Post-doctoral Research Fellow

We are seeking qualified candidates for a Post-doctoral Research Fellow. This is a full time position conducting research to develop production systems for native and European truffle species on ectomycorrhizal hosts native to the Southeast US.

The position is funded by the North Carolina Biotechnology Center, to work on a collaborative project between Drs. Omon Isikhuemen and Marihelen Glass at North Carolina A&T State University, Greensboro, NC and Mycorrhiza Biotech, LLC located in Burlington, NC.

Mycorrhiza Biotech is a science and technology company specializing in the research, development and application of biotechnology associated with the use of mycorrhizal fungi and allied organisms to improve the development and growth, disease resistance, and yield of economically significant trees and crops. Mycorrhiza Biotech operates a laboratory in downtown Burlington, NC and a demonstration farm in Gibsonville, NC.

The position will require limited travel throughout the Piedmont Triad area (Winston-Salem, Burlington, and Raleigh-Durham) and other southern states (South Carolina, Georgia, and Tennessee). Some international travel may be required – up to 10%. The candidate must have proper authorization to travel abroad.

Position is open until filled

Duration:
The position is initially available for two years with the potential for an additional year.

Duties:
The primary responsibilities will include:

- Truffle collecting and culturing
- Host tree production
- Host tree inoculation
- Inoculated host tree outplanting
- Inoculated host tree mycorrhiza assays
- Outplanted host tree mycorrhiza assays
- Laboratory and reporting protocol maintenance

Qualifications

We are seeking candidates with the following qualifications:

- PhD in mycology, botany, microbiology, or plant biology
- Theoretical knowledge and practical experience in working with mycorrhizal-forming fungi
- Experience with molecular biology techniques
- Experience with plant tissue culture and micropropagation is a plus
- Proficiency in spoken and written English
- Ability and interest in working with farmers and market chain actors to develop orchard maintenance techniques
- Ability and interest in working with the IT Department to develop software to support farming interests

How to Apply

Interested individuals should send the following information to omon@ncat.edu

- 1-page cover letter stating qualifications, background, and reasons for applying
- Resume (CV)
- Copies of scientific publications, if available
- 3 Letters of reference from people familiar with your academic and research capabilities

Reference CFG Postdoc in the subject line of all correspondence