
PROFESSIONAL EXPERIENCE

- Environmental Program Specialist, TDI-Brooks International, Inc., March 2021 - Present
- Analytical Lab Technician and Instrument Analyst, TDI-Brooks International, Inc., June 2006 - March 2021
- Assistant Superintendent, Style Craft Builders, May 2005 - August 2005
- Repository Management, Ocean Drilling Program, May 2003 - August 2004
- Radio Communications, Communications International, Inc., May 2002 - August 2002

KEY ACHIEVEMENTS - TDI BROOKS INTERNATIONAL, INC.

- Oversaw laboratory preparation, extractions, coordination, documentation, and training
- Managed machine maintenance, repair, and operations
- Conducted data quantification and reporting on: Saturated Hydrocarbons, Aromatics, Organochlorines, Organotins, Total Carbon on GC/FID, GC/ECD, GC/MS, Leco CR412, Leco C632 and O.I. Water TOC analyzer
- Performed offshore geotechnical in-field analysis and descriptions, sample preservation
- Geochemical/Environmental program field lead, sample and data processing, in-field analysis, and sample preservation
- Executed instrument analysis of Saturated Hydrocarbons, Aromatics, Organochlorines, Organotins, and Total Carbon
- Developed documentation and operating procedures, working procedures, and manuscripts
- Administered ChemStation data integration systems

KEY ACHIEVEMENTS - OCEAN DRILLING PROGRAM

- Managed core preservation and cataloging
- Conducted sample analysis and core processing
- Developed facility tour guide

FORMAL EDUCATION

- Texas A&M University, College Station, TX, Masters of Science in Public Health, Environmental Health, December 2015
- Texas A&M University, Galveston, TX, Bachelor of Science, Marine Science, May 2006
- Blinn College, Bryan, TX

PROFESSIONAL TRAINING AND CERTIFICATIONS

- Accelerated Extractor (Dionix ASE 200) - TDI-Brooks International
- Total Carbon Analyzer (Leco Cr-412 and C632) - TDI-Brooks International
- Basic Offshore Survival and Emergency Training - Falck Alford
- ISPS Code/Vessel Security Training - TDI-Brooks International
- International Safety Management Code - TDI-Brooks International
- Hazard Communication - TDI-Brooks International
- TDI-Brooks International's Safety at Sea - TDI-Brooks International
- Marine Mammal and Protected Species Observer - TDI-Brooks International

PUBLICATIONS

2017 Occurrence, distribution and composition of aliphatic and polycyclic aromatic hydrocarbons in sediment cores from the Lower Fox River, November 2017, C. S. Brewster, V.K. Sharma, L. Cizmas and T.J. McDonald

FIELD EXPERIENCE

- Lab Chief/Scientist, Environmental Baseline Survey, BHP, Atlantic Ocean, R/V Proteus, 20 December 2021 – 24 January 2022
- Lab Chief/Scientist and Navigation, Geotechnical Survey, US Wind Maryland Wind Farm, Atlantic Ocean, R/V Brooks McCall, 05 August – 09 September 2021
- Lab Chief/Scientist, Geotechnical Survey, US Wind Maryland Wind Farm, Atlantic Ocean, R/V Brooks McCall, 18 July – 28 July 2021
- Navigation and Lab Tech, Geotechnical Survey, Echo 3C Midstream, Gulf of Mexico, R/V Gyre, 25 June – 04 July 2021
- Lab Chief/Scientist, Environmental Baseline Survey, ExxonMobil, Esso Exploration Angola Ltd, Atlantic Ocean, R/V Proteus, 07 February – 19 February 2021
- Lab Chief/Scientist, Environmental Baseline Survey, Cabinda Gulf Oil Company (CABGOC) Ltd., Atlantic Ocean, R/V Proteus, 24 January – 06 February 2021
- Lab Chief/Scientist, Environmental Baseline Survey, Total E&P México, Gulf of Mexico, R/V Emma McCall, 18 June – 04 July 2020
- Lab Chief/Scientist, Environmental Baseline Survey, Cairn Energy, Gulf of Mexico, R/V Emma McCall, 05 July – 08 July 2020
- Lab Tech, Geotechnical Survey, Kiewit Rina, Pacific Ocean, John Henry, 17 November – 22 November 2019
- Lab Tech, Environmental Post Operation Survey, Creocan/Total, Atlantic Ocean, R/V Proteus, 11 September – 22 September 2019
- Lab Tech, Environmental Baseline Survey, Esso Exploration and Production Guyana Limited, ExxonMobil Development Company, Atlantic Ocean, R/V Proteus, 07 April – 23 April 2019
- Lab Chief/Scientist, Environmental Baseline Survey, Petronas, Gulf of Mexico, Laguna Azul, 05 January – 18 January 2019
- Lab Tech, Geotechnical Investigation, Benthic Geotech Pty Ltd, Esso Exploration and Production Guyana Limited, Atlantic Ocean, SABLE, 12 September – 27 September 2018
- Lab Tech, Environmental Baseline Survey, Chevron Energia de Mexico, S. de R.L. de C.V., Gulf of Mexico, Maris, 15 June – 01 July 2018
- Field Scientist, National Status & Trends Year 30, NOAA, Gulf of Mexico, Ash Breeze, 07 October – 12 October 2017
- Field Scientist, National Status & Trends Year 30, NOAA, Gulf of Mexico, Ash Breeze, 04 November – 13 November 2017
- Lab Tech, Geotechnical Survey, ExxonMobil Development Company, Gulf of Mexico, R/V Brooks McCall, 12 June – 22 June 2012
- Field Scientist, National Status & Trends Year 25, NOAA, Atlantic Ocean, Ash Breeze, 01 February – 06 February 2010
- Lab Tech, Geotechnical Survey, Chevron North America Production Company, Gulf of Mexico, R/V Brooks McCall, 11 January – 24 January 2010
- Field Scientist, National Status & Trends Year 25, NOAA, Atlantic Ocean, Ash Breeze, 20 November – 08 December 2009
- Lab Tech, Geotechnical Survey, Bluewater Industries Inc., Gulf of Mexico, R/V Brooks McCall, 04 September – 09 September 2008
- Lab Tech, Geotechnical Survey, BP America Production Company, Gulf of Mexico, R/V Brooks McCall, 07 September – 12 September 2007
- Lab Tech, Geotechnical Survey, Tesla Offshore Inc., Gulf of Mexico, R/V Brooks McCall, 07 May – 12 May 2007
- Lab Tech, Geotechnical Survey, Petrobras America Inc., Gulf of Mexico, R/V Brooks McCall, 09 March – 18 March 2007
- Lab Tech, Geotechnical Survey, Petrobras America Inc., Gulf of Mexico, R/V Ferrel, 10 December – 18 December 2006
- Lab Tech, Geotechnical Survey, Total E & P Angola, Atlantic Ocean, R/V J w Powell, 12 November – 20 November 2006
- Deckhand, Geotechnical Survey, Williams Field Services Gulf Coast Company L.P., Gulf of Mexico, Justo Sierra, 13 August – 17 August 2006