

**James Garrett Slaton**

Analytical Chemist | Project Manager | Team Leader

Highlights of Expertise

- Experiment Design and Method Development
- Instrumentation
- Data Acquisition & Statistics
- Research & Development
- Chromatography & Wet Chemistry
- Lean, 5S, & Kaizen Methodology
- Familiarity with ISO 9001 & 17025
- Preparatory Synthesis
- New Product Development, Launch & Support
- Project Management
- People Management & Training/Development
- Policy & Procedure Design
- Process Improvement

**Career Experience**

TDI-Brooks International, Inc., College Station, TX

*Supported geochemical laboratory operations with review of operating procedures, instrument troubleshooting and maintenance, data reviews and analytical method refinement.*

INSTRUMENTATION ENGINEER &amp; SENIOR CHEMIST (2/2020 to Present)

Food Safety Net Services, San Antonio, TX

*Positioned organization to secure new business and increase laboratory revenue by creating new and refining existing food analysis methods.*

DEVELOPMENT RESEARCH CHEMIST (4/2018 to 3/2019)

- Ensured compliance, productivity, and effectiveness while mitigating risks by serving as technical resource and trainer for chemistry lab personnel on lab technique and data analysis, advising management on capital expenditures and equipment selection.
- Reduced downtime and repair costs by creating and implementing maintenance schedule, performing routine and non-routine maintenance, and repairing analytical instruments/laboratory equipment.
- Bolstered productivity by implementing 5S processes and Kaizen methodology, contributing to overall safety, efficiency, and quality improvements.
- Contributed to two-year recertification in July 2018 by contributing to AALA audit preparation team.

Xylem, Inc., College Station, TX

*Directed day-to-day operations and professional development of six engineers and scientists while at the same time guiding research and development projects that resulted in innovative new products and improvements.*

R&amp;D PROJECTS MANAGER (2/2014 to 9/2017)

- Led development efforts that resulted in 6 of 10 new products immediate release during tenure.
- Reversed problem that had halted shipping on flagship product by identifying root cause and designing and implementing tools that drove resolution.

Xylem, Inc. (Previously O.I. Analytical)

*Held responsibility for expanding technology endeavors without increasing costs; administered \$3M budget. Traveled internationally and nationally to spearhead projects and support strategic project roadmaps.*

#### SCIENTIST (1/2008 to 2/2014)

- Sparked solution to issue that was slowing down primary government contract work by identifying root cause and implementing technical solution.
- Drove successful conclusion to at-risk new product development project according to revised schedule.

#### ADDITIONAL EXPERIENCE

Graduate Research Assistant (1999 to 2007) | Department of Chemistry, Texas A&M University

Mass Spectrometry Service Lab Technician (2002 to 2003) | Texas A&M University

Teaching Assistant (1999 to 2001) | Department of Chemistry, Texas A&M University

Research Chemist (1999) | Department of Chemistry, Texas A&M University

#### **Education & Credentials**

Texas A&M University, College Station, TX

Ph.D. IN CHEMISTRY (ANALYTICAL FOCUS), 5/2007

Truman State University, Kirksville, MS

B.S. IN CHEMISTRY (PRESIDENT'S RECOGNITION), 12/1998

*Certification: CAPM License #1813893 Project Management Institute,*

#### **Technical Skillset**

Laboratory Instruments & Analytical Equipment: GC, GC-MS, LC-MS, ICP-MS, ICP-OES, TOF, TQ, Total Carbon Analyzers, Purge and Trap, Kjeldahl Analyzers, Soxhlet Extractors, Vacuum Ovens, and Muffle Furnaces