

BHARAT K. SINGH

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EDUCATION:

College of Charleston (Charleston, SC)
BA CHEMISTRY (Completed May 2013)

EXPERIENCE:

The Melrose Community Health Clinic- Los Angeles, CA
Present

January 2015-

Director of Laboratory Services

- Direct contact person for third party toxicology labs
- Direct, establish, and plan overall policies and goals for both clinic's and drug/alcohol rehabilitation center's laboratory services
- Work closely with operations staff, department directors, and physicians to ensure highest standards of quality and service are maintained
- Train various facilities on operating protocol for specimen collection throughout Malibu, Calabasas, Orange County, Los Angeles, and Colorado areas
- Write and update procedures to ensure employees have information needed to perform specimen collection and test ordering
- Systemize collection and test ordering process for drug testing across facilities company-wide
- Maintain inventory and keep facilities stocked on UA supplies across all facilities
- Interpret drug screening lab results for 100+ patients and staff members company-wide
- Cross-reference patient lab results with their med logs to ensure medication compliance is followed
- Have knowledge of Kareo's Electronic Health Record and Kareo's Practice Management systems
- Working knowledge of various Laboratory Information Systems
- Have knowledge of qualitative and quantitative aspects of urinary drug tests (UDT) and Point of Care testing
- Familiar with ICD 9/10 coding for diagnostic testing on UDTs
- General knowledge of insurance billing and reimbursement patterns for UDTs
- Understand compliance factors associated with drug screening and collection within healthcare industry
- Practice strict adherence to the Health Insurance Portability and Accountability Act of 1996 for all protected health information
- Coordinate closely with Insurance Department to create a more integrated billing and tracking system for the increased volume of patient specimens

The Los Angeles Family Institute- Los Angeles, CA
December 2014

January 2014-

Systems Analyst

- Examined new and existing information systems in order to implement, configure, and test feasible solutions
- Worked closely with both the Management Information Systems and IT departments
- Created an integrated approach to improving general company metrics
- Maintained various company data across all departments to assess efficacy of client care
- Wrote business plan for company's migration to a relational database management system

BASF- Spartanburg, SC
December 2013

August 2013-

Quality Control Chemist

- Performed a variety of quality control test measures to ensure integrity of chemicals made on-site
- Analyzed initial and finished stages of surfactants (polymers and polyethers)
- Tested waste water from ponds on-site (included testing for pH, total organic carbon, and nitrogen)
- Approved shipments and finished products, as well as in-process approval for products during various stages of their development
- Communicated with Control Room, engineers, and chemical operators when products' specifications were out of range (required to calculate corrective measures and report back to engineers)

development

- Communicated with Control Room, engineers, and chemical operators when products' specifications were out of range (required to calculate corrective measures and report back to engineers)
- Required to do both automatic and manual titrations for off-spec products to bring specifications back into range (Titrations were performed to neutralize pH, calculate hydroxyl and molecular weight values, and determine trace amounts of water and KOH)
- Off-spec products were brought into range in the analytics lab, then calculations were performed to scale up reactions to meet vessel conditions (where products were made)

INSTRUMENTATION:

- Familiar with, but not limited to, following instrumentation:
- Varian NMR 300, Broker Alpha FT-IR, High Performance Liquid Chromatography, Photoluminescence/Fluorescence instrumentation, Gas Chromatography (Head Space GC and direct injection), Total Organic Carbon Analyzer, Total Nitrogen Measuring Unit, GPC-MALS (Molecular weight determination via light scatter technology), Karl Fischer Titrator (to determine trace amounts of water), pH probes
- Working knowledge of SAP software (for Certificate of Analysis creation, handling, inspection, and shipping of on-site chemicals)
- Extensive knowledge of BASF-Whitestone's Quality Control Data Systems and working knowledge of BASF-Whitestone's Polyol Batch Management System
- Testing of incoming raw materials via headspace GC and IR analysis
- Proficiency in organic synthesis, inorganic synthesis, quantitative analysis/procedures, qualitative analysis/procedures, gel-filtration chromatography/general chromatography

AWARDS/HONORS:

- Dean's List (Fall 2008 Semester)
- Palmetto-Fellows Scholarship Recipient
- Presidential Scholarship Recipient
- Alexander B. Holmes Grant Recipient
- National S.M.A.R.T Grant Recipient
- College of Charleston Honors Program
- Top 5 % of High school graduating class
- Scored in 90th percentile in 2011 Major Field Test certified by the American Chemical Society
- Awarded gold medallion for highest average in Honors Chemistry, Honors Economics, and Honors Geometry in 2006

LANGUAGE SKILLS:

- Fluent in English, conversational Hindi, conversational Spanish

REFERENCES: (Most recent)

- Michael Madolora (Chief Operating Officer-Los Angeles Family Institute) (949) 743-4026
- Frank Clanton (Senior Process Chemist/ Quality Control Manager-BASF) (864) 594-5203
- Danny K. Weathers (Team leader, Analytics Lab-BASF) (864) 415-2884