

# CURRICULUM VITAE

JUAN A. RAMIREZ

August 2007

## PROFESSIONAL EXPERIENCE:

- Organic Laboratory Manager, B&B Laboratories,. Nov. 2006 – present.
- Organic Laboratory Supervisor, B&B Laboratories, supervising all aspects of laboratory production including scheduling, personnel management and Quality Control, Nov 2003 – present.
- Analytical Chemist, B&B Laboratories, providing analytical services to the environmental and geochemical markets, Oct 96 – present.
- Research Assistant/ Project Administrator/Xchrom System Manager, Geochemical Environmental Research Group (GERG), Texas A&M University, Nov 92 – Oct 96.
- Regional Sales Representative, O.I. Analytical, College Station, TX, July 90 – Aug 92.
- Laboratory Technician, Texas A&M University, Entomology Department, May 89 – Sep 89, as an undergraduate.
- Clinic Administrator/Physicians Aid, Georgetown University Hospital, Renal Transplant Unit, June 88 – Aug 88, as an undergraduate.
- Laboratory Assistant, University of Texas Health Science Center, San Antonio, Sep 84 – Aug 85, as a high school student.

## FORMAL EDUCATION:

- Texas A&M University  
College Station, TX, 77843  
B.S. Biomedical Science, May 1990

## TECHNICAL COURSES:

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| ▪ Hewlett Packard Company<br>Introduction to Capillary Gas<br>Chromatography<br>Houston, TX<br>Jan 1995 | ▪ Fisons<br>System Administration for Xchrom<br>Boston, MA<br>April 1994               |
| ▪ Fisons<br>Introduction to Xchrom<br>Boston, MA<br>April 1994  | ▪ OI Analytical<br>OI 700 TOC Analyzer Training<br>College Station, TX<br>January 1991 |

## CONTINUING EDUCATION

- Aug 1996 Performance Planning & Evaluation Workshop
- Oct. 1995 Time Management: Gaining control
- Aug. 1995 Interpersonal Communication Skills

## **SUMMARY:**

An analytical chemist with more than 14 years of environmental and geochemical laboratory training. Specializes in the identification and quantitation of chlorinated organic contaminants by Gas Chromatography/Electron Capture Detection (GC/ECD) and of petroleum related organic contaminants by Gas Chromatography/Flame Ionization Detection (GC/FID), and of organophosphate pesticides by Gas Chromatography/Nitrogen Phosphorus Detection (GC/NPD). 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. Involved in over 7 years with several federal projects for NOAA, EPA, USFWS and other agencies. Experienced Project Administrator, providing clients a key customer-laboratory interface to ensure a defined scope of work, and provide pricing, turn around time criteria, QC requirements and reporting requirements. Experienced Data Manager for the laboratory, managing disk space, data backup, archiving and electronic data transfer.

## **TECHNICAL STRENGTHS:**

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

## **TECHNICAL INTEREST:**

- Development and application of new analytical methods
- Pesticide and PCB organic chemistry
- Petroleum geochemistry
- Geochemical exploration and hydrocarbon migration

## **PUBLICATION:**

Shalat SL, Donnelly KC, Freeman NC, Calvin JA, Ramesh S, Jimenez M, Black K, Coutinho C, Needham LL, Bar DB, Ramirez J. Nondietary ingestion of pesticides by children in an agricultural community on the US/Mexico border: preliminary results. *J Expo Anal Environ Epidemiol*. 2003 Jan; (1):42-50.

## **CONTRIBUTOR:**

Hartwell, S. A., Hameedi, J. Magnitude and Extent of Contaminated Sediment and Toxicity in Chesapeake Bay. NOAA Technical Memorandum NOA NCCOS 47. 2007 Jan;

Pait, A.S., Whitall, D.R., Jeffrey, C.F.G., Caldow, C., Mason, A.L., Christensen, J.D., Monaco, M.E., Ramirez, J. An Assessment of Chemical Contaminants in The Marine Sediment of Southwest Puerto Rico. NOAA Technical Memorandum NOS NCCOS 52. 2007 Aug.

## **PRESENTATION:**

Donnelly KC, Shalat SL, Ramesh S, Ramirez J, Freeman NC. Rio Bravo healthy child project. Presented at the International Society for Exposure Assessment, Monterey, CA, October 2000.

## **POSTERS:**

Sericano J, Wade T, Brooks J, Ramirez J, Qian Y. NOAA's National Status and Trends Program in Galveston Bay: Chlorinated hydrocarbons in oysters, 1986-2001. (SETAC 2003).

McDonald, S. J., Powell, E. N., Ramirez, J. A., McDonald, T. J., Frank, D. S., Fay, R. R., and Brooks, J. M., Long-term temporal and spatial patterns of environmental contaminants at NOAA National Status and Trends Program. (SETAC 2004).