

# Federal Forensic Associates, Inc.

## *Albert H. Lyter, III*

### **Education:**

- B.S. Chemistry, Oklahoma City University, 1973
- B.S. Biology, Oklahoma City University, 1973
- M.S. Forensic Science, George Washington University, 1975
- Ph.D. Analytical Chemistry, University of North Carolina-Chapel Hill, 1999

### **Training:**

- Fiber Microscopy, Institute of Paper Chemistry, 1975
- X-ray Spectrometry, State University of New York, 1976
- Questioned Documents, United States Secret Service, 1977
- High Pressure Liquid Chromatography, Waters Associates, 1978
- High Pressure Liquid Chromatography, American Chemical Society, 1978
- Forensic Microscopy, McCrone Research Institute, 1978
- Surface Analysis Techniques, Physical Electronics, 1992
- Identification of Photocopiers, New Mexico State Police, 1983
- Canon Facsimile Workshop, [American Society of Questioned Document Examiners](#), 1991

### **Experience:**

- September 1981 to present

President and Chief Scientific Officer of Federal Forensic Associates, Inc.

Engaged in consultation, examination, training, research and testimony in Forensic Science, including ink and paper analysis, trace evidence and questioned document examination.

Qualified trace evidence areas include fire debris, explosives, paint, hair, fiber, glass and wood.

- January 1975 to September 1981

Forensic Chemist, U.S. Treasury Department, Bureau of Alcohol, Tobacco and Firearms, National Laboratory Center, Rockville, Maryland.

Engaged in consultation, examination, training, research and testimony as service to federal and state law enforcement.

Court qualified in federal, state and military courts in over 33 states, U.S. Virgin Islands, Australia, Canada, Mexico, Malaysia and Singapore.

Instructor at the FBI Academy, Federal Law Enforcement Training Center, Naval Investigative Service, Florida Department of Law Enforcement, colleges and universities.

Lecturer at numerous scientific and legal organization meetings to include the American Academy of Forensic Sciences, American Society of Questioned Documents Examiners, California

Association of Criminalists, International Association of Forensic Scientists.

### **Professional Organizations:**

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Fellow, American Academy of Forensic Sciences

- Mid-Atlantic Association of Forensic Scientists
- Examination committee member to the American Board of Criminalistics.
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California Association of Criminalists

- Society of Forensic Ink Analysts
  - President
- Southwestern Association of Forensic Document Examiners
- International Association of Forensic Sciences
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American Society For Testing and Materials

- American Chemical Society

***Publications:***

- Comparison of Paper Samples - IAI News, 1976
- Comparison of Typewriter Ribbon Inks by Thin Layer Chromatography - Journal of Forensic Science, 1977
- A Scientific Study of Pencil Lead - Journal of Forensic Science, 1978
- Analysis of Water Soluble Paper - Journal of Forensic Science, 1980
- Comparison of Typewritten Carbon Impressions - Journal of Forensic Science, 1982
- Examination of Ball Pen Ink by High Pressure Liquid Chromatography - Journal of Forensic Science, 1982
- Ink Analysis, A Key Element in Questioned Document Examination - Trial, 1983
- A High Performance Liquid Chromatographic (HPLC) Study of Seven Common Explosive Materials - Journal of Forensic Science, 1983
- Finding Fraudulent Documents - Family Advocate, 1989
- Attempted Determination of Authorship by Ball Pen Line Characteristics - Forensic Science International, 1990
- Analysis of Writing Ink - chapter in book HPLC in Forensic Science, 1982
- Contributions to the book Forensic Ink and Paper Examination by Brunelle and Reed, 1982
- Ph.D. Dissertation - Surface Characterization of Polymeric Materials by X-ray Photoelectron Spectroscopy and Time-of-Flight Secondary Ion Mass Spectrometry: Biomedical Materials and Forensic Applications

***Honors:***

- Honorary Assistant Attorney General, State of Alabama
- Treasury Award for Outstanding Performance
- Honorary Member - Southwestern Association of Forensic Document Examiners

***Certification:***

- Diplomat of the American Board of Criminalistics

### ***Cases of Note:***

- Mormon Will of the late Howard R. Hughes
- Slander trial of CBS, Sixty Minutes and Dan Rather
- Nazi war crimes case of Ivan Demjanjuk
- Sam Shephard murder trial - 2000
- Martha Stewart case