

# Brian C. Jordan

Houston, TX 77048 Jordanb683@yahoo.com ~ 832-457-9656

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## Analytical Chemist

Motivated lead chemist with expertise in creating, organizing and managing sampling plan to maintain turnaround time in coordination with Pharmacy Operations. Person centered leader skilled in supervising, training, and establishing productivity as well as building collaborative relationships. Highly driven to consistently ensure quality and regulatory compliance are addressed with operation management. Experience in writing and executing analytical test methods of active pharmaceutical ingredient for new dosage forms per customer specific.

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## EDUCATION

**Doctorate Degree in Pharmaceutical Sciences** (Dec 2016)

Texas Southern University, Houston, TX

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## PROFESSIONAL EXPERIENCE

Covetrus Inc. - Houston, TX

**Analytical Chemist**, May 2018 to Present

- Draft and reviews certificate of analysis and contribute to the root cause analysis of drug formulation outside of FDA range.
- Review and Initiate the revision of sampling plan based on monthly reports and out of stock and back ordered medications.
- Draft standard operating procedures for instrumentation and laboratory equipment to resolve operating problems and preserve assets (inspection and preventive maintenance).
- Ensure HPLC results and experimental procedures are stored as hardcopy and electronically and updated in accordance of cGDP requirements and 21 CFR Part 11 procedure for internal audits.

Houston Community College, - Houston, Tx

**Adjunct Professor**, December 2016 to Present

- Conduct lab and lecture to 25 students on the principle of safety, data, and equipment for GLP and GDP guidelines.
- Supervisor and provide knowledge of biological techniques that will be performed in the pharmaceutical environment.
- Lecture to 25 students on Fundamental principle of living organism that will be studied, including physical and chemical properties of life.

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PLX Pharm Inc. - Houston, TX

**Quality Control Chemist**, December 2016 to January 2018

- Isolate and analyze the active pharmaceutical ingredient in finish products for potency on HPLC for bulk manufacturing batch release
- Search USP online formulation tool for assay for new drug formulation, API's and optimization of peak intensity on current methods.
- Create method development assay with HPLC-PDA for GI-Safe Non-Steroidal Anti-inflammatory Drugs for impurities and degradation products
- Troubleshoot and conduct preventive maintenance i.e. wavelength calibration and verification, intensity and current test, pressure sensitivity test, and pump leak rate test, to reduce delay in batch release and outside testing.
- Troubleshoot quaternary pump and change flow cell when pressure increase, and flow rate problems occur on HPLC instrument
- Assist supervisor with preparing for external audits by creating documents of chemicals, API, glassware count, and HPLC reports.

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## PUBLICATIONS

- **Jordan BC**; Bhavna Kuma; Ramasamy Thilagavathi; Pawan Kumar; and Selvam C: Synthesis and Evaluation of Pyrazole and Click Chemistry Curcumin Analogues for Cytotoxicity against Head & Neck Cancer. **Chemical Biology & Drug Design**. 2017; 18 July.
- Selvam C, **Jordan BC**; Ramasamy Thilagavathi; Daniel Mutisya: Pterocarpan Scaffold: A Natural Lead Molecule with Diverse Pharmacological Properties. **Eur. J. Med Chem**; 2017; 128; 219-236

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## PRESENTATIONS

- **Jordan BC**; Mock CD; Selvam C. Design and Synthesis of Novel Curcumin analogues for anti-prostate cancer. Poster Presentation. **AAPS Annual Meeting and Exposition**. San Antonio, TX. November **2013**. Abstract# 001945.
- **Jordan BC**; Mock CD; Selvam C. Design and Synthesis of Novel Curcumin analogues for anti-prostate cancer. Poster Presentation. 246<sup>th</sup> **ACS National Meeting & Exposition**. Indianapolis, IN. September **2013**. Abstract# MEDI-302