**Alicia Sutton**

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(919) 633-8566

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**Education**

**North Carolina Central University, Durham, NC**

B.S. degree in Environmental Science

Concentration: Chemistry

**Certifications**

**NC Certified Process Technician - #011102 May 2014**

Partnership for Biotechnology Workforce Training

**BioWork Process Technician Certificate May 2014**

Wake Tech Community College, Raleigh, NC

**Career Readiness Certificate** – **Gold level March 2014**

Wake Tech Community College, Raleigh, NC

**Work Experience**

**Production Technician** (Contractor) **September 2014 – June 2015**

Spectraforce/Merck Pharmaceuticals, Durham, NC

* Performs aseptic robotic process in virus suite for production of varicella for chicken pox and shingles vaccine in bulk vaccine manufacturing facility
* Conducts daily environmental monitoring: passive monitoring, active monitoring, and surface sampling
* Compliant with all approved SOPs, cGMPs, and FDA regulations
* Executes production accountability with use of electronic batch records
* Troubleshoots and corrects mechanical faults with process/production robotic equipment

**Clean Room Technician July 2013 – September 2014**

GCA Services (Merck Durham Plant), Durham, NC

* Performed housekeeping in aseptic environment for disinfection and decontamination according to approved SOPs
* Followed current good manufacturing practices (cGMP) within a FDA regulated facility
* Logged cleanings with use of Manufacturing Execution System (MES)

**Internship Experience**

**Preventive Maintenance Intern June 2007 - August 2007**

U.S. Environmental Protection Agency, RTP, NC

* Researched and investigated equipment manuals to identify the Operations and Maintenance for preventive maintenance requirements
* Produced preventive maintenance procedures for equipment occupying the facility
* Assisted in establishing preventive maintenance procedures for ARCHIBUS/FM database

**Student Intern February 2006 - June 2007**

Michael D. Baker, Inc., Durham, NC

* Reviewed information for the entry of project reports and scientific research publications into database to support Superfund Basic Research Program, NIEHS website

**Stormwater Services Intern June 2005 - May 2006**

City of Durham, Durham, NC

* Utilized Geographic Information Systems software for mapping stormwater data: sewer overflows, complaints, and stormwater drainage lines
* Conducted pollution source tracking, investigation, and stream monitoring
* Performed field water sampling (Ambient and Benthic), at various surface water sites - following appropriate Quality Assurance Plan (QAP) procedures

**Laboratory Technician Intern Summer 2003/2004**

North Carolina Central University, Durham, NC

* Conducted field sampling (soil, water, and air) following SOPs for the Environmental Risk and Impact in Communities of Color (ERICC) project at North Carolina Central University
* Maintained laboratory equipment, instrumentation calibration, and cleaning glassware
* Administered daily use of the Buck Scientific GFAA for analysis of metals
* Implemented acid extraction techniques using EPA methods 3020A and 3050B
* Performed proper Chain of Custody procedures

**Lab Techniques**

Buffer preparation, pH measurement, conductivity, making solutions, media preparation, liquid-liquid extractions, titrations, aseptic techniques, record keeping, thin-layer chromatography, column chromatography, GFAA, UV/VIS, IR, GC/MS, roto-vap, scanning electron microscopy, roller bottle staging, soil sampling, water sampling, turbidity, ambient and passive air sampling

**Technical Skills**

SAP, Delta V, PLC, Particulate Monitoring System (PMS), ArcGIS 8.1 - 9.2, SAS System 9.0, SPSS 15.0, Microsoft Office (Word, Access, PowerPoint, Excel)