

Brian Bower, Ph.D. – Résumé

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SUMMARY:

An entry level candidate holding an Information Technology (IT) associates degree looking to make a transition from biotech laboratory science to IT. Has considerable experience with system/process validation in accordance with regulatory standards, direct client interactions, and cross-team project management including assisting with quality assurance, engineering, and control processes.

TRAINING AND EDUCATION:

DURHAM TECHNICAL COMMUNITY COLLEGE:

Associates of Applied Science, (AAS), Information Technology (GPA: 3.809) 2020-2021

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL:

Doctorate of Philosophy (PhD), Molecular Biology 2009-2014

OHIO UNIVERSITY-MAIN CAMPUS:

Bachelor of Science (BSc), Biological Science (GPA: 3.421) 2001-2008

WORK AND EMPLOYMENT:

IQVIA Laboratories

Durham, NC Associate Principal Scientist 11/2023-to-11/2024

- **SUMMARY:** Performed clerical, administrative and scientific duties of an Associate Principal Scientist in the Assay Development portion of the Biosciences team (*aka the 'BioA' team*).
- Obtained a Q2 Solutions Lean Six Sigma (6σ) Yellow Belt.
- Managed SharePoint and Teams resources as a member of the Site Safety Committee.
- Assisted with laboratory system validation processes (LSVP) including Installation Qualification (IQ), Operational Qualification (OQ), and Performance Qualification (PQ) for regulated laboratory and related systems by coordinating operations, quality assurance (QA), and quality engineering (QE).
- Developed [Smartsheet](#) products that automated and streamlined portions of contracted method development and LSVP project management for both end-users and management.

BioAgilytix Labs, LLC

Durham, NC Scientist III 3/2021-to-11/2023

- **SUMMARY:** Performed all clerical, administrative, and scientific duties of a Scientist II and III in the Gene and Cell Therapy / Molecular Team in a fast-paced contract research organization (CRO), including serving as lead scientist on contracted projects, SOP author and system owner.
- Managed SharePoint and Teams resources for the Molecular Team and a cross-team training program.
- Served as the scientific and technical lead for contracted assay development, validation, and sample analysis projects, including direct interactions with clients and presenting at meetings and conferences.
- Assisted with laboratory system validation processes (LSVP) including Installation Qualification (IQ), Operational Qualification (OQ), and Performance Qualification (PQ) for regulated laboratory and related systems by coordinating operations, quality assurance (QA) and management stakeholders.
- Presented findings and represented stakeholder perspectives at industry conferences.

RELATED CERTIFICATES:

Certiport Information Technology Specialist Certifications:

JavaScript December 2021

Microsoft Technology Associate (MTA) Certifications:

98-361: Software Development Fundamentals May 2021

98-388: Introduction to Programming Using Java December 2020

98-383: Introduction to Programming Using HTML & CSS December 2020