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## PROFESSIONAL EXPERIENCE

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- Instrumentation Engineer & Senior Chemist, TDI-Brooks International, Inc., February 2020 - Present
- Development Research Chemist, Food Safety Net Services, April 2018 - March 2019
- R&D Projects Manager, Xylem, Inc., February 2014 - September 2017
- Scientist, O.I. Analytical, January 2008 - February 2014
- Graduate Research Assistant, Department of Chemistry, Texas A&M University, 1999 - 2007
- Spectrometry Service Lab Technician, Texas A&M University, 2002 - 2003
- Teaching Assistant, Department of Chemistry, Texas A&M University, 1999 - 2001
- Research Chemist, Department of Chemistry, Texas A&M University, 1999

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## KEY ACHIEVEMENTS - TDI-BROOKS INTERNATIONAL, INC.

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

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## KEY ACHIEVEMENTS - FOOD SAFETY NET SERVICES

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- 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.

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## KEY ACHIEVEMENTS - XYLEM, INC.

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- 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.

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## KEY ACHIEVEMENTS - O.I. ANALYTICAL

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- 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.

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## FORMAL EDUCATION

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- 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



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# James Garrett Slaton

## Senior Analytical Chemist

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### TECHNICAL SKILLSET

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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

### HIGHLIGHTS OF EXPERIENCE

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- 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