid=c3f1281b-cca7-4b1d-818e-2b15a44faadf	Introduction to the Crime Laboratory – Understanding Its Role and Purpose
https://www.forensiced.org/training/viewcourse.cfm?moduleid=fd2f9c6-4d9e-4e7c-a6fd-c5301474a49d	Managing Quality and Reliability in the Crime Laboratory: A Lawyer’s Perspective
<i>Forensic toxicology specific certification resources</i>	
http://abft.org/	American Board of Forensic Toxicology
http://home.usit.net/~robsears/ftcb/	Forensic Toxicology Certification Board
http://thefsab.org/	Forensic Specialties Accreditation Board
<i>Popular media stories</i>	
There are an enormous number of articles and stories in the popular media about forensic issues. These are just a few more current and pertinent stories.	
http://www.pbs.org/wgbh/pages/frontline/criminal-justice/real-csi/no-forensic-background-no-problem/	No Forensic Background? No Problem April 17, 2012
http://www.pbs.org/wgbh/pages/frontline/real-csi/	Frontline and ProPublica story “The Real CSI”
http://www.acfei.com/	American College of Forensic Examiners Institute. American Board of Forensic Examiners was associated with this, now no longer really in existence.
http://online.wsj.com/news/articles/SB10001424052702303559504579198103012275682	Gathering of Forensic Evidence Goes on Trial in Texas, Wall Street Journal, November 15, 2013
http://www.bostonglobe.com/metro/2013/10/23/annie-dookhan-could-serve-five-years-she-pleads-guilty-drug-lab-scandal/0UVysgOLspFnTR5BDy99QO/story.html	Annie Dookhan may get 5 years in prison with guilty plea, Boston Globe, Oct 24, 2013
<i>Forensic toxicology accreditation resources</i>	
http://abft.org/	American Board of Forensic Toxicology. Postmortem toxicology and human performance toxicology
http://www.workplace.samhsa.gov/	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"> •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.
http://www.asclid-lab.org/	American Society of Crime Laboratory Directors / Laboratory Accreditation Board
http://www.a2la.org/#	American Association for Laboratory Accreditation (A2LA)
http://fqsforensics.org/	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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http://www.cms.gov/Regulations-and-Guidance/Legislation/CLIA/index.html?redirect=/clia/	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.
http://www.cap.org/apps/cap.portal?nfpb=true&pageLabel=accreditation	College of American Pathologists, Accreditation and laboratory Improvement Programs
<i>Forensic toxicology specific scientific resources</i>	
http://www.swgtox.org/	Scientific Working Group for Forensic Toxicology
http://www.soft-tox.org/	Society of Forensic Toxicologists
http://www.aafs.org/	American Academy of Forensic Sciences
http://www.sciencemag.org/content/342/6154/60.full	A writer for Science 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.”
http://jat.oxfordjournals.org/	Journal of Analytical Toxicology, the official Journal of the Society of Forensic Toxicologists
http://www.journals.elsevier.com/forensic-science-international/	Forensic Science International
http://onlinelibrary.wiley.com/journal/10.1111/%28ISSN%291556-4029	Journal of Forensic Sciences, Official Journal of the American Academy of Forensic Sciences
http://www.aacc.org/publications/clin_chem/Pages/default_old.aspx#	Clinical Chemistry, A Journal of the American Association of Clinical Chemistry
http://www.tandfonline.com/toc/ulgm20/current#.Uotf7uKF39M	Journal of Legal Medicine
http://www.journals.elsevier.com/journal-of-chromatography-b/	Journal of Chromatography B