

bioMASON
building with nature

bioMASON Inc.
February 2018

Job: Industrial Microbiologist
Location: Research Triangle Park, NC
Start Date: Effective Immediately, Full Time

bioMASON is a unique biotechnology start-up manufacturing company with a natural process that will revolutionize the building and construction industry. bioMASON employs microorganisms and chemical processes to manufacture biological cement-based masonry building materials in ambient temperatures.

bioMASON is dedicated to finding talented, multi-faceted, hard-working, and passionate people to join our innovative team. We are a young start-up seeking to make a massive impact on carbon emissions. bioMASON believes in a fast-paced, creative working environment that fosters collaboration and innovation unhindered by traditional boundaries.

The company appeals to self-directed, flexible teammates who embrace ambiguity, learn quickly, possess interpersonal skills, and seeks to test ideas through rapid iteration. An insatiable curiosity about biocement, design sensibilities, and customer empathy is required. The work often requires more than 40 hours per week including occasional nights and weekends.

The Industrial Microbiologist is responsible for the continued development, optimization, and reproducibility of production fermentation of bioMASON microbiological products. This position reports to the Director of Laboratories.

Minimum Qualifications:

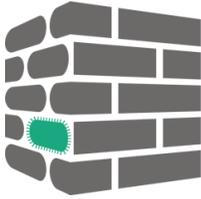
- Bachelor's degree in microbiology and or related field, Master's degree preferred.
- Minimum 5-years industry experience

Responsibilities, Tasks and Outcomes:

- Continued development of industrial-scale fermentation standard processes.
- Fermentation optimization, GMP and SOP development.
- Media formulation and nutritional analysis.
- Hands-on operation of bioreactors and process equipment.
- Leadership and management of technicians, as needed.
- Project management for associated experiments, projects, and milestones.
- Implementation of QC, QA, and Process Analytics protocols.
- Coordination with relevant partners and services.
- Coordination with the Technical Development Team on commercialization strategies.
- Perform other company related duties and responsibilities designated at the discretion of the supervisor

Required Skills and Interests:

- Industrial fermentation, formulation, and optimization techniques.
- Familiarity with bioreactors / fermenters, microplate readers, coulter counters, cell enumeration techniques, and colorimetric / fluorescent assays.



bioMASON
building with nature

- Data collection, organization, and statistical analysis.
- Independent troubleshooting and experimentation.
- Ability to learn quickly in fast paced environment.
- Technical aptitude for bespoke experimental setups.
- Ability to interface with external laboratories and commercial partners.
- Willingness to travel occasionally, up to 10%.

The Candidate Must Be:

- Organized and possess excellent attention to detail
- Creative, flexible, proactive, punctual, persistent
- A team player
- Ability to Self-Manage
- Comfortable with a demanding fast-paced work environment and ability to excel in a growing environment

bioMASON Employees Must Possess:

- Professionalism
- Integrity and Honesty
- Passion and Motivation
- Analytical Skills
- Intelligence and Aptitude
- Productivity

Must have reliable transportation to the RTP/ Raleigh area.

Please send your resume and **fully completed application** to jobs@biomason.com with the heading "*Industrial Microbiologist*".

The bioMASON Career application may be found on bioMASON's website, under the "Career" tab http://biomason.com/wp-content/uploads/2015/12/bioMASON_Application-1.pdf

bioMASON Inc. takes affirmative actions as an equal opportunity employer to attract, promote, and retain the most fully qualified candidates without regard to race, creed, religion, color, citizenship status, national origin, sex, age, sexual orientation, predisposing genetic characteristics, genetic information, marital status, status as a domestic violence victim, arrest record, disability, military status, disabled veteran, recently separated veteran, Armed Forces Service Medal veteran, other protected veteran or other characteristic as protected by law.

EOE M/F/D/V