

# CURRICULUM VITAE

**DONELL S. FRANK**

**August 5, 2004**

## PROFESSIONAL EXPERIENCE:

- Analytical Chemist, Project Manager, Sample Custodian, B&B Laboratories, providing analytical services to the environmental and geochemical markets, Jan 98 – present.
- Research Assistant, Geochemical and Environmental Research Group (GERG), Texas A&M University, May 90 – Jan 98.
- Field Collector and/or Boat Captain, GERG, for the Environmental Monitoring and Assessment Program (EMAP), an Environmental Protection Agency (EPA) project, summers 91 through 94.

## FORMAL EDUCATION:

- *Western Oklahoma State College*  
Altus, Oklahoma  
Associate of Arts, May 87
- *University of Oklahoma*  
Dept. of Secondary Education  
Norman, Oklahoma  
BS. Secondary Education Science, May 90
- *Texas A&M University*  
Dept. of Wildlife and Fisheries  
College Station, TX  
MS. Wildlife and Fisheries, August 99

## TECHNICAL COURSES:

- *Texas A&M University*  
Introduction to ACCESS 2.0  
College Station, TX  
July 1997
- *Texas A&M University*  
Intermediate EXCEL 5.0  
College Station, TX  
Aug 1997
- *Hewlett Packard Company*  
Introduction to Capillary Gas Chromatography  
Houston, TX  
Jan 1995
- *Hewlett Packard Company*  
HP5890 Troubleshooting & Maintenance  
Houston, TX  
Jan 1995
- *Fisons*  
Introduction to Xchrom  
Boston, MA  
April 1994
- *Office of Radiological Safety, TAMU*  
Radiological Safety Training  
College Station, TX  
September 1994
- *Hewlett Packard Company*  
Introduction to HPLC  
Houston, TX  
March 1991

## CONTINUING EDUCATION/MANAGEMENT COURSES:

- Aug 1996 Performance Planning & Evaluation Workshop
- Oct 1995 Time Management: Gaining control
- Aug 1995 Interpersonal Communication Skills
- Feb 1995 Basic Supervisory Techniques Workshop
- Sept 1995 Presentation Skills Workshop

**SUMMARY:**

An analytical chemist with more than 14 years of environmental and geochemical laboratory training. Specializes in the identification and quantitation of chlorinated hydrocarbons by Gas Chromatography Electron Capture Detection (GCECD), and volatile and semi-volatile organic contaminants by Low Resolution Mass Spectrometry (LRMS) and Gas Chromatography-Flame Ionization Detection (GCFID). Also specializes in the identification and quantitation of organotins by Gas Chromatography Flame Photometric Detection (GCFPD). In addition, has experience with all aspects of environmental sample handling for trace organic analyses, including sample receipt, sample processing and extraction, extract analysis and final data reporting. Has been involved in several federal projects for NOAA, EPA, USFWS, and other agencies. Experience in field oriented sampling projects, including captaining a sampling boat for the USEPA, coordinating sampling activities, and collecting and preserving samples. Perform all of the tasks related to sample preparation, processing, analysis, data reporting and final report writing. Maintain sample preparation and analysis instruments. Organize and maintain sample flow through the laboratory.

**TECHNICAL STRENGTHS:**

- Ability to operate and support various analytical equipment, including installation, operation, maintenance and repair.
- Have good knowledge of chlorinated organic chemistry as it pertains to contamination of wildlife.

**TECHNICAL INTEREST:**

- Development and application of new analytical methods
- Environmental organic chemistry
- Petroleum geochemistry

**PROFESSIONAL MEMBERSHIPS:**

- Society of Environmental Toxicology and Chemistry (SETAC) Geochemical Society

**PRESENTATIONS:**

- Bioaccumulation of Pesticides and PCBs in Colonial Nesting Water Birds of Galveston Bay, Texas presented at the Society of Environmental Toxicology and Chemistry, San Francisco November 1997 with M. Mora and J. Sericano.

**PUBLICATIONS:**

Mora, M. A., Laack, L.L., Lee, M. C., Sericano, J. S., Presley, R., Gardinali, P. R., Gamble, L., R., Robertson, S., and Frank, D. F. (1999). Environmental Contaminants in Blood, Hair, and Tissues of Ocelots from the Lower Rio Grande Valley, Texas 1986-1997. *Environmental Monitoring and Assessment*, 64 477-492.

Frank, D S., Mora, M. A., Sericano, J. S., Blankenship, A. L., Kannan, K., and Giesy, J.P. (2000). Persistent Organochlorine Pollutants in Eggs of Colonial Waterbirds from Galveston Bay and East Texas, USA. *Environmental Toxicology and Chemistry*, 20 (3) 608-617.

Riedel, R., Schlenk, D., Frank, D., and Costa-Pierce, B. (2002). Analyses of organic and inorganic contaminants in Salton Sea fish. *Marine Pollution Bulletin*, 44 (5) 403-411.