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Chemical test discovery in civil and criminal cases: a primer

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Recommended Citation

Indiana Continuing Legal Education Forum (ICLEF), "Chemical test discovery in civil and criminal cases: a primer" (2020). *Indiana Continuing Legal Education Forum 2020*. 23.
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CHEMICAL TEST DISCOVERY IN CIVIL & CRIMINAL CASES: A PRIMER

October 9, 2020

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**CHEMICAL TEST DISCOVERY IN
CIVIL & CRIMINAL CASES: A PRIMER**



Topics

- Ethics of Discovery
- Blood Collection
- Hospital vs Forensic lab
- SOPS, Quality Assurance
- Technician records
- Methods and Validations
- Equipment maintenance
- Chromatograms batching
- Urine and drugs

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October 9, 2020

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Charles James Rathburn Jr. is one of the most highly trained attorneys in the United States and specifically in the State of Indiana in this highly specific area of law. Mr. Rathburn is one of a few attorneys in the United States who is been qualified as an expert on breath testing, the standardized field sobriety tests, and alcohol's effects on the human body. He has countless hours of training in these areas and has been invited to speak nationally on these topics. In addition, Mr. Rathburn trains attorneys and judges about how a breath testing machine accepts a sample, analyzes a sample and provides a result from each breath delivery.

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Janine Arvizu is an ASQ Certified Quality Auditor with more than 30 years of experience in laboratory quality assurance. Besides being a trained ISO Lead Auditor, she established and managed a full service analytical laboratory at one of the National Laboratories for the Department of Energy, managed the United States Navy's nationwide laboratory audit program, and audited dozens of government as well as commercial laboratories. For more than 15 years, she has conducted independent quality assessments of forensic results, helped lawyers understand laboratory testing, and testified as a laboratory quality expert about the reliability of forensic results including toxicology, controlled substances, DNA, gunshot residue, trace, firearms and fingerprints in state, federal, and international courts. She holds a Bachelor of Science (B.S.) in Biochemistry from California Polytechnic State University-San Luis Obispo where she graduated with honors and an ABD (Ph.D. candidate) in Chemistry from the University of New Mexico.