

# CURRICULUM VITÆ

## GUY B. OLDAKER III

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### EDUCATION

- West Virginia University College of Law; August 1992 to May 1995; J.D., June 1995.
- Virginia Polytechnic Institute and State University (VPI & SU); June 1975 to September 1978; Ph.D., Chemistry, awarded in 1979.

Course subjects included analytical methods (chromatography, mass spectrometry, electrochemistry), organic chemistry, pharmacology, pharmacokinetics, and toxicology.

- University of Virginia; September 1968 to June 1972; B.A., Chemistry.

Also took classes in the School of Education, where subjects included psychological testing.

### EMPLOYMENT

- **EXPERT WITNESS**, 1995 to present.

As a non-testifying witness, advised law firms on matters involving class actions; toxic torts; regulatory issues; second-degree murder; dram-shop actions (including performing pharmacokinetic calculations of alcohol concentrations); Innocence Project cases; and workers compensation.

Studied the literature in areas having to do with the assessment of alcohol and drug impairment; the measurement of impairment, be it by Standardized Field Sobriety Testing, blood alcohol analysis, or breath-alcohol analysis; and the interpretation of such measurement data. Studies also dealt the identification of and accounting for sources of interfering conditions and substances.

Qualified and testified in more than 50 cases in District Court, Superior Court, and Federal District Court. (See list that follows.) Qualified in the following areas: analytical chemistry; chemistry; interpretation of analytical data; pharmacology; retrograde extrapolation; Standardized Field Sobriety Testing ("SFST"); and toxicology.

- **ATTORNEY AT LAW**, Winston-Salem, North Carolina; 1996 to present. (At present, no active files and no clients.)

Practice was general, and included traffic offenses, family law, DWI, misdemeanors, felonies, juvenile law, toxic torts, assistance with class action lawsuits, and appeals.

In addition to, and separate from my practice, I drafted cross-examination outlines for use by other attorneys, wrote comments on regulations proposed by the Occupational Safety and Health Administration and by the State of California; performed technical and legal review of scientific documents; and did a risk assessment in connection with exposure to toxic air pollutants at airports.

- **ENVIRONMENTAL CONSULTANT**; 1993 to 1995.

Analyzed raw data and drafted reports, one on second-hand smoke yield by various cigarette brand-styles, and another on indoor air quality and ventilation at a large office building. (Work paid for law school.)

- **R.J. REYNOLDS TOBACCO COMPANY**, Research and Development Department; Biochemical/Biobehavioral Group. *Senior Staff R&D Chemist*; 1985 to 1992.

Assisted with the development of methods to assess exposure to second-hand smoke. Was part of the group that patented a device for such assessment. Assessed exposure in passenger cabins of commercial aircraft on domestic and international flights, in offices, and in restaurants. Presented results at scientific meetings in Asia, Europe, and North America. Also spoke at televised press conferences and gave interviews to the news media: television, radio, and press. Drafted comments on regulations proposed by the Environmental Protection Agency (“EPA”). Assisted the Public Issues and Public Relations Departments. Working with the Engineering Department, evaluated the effect of ventilation on second-hand smoke exposure in offices.

- **CENTER FOR INDOOR AIR RESEARCH**, *Executive Director*. 1987 to 1988: [Concurrent with R.J. Reynolds position.]

Oversaw five contracts involving the development and application of analytical-chemistry methods, epidemiology, and toxicology. Budget: ca. \$1.5 million.

- **ENTROPY ENVIRONMENTALISTS, INC.** *Environmental Chemist/Senior Project Manager*. 1978 to 1985.

As an environmental consultant to the EPA, assisted with the development of methods for measuring emissions of carbon monoxide, sulfur dioxide, and nitrogen oxides from stationary sources of air pollution. Provided consultation on enforcement issues involving the use of continuous emission monitoring systems (“CEMS”) at stationary

sources. Presented at EPA-sponsored conferences and workshops at venues throughout the U.S. Drafted manuals for the EPA on topics having to do with air pollution measurement and monitoring and quality assurance. Performed quality assurance (“QA”) audits of laboratories.

Prepared for industry groups comments on proposed EPA regulations. Conducted performance tests of CEMS at venues across the U.S. Provided technical assistance to attorneys in connection with litigation involving CEMS.

Served as in-house QA coordinator. Drafted QA plans as required by the EPA. Was a member of the team that drafted the company’s response to requests for proposals.

- **VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY,** Blacksburg, Virginia. ***Instructor.*** 1977 to 1978.

Taught undergraduate Introductory Chemistry and Organic Chemistry, as well as an advanced laboratory course, which involved gas chromatography, ultraviolet spectroscopy, and infrared spectroscopy.

Awarded Certificate of Teaching Excellence, 1977.

- **VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY,** Blacksburg, Virginia. ***Graduate Teaching Assistant.*** 1975 to 1977.

Oversaw laboratory courses in Introductory Chemistry and Organic Chemistry.

- **ALBEMARLE COUNTY PUBLIC SCHOOLS, Albemarle High School,** Charlottesville, VA. ***Chemistry Teacher,*** 1972 to 1975.

Taught general chemistry. (In addition, was an assistant coach for cross-county, indoor track (1974 AAA State Championship) and outdoor track (1975 AAA State Championship)).

### **REPORTED CASES**

1. *State v. Cornett*, 629 S.E.2d 857, 177 N.C. App. 452, *discretionary review denied & cert. denied*, 640 S.E.2d 56, 361 N.C. 172.
2. *State v. Jackson*, 503 S.E.2d 101, 348 N.C. 644.

## PATENT

- McConnell, B.C.; Oldaker, G.B. III; Walsh, R.F., "Air Sampling Device," United States Patent, Patent No. 4,786,472, November 22, 1988.

## PUBLICATIONS

[Peer-reviewed publications in bold.]

1. **Oldaker, G.B. III; et al., "Reactions of Polyarylated Carbinols. 6. Kinetics of the (1,5) Sigmatropic Phenyl and Para-Substituted-Phenyl Rearrangements in 3,4-Bis (p-substituted-phenyl)-1,2,5-triphenyl-1,3-cyclopentadien-1-ols and 1-(p-substituted phenyl)-2,3,4,5-tetraphenyl-2,4-cyclopentadien-1-ols," *J. Org. Chem.*, **45**, 3910 (1980).**
2. Oldaker, G.B. III; et al., "Quality Assurance Evaluation of Transmissometers" in *Proceedings: Continuous Emission Monitoring: Design, Operation and Experience*. Specialty Conference, Rocky Mountain States Section, Air Pollution Control Association, November 1981, pp. 285-292.
3. Oldaker, G.B. III, *An Update and Discussion of the Critical Aspects of Proposed EPA Reference Method 6B*, July 1982, U.S. EPA CEM Report Series Number: 5-411-7/82.
4. Oldaker, G.B. III; and Peeler, J.W., *Monitor Performance Tests for Pollutant and Diluent Gas Monitors: Reporting Requirements, Report Format, and Review Procedures*, EPA 340/1-83-013, January 1983.
5. **Margeson, J.H.; Knoll, J.E.; Midgett, M.R.; Oldaker, G.B. III; Loder, K.R.; Grohse, P.M.; and Gutknecht, W.F., "Integrated Method for Determining NO<sub>x</sub> Emissions at Nitric Acid Plants," *Anal. Chem.*, **56**, 2607-2610 (1984).**
6. **Margeson, J.H.; Knoll, J.E.; Midgett, M.R.; Oldaker, G.B. III; and Reynolds, W.E., "Determinations of Sulfur Dioxide, Nitrogen Oxides, and Carbon Dioxide in Emissions from Electric Utility Plants by Alkaline Permanganate Sampling and Ion Chromatography," *Anal. Chem.*, **57**, 1586-1590 (1985).**
7. DeWees, W.G.; Segall, R.R.; and Oldaker, G.B. III, "Method 7A-Determination of Nitrogen Oxide Emissions from Stationary Sources (Grab Sampling-Ion Chromatographic Method)," Section 3.14 in *Quality Assurance Handbook for Air Pollution Measurement Systems, Vol. III, Stationary Source Specific Methods*. EPA-600/4-77-027b, August 1977. [Document published in 1986.]

8. **Estes, E.D.; Hardison, D.L.; Oldaker, G.B. III; Butler, F.E.; Knoll, J.E.; and Midgett, M.R., "Evaluation of Reference Methods for Measurement of Carbon Monoxide Emissions at Refineries," *Anal. Chem.*, **58**, 945-950 (1986).**
9. **Oldaker, G.B. III; and Conrad, F.W., Jr., "Estimation of Effect of Environmental Tobacco Smoke on Air Quality within Passenger Cabins of Commercial Aircraft," *Environ. Sci. Technol.*, **21**, 994-999 (1987).**
10. Oldaker, G.B. III "Comment on 'Evaluation of the Effect of Environmental Tobacco Smoke in Airliner Cabin Air Quality'," *Environ. Sci. Technol.*, **22**, 1238-1240 (1988).
11. Oldaker, G.B. III; *et al.*, "On the Use of Environmental Tobacco Smoke Component Ratios," pp. 287-290 in *Present and Future of Indoor Air Quality, Proceedings of the Brussels Conference*, 14-16 February 1989, Excerpta Medica International Congress Series, Amsterdam, C. J. Bieva, Y. Courtois, and M. Govaerts, Eds., 1989.
12. Ogden, M.W.; Nystrom, C.W.; Oldaker, G.B. III; and Conrad, F.W., Jr., "Evaluation of Personal Passive Sampling Device for Determining Exposure to Nicotine in Environmental Tobacco Smoke," *Proceedings of the Environmental Protection Agency/Air and Waste Management Association International Symposium on Measurement of Toxic and Related Air Pollutants*, 1989, pp. 552-558.
13. Oldaker, G.B. III; and Conrad, F.W., Jr., "Results from Measurements of Nicotine in a Tavern," *Proceedings of the Environmental Protection Agency/Air and Waste Management Association International Symposium on Measurement of Toxic and Related Air Pollutants*, 1989, pp. 577-582.
14. Oldaker, G.B. III, "Environmental Tobacco Smoke in Passenger Cabins of Commercial Aircraft," *J. National Cancer Institute*, **81** (18), 1424-1425 (1989).
15. Oldaker, G.B. III, *et al.*, "Results from Surveys of Environmental Tobacco Smoke in Offices and Restaurants," *Indoor Air Quality (International Archives of Occupational and Environmental Health Supplement)*, H. Kasuga, Ed., Springer-Verlag, Berlin, pp. 99-104, 1990.
16. Oldaker, G.B. III, *et al.*, "Estimation of Effect of Environmental Tobacco Smoke on Air Quality within Passenger Cabins of Commercial Aircraft. II," pp. 447-454 in *Indoor Air Quality and Ventilation*, F. Lunau and G.C. Reynolds, Eds., Selper, London, 1990.
17. Conner, J.M.; Oldaker, G.B. III; and Murphy, J.J., "Method for Assessing the Contribution of Environmental Tobacco Smoke to Respirable Suspended Particles in Indoor Environments," *Environ. Technol.*, **11** 189-196 (1990).

18. Crouse, W.E.; Ireland, M.S.; Johnson, J.M.; Striegel, R.M., Jr.; Williard, C.S.; DePinto, R.M.; Oldaker, G.B. III; and McBride, R.L., "Results from a Survey of Environmental Tobacco Smoke (ETS) in Restaurants," pp. 214-222 in *Transactions: Combustion Processes and the Quality of the Indoor Environment*, J.P. Harper, Ed., Air and Waste Management Association, Pittsburgh, PA, 1990.
19. Crouse, W.E.; and Oldaker, G.B. III, "Comparison of Area and Personal Sampling Methods for Determining Nicotine in Environmental Tobacco Smoke," *Proceedings of the 1990 EPA/A&WMA International Symposium on the Measurement of Toxic and Related Air Pollutants*, pp. 562-566, 1990.
20. Nelson, P.R.; Heavner, D.L.; and Oldaker, G.B. III, "Problems with the Use of Nicotine as a Predictive Environmental Tobacco Smoke Marker," *Proceedings of the 1990 EPA/A&WMA International Symposium on the Measurement of Toxic and Related Air Pollutants*, pp. 550-555, 1990.
21. Oldaker, G.B. III, *et al.*, "Results from Surveys of Environmental Tobacco Smoke in Restaurants in Winston-Salem, North Carolina," Vol. 2, pp. 281-285 in *Proceedings of the 5th International Conference on Indoor Air Quality and Climate*, Canada Mortgage and Housing Corporation, Ottawa, Canada, 1990.
22. Ogden, M.W.; Maiolo, K.C.; Oldaker, G.B. III; Conrad, F.W., Jr.; Stancill, M.W.; Conner, J.M.; and DeLuca, T.C., "Evaluation of Methods for Estimating the Contribution of ETS to Levels of Respirable Suspended Particles," Vol. 2, pp. 415-420 in *Proceedings of the 5th International Conference on Indoor Air Quality and Climate*, Canada Mortgage and Housing Corporation, Ottawa, Canada, 1990.
23. Nelson, P.R.; deBethizy, J.D.; Davis, R.A.; and Oldaker, G.B. III, "Where There's Smoke . . . ? Biases in the Use of Nicotine and Cotinine as Environmental Tobacco Smoke Biomarkers," pp. 449-454 in *Proceedings of the 1991 U.S. EPA/A&WMA International Symposium Measurement of Toxic and Related Air Pollutants*, Vol. 1, Air and Waste Management Association, Pittsburgh, PA, VIP-21; EPA/600/9-91/018. 1991.
24. Oldaker, G.B. III, *et al.*, "Investigations of Indoor Air Quality at Four Large Office Buildings," pp. 177-87 in *Proceedings of First Annual IAQ Conference & Exposition*, National Coalition on Indoor Air Quality, 1992.
25. Nelson, P.R.; Hege, R.B.; Conner, J.M.; and Oldaker, G.B. III, "Effects of Ventilation on Smoking Lounge Air Quality," pp. 89-94 in *Proceedings of the 1992 U.S. EPA/A&WMA International Symposium: Measurement of Toxic and Related Air Pollutants*, Air & Waste Management Association, Pittsburgh, PA, VIP-25; EPA/600/R-92/131, 1992.

28. Oldaker, G.B. III, *et al.*, "Investigations of Ventilation Rate, Smoking Activity, and Indoor Air Quality at Four Large Office Buildings," *Environ. Technol.*, **16**, 173-180 (1995).
29. Oldaker, G.B. III, "A Scientist Looks at DWI Regulations: 'Verify Instrument Accuracy,'" *Trial Briefs*, January 2017, pp. 26-29.

#### SELECTED SCIENTIFIC PRESENTATIONS

1. Oldaker, G.B. III, "Overview of EPA Methods for Stationary Sources," EPA Workshops on Quality Assurance for Emission Measurements, Dallas, TX, and San Francisco, CA, 1979.
2. Oldaker, G.B. III, "Introduction to Continuous Emission Monitoring," EPA Workshops, New York, NY; Lexington, MA; Montpelier, VT; Annapolis, MD; Chicago, IL; Minneapolis, MN; Indianapolis, IN; Lansing, MI; Des Moines, IA; Kansas City, MO; Denver, CO; Rapid City, SD; Cheyenne, WY; and Boise, ID, 1978-1984.
3. Oldaker, G.B. III, "Overview of EPA Methods 7A, 7C, 7D, and 7E," National Symposium on Continuous Emission Monitoring, Washington, DC (10/83).
4. Oldaker, G.B. III; and Conrad, F.W., Jr., "Effect of Environmental Tobacco Smoke (ETS) on Air Quality within Aircraft Cabins," International Experimental Toxicology Symposium on Passive Smoking, Essen, West Germany (10/24/86).
5. Oldaker, G.B. III, *et al.*, "Results from Surveys of Environmental Tobacco Smoke in Offices and Restaurants," International Conference on Indoor Air Quality, Tokyo, Japan (11/4/87).
6. Oldaker, G.B. III; and McBride R.L., "Portable Air Sampling System for Surveying Levels of Environmental Tobacco Smoke in Public Places," Symposium on Environment and Heritage. World Environment Day Hong Kong 1988, Hong Kong University, Hong Kong (6/6/88).
7. Oldaker, G.B. III, *et al.*, "On the Use of Environmental Tobacco Smoke Component Ratios," International Conference on the Present and Future of Indoor Air Quality, Brussels, Belgium (2/14/89).
8. Oldaker, G.B. III, *et al.*, "Results from Surveys of Environmental Tobacco Smoke in Restaurants in Winston-Salem, North Carolina," presented at the 5th International Conference on Indoor Air Quality and Climate, Toronto, Ontario, Canada (7/31/90).

9. Oldaker, Guy B. III, "DWI Toxicology. Tips and Insights," presented at "Experts and Expert Opinions: Rule 702 and *Daubert*," sponsored by the North Carolina Attorneys for Science and Technology, Raleigh, North Carolina, 6 November 2015.
10. Oldaker, Guy B. III, "Horizontal Gaze Nystagmus ("HGN") – Law & Science," presented to Forsyth County Criminal Defense Lawyer Association; Winston-Salem, NC, 8 August 2017.
11. Oldaker, Guy B. III, "EC/IR-II in NC, A Scientific Primer for Defense Attorneys," presented to Greensboro Criminal Defense Lawyer's Association, Greensboro, NC, 16 November 2023.

## OTHER DOCUMENTS

1. Oldaker, G.B. III, *et al.*, "A Comparative Evaluation of Three Sulfur Dioxide Emission Rate Measurement Methods Conducted at a Coal-Fired Electric Utility Steam Generator," Entropy Environmentalists, Inc., EPA Contract No. 68-01-6317, Task Number 14, 24, and 50, October 1982.
2. Oldaker, G.B. III, "A Compilation and Discussion of Coal Sampling and Analysis (CSA) Requirements for Sources Subject to 40 CFR Part 60," Entropy Environmentalists, Inc., EPA Contract No. 68-02-3852, Work Assignment No. 9, EMB Project No. 82 REG 1, April 1984.
3. Oldaker, G.B. III, "Summary of Issues Relating to the Capability of Coal Sampling and Analysis (CSA) to Provide Adequate Indications of Compliance with the Emission Standard at Various Averaging Times," Entropy Environmentalists, Inc., EPA Contract No. 68-02-3852, Work Assignment No. 16, EMB Project No. 82 REG 1, November 1984.
4. Oldaker, G.B. III, "Acceptance Criteria for As-Received Coal Sampling and Analysis (CSA) Programs," Entropy Environmentalists, Inc., EPA Contract No. 68-02-3852, Work Assignment No. 16, EMB project No. 82 REG 1, February 1985.
5. Oldaker, G.B. III, "Comprehensive Investigations of Indoor Air Quality at Four Large Office Buildings," March 1992, 289 pp., with four appendices.

## TRAINING

1. [USEPA] Continuous Emission Monitoring Seminar; New York, September 1978. Course taught the principles for measuring concentrations of gaseous substances in the emissions from sources such as power plants and petroleum refineries. Monitors used techniques

- that included electrochemical analysis and infrared spectrophotometry. Course also taught the principles for assessing the performance of monitoring instrumentation.
2. [USEPA] Quality Assurance for Air Emission Monitoring; April 1979. Course taught the principles of quality assurance, principles that apply generally to all measurements.
  3. CALS, January 1986. Course taught the operation of a laboratory data-management system (put simply, computer-controlled laboratory operations).
  4. Introduction to Response Surface Methodology, May 1986. This course, involving advanced statistical techniques, taught how to extract useful information from complex experimental data.
  5. Linear Regression, September 1987. Another course involving advanced statistical techniques, it taught the identification and measurement of relations between sets of experimental data. These techniques are used to assess the reliability of methods such as SFST.
  6. Risk Analysis in Occupational and Environmental Health, Harvard School of Public Health, Boston, September 1990. Course taught the principles of scientifically connecting human and animal toxicology to human epidemiological outcomes.
  7. Standardized Field Sobriety Testing. C.E.S. Consulting, Inc., September 2005, Orlando, Florida. Certificate awarded. Course was the same as the National Highway Traffic Safety Administration (“NHTSA”) course that law enforcement takes.
  8. CMI, Inc. Intoxilyzer 5000. C.E.S. Consulting, Inc., September 2005, Orlando, Florida. Operator certificate awarded. Course was the same as the National Highway Traffic Safety Administration (“NHTSA”) course that law enforcement takes.
  9. EC/IR-II Seminar. October 2011, Williamsburg, Virginia. Seminar dealt with the operation and performance of this instrument.
  10. Intoximeter EC/IR-II Operator Training Course, Alfred E. Staubus, Pharm. D., Ph.D., 7 January 2017, Columbus, Ohio. Hands-on course taught the principles and operation of the EC/IR-II instrument, including subject testing and accuracy checks. A certificate was awarded based upon passing a graded examination.

#### SELECTED APPEARANCES BEFORE NEWS MEDIA

1. Nationally televised press conference regarding results from measurements of ETS in aircraft, National Press Club, Washington, DC (8/12/86).
2. Nationally televised press conference regarding results from measurements of ETS in restaurants and offices, New York, NY (12/10/86).
3. Television interview regarding statement made to New York City Council, WNBC, New York, NY (1/14/87).

4. Press interview regarding ETS program, *New York Times*, New York, NY (1/14/87).
5. Press Conference (televised), "Hong Kong Air Quality Survey," Hong Kong, (6/9/88).
6. Radio Interview, RTHK (Radio Television Hong Kong), Mr. Nick Beecraft, "Hong Kong Good Morning," Kowloon (6/10/88).
7. Radio Interview, (Hong Kong) Commercial Radio, Mr. Joel Delacy, Kowloon, (6/10/88).
8. Newspaper interview regarding environmental tobacco smoke research, Mr. Tad Stoner, *South China Morning Post*, Hong Kong (6/8/88).
9. Newspaper interview regarding environmental tobacco smoke research, Mr. Brian Power, *Hong Kong Standard*, Hong Kong (6/8/88).

#### SELECTED PRESENTATIONS AT OTHER MEETINGS

1. Statement to New York City Council regarding results from measurements of ETS, New York, NY (1/14/87).
2. Statement to Pittsburgh, PA City Council regarding results from measurements of ETS in public places (televised), Pittsburgh, PA (6/9/87).
3. "Environmental Tobacco Smoke (ETS) in Aircraft Cabins," statement given at public hearing of Utah Air Travel Commission, Salt Lake City, Utah (5/25/88).

CASES  
(QUALIFIED AND TESTIFIED)

1. *State v. Christopher Beard*, Forsyth County 06 CR 54321; 29 November 2006; The Honorable Lawrence Fine. [Testimony was on forensic reliability of 0.16 g/210 L alcohol result from breath testing.]
2. *State v. Nancy Hester*, Forsyth County 10 CR 57825. The Honorable Lawrence Fine.
3. *State v. Anna Sweigart*; Forsyth County 10 CR 60019; 3 October 2011; The Honorable Chester Davis.
4. *State v. Jamie Ring*; Forsyth County 10 CRS 53891; The Honorable Lindsey Davis.
5. *In re Timothy M. Armstrong*; DMV Hearing; 27 February 2012.
6. *State v. Cole Hege*; Forsyth County 12 CR 51959; 12 June 2012; The Honorable William Graham; on his own motion, qualified as an expert in retrograde extrapolation.
7. *State v. Meadows*; Forsyth County, 11 CR 55316; The Honorable William Graham; qualified by judicial notice as an expert in chain-of-custody issues.
8. *Division of Motor Vehicles v. Valerie Arthurs*, Mecklenburg County, 12 CVS 9338; The Honorable James Morgan; ignition interlock monitoring system.
9. *State v. Nicolas Thompson*; Forsyth County 12 CR 58311; 30 April 2013; The Honorable Camille Banks-Payne; spectrophotometry and data analysis.
10. *State v. Christopher Teague*; Forsyth County 12 CR 52644; 14 October 2013; the Honorable George Bedsworth; analytical chemistry and interpretation of analytical data.
11. *State v. Jeffery Keith*; Davidson County 12 CR 57941; 17 December 2013; The Honorable Mary Covington; analytical chemistry and interpretation of analytical data.
12. *State v. Mitchell Bowen*; Stokes County 13 CR 52193; 17 March 2014. The Honorable Spencer Key, Jr.; spectrophotometry, analytical chemistry, electrochemical analysis, and interpretation of analytical data.
13. *State v. Tammy E. Kostelnik*; Forsyth County 13 CR 62181; 24 July 2014. The Honorable Laurie Hutchens; chemistry and toxicology.
14. *State v. Jeffrey Lynch*; Davidson County 13 CR 960 & 961; 19 December 2014; The Honorable B. Carlton Terry, Jr.; analytical chemistry, Standardized Field Sobriety Testing (“SFST”), and Quality Assurance.
15. *State v. Henry Tripp*; Forsyth County 13 CR 60839; 13 August 2015; The Honorable Lisa V. Menefee; analytical chemistry, spectrophotometry; electrochemical analysis, and interpretation of analytical data.
16. *State v. Karen Roberts*, Mecklenburg County 14 CR 242298; 4 December 2015; The Honorable Donny Hoover; analytical chemistry, interpretation of analytical data, and SFST.
17. *United States of America v. Gary Wayne Lyles*, United States District Court, Middle District of North Carolina, 1:14CR00377-24; 17 March 2016; The Honorable N. Carlton Tilley, Jr.; chemistry.
18. *State v. Alberto Estrada*; Forsyth County 15 CR 51611; 25 May 2016; The Honorable George Bedsworth, analytical chemistry and interpretation of analytical data.
19. *State v. Cedric McKenith*; Duplin County 13 CRS 51175-9 and 882-3; 6 and 7 June 2016; The Honorable W. Douglas Parsons; retrograde extrapolation, analytical chemistry, and interpretation of analytical data.
20. *State v. Jami Long*; Forsyth County 15 CR 55838; 20 July 2016; The Honorable Laurie Hutchins; SFST, pharmacology, hydrocodone, chemistry.
21. *State v. Craig Wilson*; Transylvania County 14 CRS 51953; 6 December 2016; The Honorable Mark Powell; analytical chemistry and interpretation of analytical data.
22. *State v. Trevor Roberts*; Forsyth County 15 CR 57692; 10 February 2017; The Honorable Laurie Hutchins; analytical chemistry.
23. *State v. Jennifer Bassiouni*; Forsyth County 15 CR 60921; 24 February 2017; The Honorable Lawrence Fine; analytical chemistry.

24. *State v. Craig Wilson*; Transylvania County 14 CRS 51953; 19 April 2017; The Honorable Alan Thornburg; analytical chemistry, interpretation of analytical data, and electrochemical analysis.
25. *State v. Jason Yountz*; Forsyth County 15 CR 56039; 3 May 2017; the Honorable Carrie Vickery; interpretation of analytical data and SFST.
26. *State v. John Bazin*; Forsyth County 16 CR 54896; 10 May 2017; The Honorable Lawrence Fine; interpretation of analytical data.
27. *In re Robbie Wilson*; DMV Hearing; Randolph County; 11 July 2017; Asheboro, NC; ignition interlock.
28. *State v. Timothy Shives*; Forsyth County 15 CR 61613; 27 July 2017; The Honorable Lawrence Fine; interpretation of analytical data (by stipulation).
29. *State v. John White*; Mecklenburg County 15 CR 246099; The Honorable Matthew J. Osman; cannabis and driving impairment.
30. *State v. Jimmy Dabney*; Rockingham County 16 CR 52929; 25 October 2017; The Honorable James A. Grogan; analytical chemistry.
31. *State v. Mark Chernek*; Yadkin County 16 CR 51490; 6 December 2017; The Honorable David Byrd; field sobriety testing, drug analysis, and drugged driving.
32. *State v. Amy Vaughn*; Forsyth County 16 CR 51934; 12 February 2018; The Honorable Carrie Vickery; statistical analysis of data, psychological testing, and SFST.
33. *State v. Tess Squires*; Forsyth County 17 CR 58492; 19 July 2018; The Honorable Gordon Miller; analytical chemistry.
34. *Essick v. Brinkley*; Davidson County 17 CVD 1632; 25 July 2018; The Honorable Jimmy Myers; analytical chemistry.
35. *State v. Demarcus Blakeney*; Davidson County 17 CR 54012; 13 August 2018; The Honorable Jimmy Myers; analytical chemistry.
36. *State v. Frank Fragapane*; Iredell County 14 CR 55486; 28 November 2018; The Honorable Charles M. Neaves; analysis of drugs in blood; driving impairment by zolpidem (aka Ambien); pharmacodynamics and pharmacokinetics of zolpidem; and driving impairment by lamotrigine (all by stipulation of parties).
37. *State v. Demarcus Blakeney*; Davidson County 17 CR 54012; 21 December 2018; The Honorable Mary Covington; analytical chemistry.
38. *State v. Katherine Torrance*; Guilford County 18 CR 80558; 23 May 2019; The Honorable Teresa Vincent; analytical chemistry; interpretation of analytical data; statistics; EC/IR-II (general).
39. *State v. Joseph Murdoch*; Rowan County 15 CRS 50257-72, 5 November 2019; The Honorable Richard Gottlieb; chemistry (as related to the hazard of exposure to sulfuric acid).
40. *State v. Dylan Lax*; Davie County 18 CRS 56, 17 December 2019; The Honorable Andy Hanford; pharmacology.
41. *State v. Gabriel Matteson*; Forsyth County 19 CR 51597; 17 February 2021; The Honorable Gordon Miller; EC/IR-II (reliability of 0.16 results for proving aggravating factor).
42. *State v. Amanda Fulp*; Forsyth County 19 CR 60817; 14 April 2021; The Honorable George Bedsworth; analytical chemistry and EC/IR-II.
43. *State v. Alice Elrod*; Transylvania County; 18 CRS 50616; The Honorable Peter Knight; 26 April 2021, SFST and 27 April 2021, Quality Assurance.
44. *State v. Dan Wactor*; Hoke County 9 CRS 66-68, 50141; 27 September 2021; The Honorable Michael A. Stone; analytical chemistry.
45. *State v. Luigi Dipuerto*, Guilford County, 21 CR 69190; 5 April 2022; The Honorable Jan H. Samet; analytical chemistry and SFST.
46. *State v. Dallas Hale*, Stokes County 21 CR 50219; 11 May 2022; The Honorable Carlos Jane; analytical chemistry.
47. *State v. Donny Ruff*; Rutherford County 18 CRS 1013; 20 May 2022; The Honorable Athena Brooks, chemistry and pharmacology.
48. *State v. Cassidy Black*; Randolph County 20 CRS 50138; 4 April 2023; The Honorable Matt Smith; analytical chemistry, SFST, and pharmacology.
49. *State v. Kelan Robertson*, Stokes County 19 CRS 22; 28 June 2023; The Honorable Angela Puckett; analytical chemistry.

50. *State v. Harry Parrish*, Watauga County 22 CRS 288022 & 228261; 19 July 2023; The Honorable Greg Horne; analytical chemistry with a focus on DWI toxicology.
51. *State v. Sonia Ashworth*, Randolph County 21 CR 711289.4 October 2023; The Honorable Scott Etheridge, analytical chemistry and pharmacology.
52. *United State of America v. Carlisa Allen*, 1:23CR124, Middle District, North Carolina.; 15 November 2023, The Honorable William L. Osteen, Jr.; chemistry and toxicology.