

BARRY C. FUNCK

EDUCATION

*University of Florida
Gainesville, Florida*

Baccalaureate of Science: Chemistry June, 1974

Minor in Biology/Mathematics

PROFESSIONAL AFFILIATIONS

American Society of Crime Laboratory Directors—Member 1998 to current

American Society of Crime Laboratory Directors-Laboratory Accreditation Board—Delegate Assembly-Member 1998-2009

Southern Association of Forensic Scientists 1978 to 2009

Florida Cybercrime and Digital Evidence Council-Member 2008-2009

Florida Association of Crime Laboratory Directors-Member and Legislative Liaison 2006-2009

Florida Traffic Safety Committee—Director-Technical Advisory Committee 2008-2009

PROFESSIONAL FORENSIC CONSULTING EXPERIENCES

4/85 to date

Criminal and Civil Litigation Consulting --Expert Witness—Forensic Drug Chemistry and Toxicology

Expert witness in Federal and State criminal and civil cases in the fields of Forensic Drug Chemistry and Toxicology--drugs, alcohol and drug related use issues. Customers: District Attorneys, Prosecutors, Barristers, Criminal Defense attorneys, Public Defenders, Adjusters, Law Enforcement agencies, Plaintiff and Defense civil attorneys. Provides expert testimony in criminal and civil proceedings on demand. Testified more than 1,000 times in criminal and civil depositions, hearings and trials as an expert witness. Can assist in procurement of other forensic experts when required. Scope of expertise includes: Drug Recognition Experts (DRE) evaluations and recertification, evaluation of the quality of testing procedures and methods, reliability of test results, laboratory quality control, quality assurance, interpretation of test results, chain of custody, analogue interpretations, reliability of collection and sampling of evidence and specimens, Widmark (retrograde extrapolations), number of drinks, medical to legal alcohol conversions, review of autopsy results, human factors-impairment and strategic planning . Cases to include: Internal affairs, pre-employment, post employment, violation of probation, drug possession, drug distribution/sales, drug trafficking, drug manufacturing and cultivation, drug analogues, synthetic cannabinoids, DWI/DUI/OWI, workers' compensation, dram shop, medical malpractice, divorce, accident, slip and fall, motor vehicle and commercial vehicle crashes, aviation, pedestrian injury and death cases.

***State of Georgia registered Vendor/Expert, registered Expert with the Florida Justice Administrative Commission (JAC) and INTOTA.*

10/09 to Date

Forensic Consultant and SNA International Independent Contractor

Functions as an independent contractor in the areas of business development, pre-accreditation assessment/gap analyses, quality assurance and quality control, strategic planning, grant funding, operational and performance reviews, special projects, Laboratory Information Management systems (LIMS), fee for service, performance measurement, best practices, and private sector forensic business consulting services not limited to customer/clients relationships, customer service, marketing, scientific and technical evaluations, and training.

Specifics: Evaluates and makes recommendations to clients on preparation for ASCLD-LAB International and ISO 17025-9001 accreditation to include Gap Analyses. Reviews and refines laboratory quality assurance and quality control policies and procedures. Instills continuous improvement strategies. Reviews current laboratory budgets, operations and develops strategies for performance improvements. Evaluates workload and resource relationships. Facilitates the evaluation, acquisition and deployment of Laboratory Information Management Systems (LIMS). Forensic Services Strategic Planning. Provide consulting services to prospective clients considering the start-up of a forensic crime laboratory, or wishing to evaluate their existing laboratory or laboratory system.

5/10 to 10/13

**Forensic Program Director-Contractor
American Systems Corporation
Chantilly, Virginia**

Reviews and advises on national security sensitive and non-sensitive forensic business development, provides strategic and technical consultation on Forensic program initiatives. Reviews and advises on task orders, communicates with forensic team members.

PROFESSIONAL FORENSIC LABORATORY EXPERIENCES

4/10 to 1/14

**Laboratory Director
City of Valdosta—Valdosta Lowndes Regional Crime Laboratory
Valdosta, Georgia**

Contracted for 'start up' new forensic laboratory. It is a multiagency partnership local laboratory. As the laboratory director and quality manager, is responsible for assessing competency of existing personnel, hiring of new personnel, training of personnel in the areas of crime scene, latent prints, firearms and tool marks, and drug chemistry. The laboratory plans to expand services to include blood alcohol testing. Develops laboratory policies and standard operating procedures to govern operations, quality control and quality assurance, safety and security manuals and formal competency based training programs for all forensic services of the laboratory. Develops and implements proficiency testing plans. Selection and procurement and system administration of the Laboratory Information Management System (LIMS). Develops operating budgets and monitors expenditures--\$2 million. Writes both state and federal grant proposals and manages existing grants. Directs the laboratory's preparation for ISO 17025-9001 international accreditation. Testified in the state of Georgia as an expert witness in Drug Chemistry.

7/06 – 10/09

**Forensic Services Director—Laboratory System Director
Headquarters-Command
Florida Department of Law Enforcement, State of Florida, Tallahassee, Florida.**

Directs the overall performance of the laboratory system, establishes policies and procedures for the Florida Department of Law Enforcement Crime Laboratory System, which is comprised of seven regional laboratories housing up to eight different forensic disciplines. ASCLD/LAB accreditation, strategic planning, developing and fosters partnerships with local, state and national constituents, prioritizes system needs, \$200 million budget and grants management authority, staffing analysis, consistency of operations, process improvement, workload management and legislative oversight. Forensic performance based budgeting with transparency and accountability. Command staff and executive policy board member. Interacts with the legislature and the governor's office staff in matters relating to forensic science and statewide forensic services.

1/01 – 7/06

**Chief of Forensic Services—Laboratory Director
Tallahassee Regional Laboratory--Headquarters
Florida Department of Law Enforcement, State of Florida, Tallahassee, Florida.**

Directs the operations of the Tallahassee Regional Laboratory. Provides education and training to regional investigative and legal customers. Oversees compliance with departmental policies and procedures and manages resources and manages the quality and performance within the laboratory which is comprised of seven different ASCLD-LAB accredited major forensic services including the statewide DNA Database-CODIS.

PROFESSIONAL FORENSIC LABORATORY EXPERIENCES

6/98 – 1/01

**Chief Forensic Scientist--Quality Manager
Headquarters-Command**

Florida Department of Law Enforcement, State of Florida, Tallahassee, Florida.

Directs the quality assurance program and ASCLD-LAB accreditation conformance for the FDLE laboratory system. The quality assurance program consists of but is not limited to: the quality manual, good laboratory practices, standard operating procedures, laboratory administrative procedures, customer service, oversight of training programs, training progress, research and validations, proficiency testing, quality root cause analysis and documents control. Develops and fosters partnerships with in-state colleges and universities to establish training, research and methods development to meet the needs of the local and FDLE forensic laboratories. The Crime Laboratory System is comprised of seven accredited regional laboratories housing up to eight different accredited major areas of forensic services.

8/86 - 6/98

**Crime Laboratory Analyst Supervisor
Orlando Regional Crime Laboratory**

Florida Department of Law Enforcement, State of Florida, Orlando, Florida

Directs the operations of the Firearms and Tool marks, Evidence, Gunshot Residue, Chemistry and Toxicology section technical sections supervised. Performs independent casework and expert testimony in Toxicology and Drug Chemistry.

1/75 – 8/86

**Forensic Drug Chemistry and Forensic Toxicology
Orlando Regional Crime Laboratory**

Florida Department of Law Enforcement, State of Florida, Orlando, Florida

- *The isolation and identification of suspected drugs of abuse Extensive use of instrumentation, wet chemical methods and training in the theoretical basis of work product. Provides expert testimony on more than two hundred separate occasions. Testified in both State and Federal court.*
- *Isolation, identification and quantitation of toxic and drug substances in human fluids and organs. These duties required extensive knowledge of instrumentation, methods development and assessment, and training. Provides interpretive expert witness testimony in the areas of Pharmacology, Toxicology, Analytical Chemistry, retrograde extrapolations, and impairment on at least one thousand separate occasions within the State of Florida .*

PROFESSIONAL LICENSES, CERTIFICATIONS and ACCREDITATION

**Certified in Cannabis Identifications February, 2011
State of Georgia and the Georgia Bureau of Investigations.**

**Certified ISO/IEC 17025-9005 Technical Assessor June, 2006 to date
American Society of Crime Laboratory Directors-Laboratory Accreditation Board- International supplemental standards and ISO/IEC 17025-9005 Supplemental International Standards.**

Inspects laboratories seeking accreditation for conformance with international standards. Assesses accredited laboratories as to conformance with international accreditation standards.

Certified Inspector 1998 to date

American Society of Crime Laboratory Directors/Laboratory Accreditation Board- Legacy Program. .

Inspects laboratories seeking accreditation for compliance with legacy accreditation standards. Assesses accredited laboratories as to compliance with Legacy accreditation standards.

PROFESSIONAL LICENSES, CERTIFICATIONS and ACCREDITATION

License to perform Legal Blood Alcohol Analyses 1979 to 1998
Florida Alcohol Testing Program--Implied Consent

Certification--Forensic Drug Chemistry 1975
Florida Department of Law Enforcement

Certification--Forensic Toxicology 1979
Florida Department of Law Enforcement

CONTACT INFORMATION:

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