

Josh McCall

1285C Bear Mountain Dr
Boulder, CO, 80305

(704) 948.5113
jdmccall@alumni.ncsu.edu

Education

University of Colorado, Boulder, CO. (*August 2007 – present*)
Doctor of Philosophy in Chemical and Biological Engineering

North Carolina State University, Raleigh, NC. (*August 1998 – December 2003*)
Bachelor of Science in Chemical Engineering with a minor in Creative Writing
GPA: 3.744 on 4.0 scale **Major GPA:** 3.875 on 4.0 scale

Relevant skills

Accomplished chemical engineer with experience in process development, process troubleshooting, scale-up and optimization. Pharmaceutical experience with semi-solids, liquids, and APIs. Strengths include leadership, organization, interpersonal skills, and the ability to clearly define problems and implement improvements.

Work Experience

Actavis (formerly Alpharma USPD) Lincolnton, NC. (*March 2004 – July 2007*)

Tech Transfer Engineer, Technical Services Department, June 2005 to July 2007,

- Develop pharmaceutical processes which are viable, practical, predictable and robust
- Prepare technical documentation to support regulatory filings, PAIs and product launches
- Provide technical support to Manufacturing, Packaging, and Quality Assurance.
- Supervise assigned personnel
- Oversee activities related to the manufacturing of laboratory, process development, clinical, OTC demonstration and ANDA batches
- Evaluate new process methods, equipment and alternate raw materials to assess their possible use for new or existing products.
- Prepare, execute, and summarize exhibit batch and process validation protocols.
- Act as a liaison with Operations personnel during the scale-up and transfer of new and reformulated products

Validation Engineer II, Technical Services Department, December 2004 – June 2005,

- Maintained all responsibilities from previous position as Associate Quality Engineer
- Generated and executed protocols (IQ, OQ, PQ) as part of equipment validations

Associate Quality Engineer, Technical Services Department, March 2004– December 2004

- Investigated process excursions and developed corrective/preventative measures
- Led multi-disciplinary task force working to improve manufacturing batch instructions
- Designed and executed laboratory experiments to model manufacturing processes for troubleshooting and improvement

Co-op Experience

National Starch and Chemical Company, Salisbury, NC. (*December 2000 – August 2001*)

Co-op Engineer, Pilot Plant for Electronic and Engineering Materials Division

- **1st Rotation** – Coordinated equipment upgrades, process optimizations, and new equipment installations, including VOC emission meters and steam flowmeters.
- **2nd Rotation** – Investigated new process technologies to reduce pilot plant VOC emissions; oversaw equipment repairs and process troubleshooting
- **3rd Rotation** – Independently led process development project for coating of inorganic powder products; worked closely with internal R&D scientists to transfer and scale product; qualified inorganic products with customers to assure future sales

Volunteer Experience

Volunteered as counselor at Camp Care, a Charlotte, NC-based summer camp for children with cancer, summers 2002 - 2007.

Professional Memberships

References available upon request

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- American Chemical Society (ACS)
- Golden Key Society, Academic Honor Society
- Omega Chi Epsilon, Chemical Engineering Honor Fraternity