

bioMASON
building with nature

bioMASON Inc.
May 2017

Job: Research Scientist - Bio-geochemistry
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.

bioMASON is seeking a Research Bio-geochemist with a specialization in carbonates. This is a Full-time Associate position, responsible for participation in fundamental research and development agendas for bioMASON's novel biocementation technologies. This position reports to the Research Microbiologist and the Chief Technology Officer.

Minimum Qualifications:

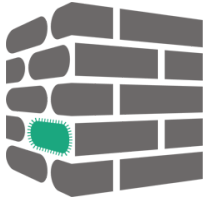
- Master Degree or higher in Ocean Science, Earth Science, Environmental Science, or a related field of study.
- Minimum 2-years work experience in a research team.

Responsibilities, Tasks and Outcomes:

- Development and implementation of testing methodologies for the observation and analysis of carbonate formation.
- Performance characterization of formed carbonate materials and modes of failure.
- Experimental design for influencing carbonate seeding, growth, and organization as directed by established and new research agendas.
- Coordination with biotechnology, process development, and materials testing teams.
- Literature review and internal dissemination.
- Performing other duties assigned by your supervisor

Required Skills and Interests:

- Demonstrable understanding of carbonate materials formation, polymorph identification, and performance characterization.



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- Experience, understanding and interest in Raman spectroscopy and X-ray powder diffraction.
- Experienced in the application, modification, and development of standard and novel laboratory assays.
- Experimental design, documentation, and technical writing skills.
- Ability to work on small team under tight deadlines

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 "Research Scientist".

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