Plant Pathology Intern

NewLeaf Symbiotics is seeking a motivated Intern to conduct research aimed at developing plant-associated bacteria for broad applications in the crop protection area of agriculture and horticulture. NewLeaf is a fast-paced and exciting company engaged in the discovery, development, formulation, and commercialization of products based on naturally occurring strains of beneficial plant-associated bacteria.

The company headquarters and laboratories are located in the BRDG Park facility of the Donald Danforth Plant Science Center, in the Creve Coeur area of St. Louis, Missouri.

Responsibilities:
- Prepare and plant seeds/transplants into growing media and maintain in the greenhouse
- Assist with the treatment of seed to prepare for the planting of field evaluations.
- Assist with plant pathology assays, including handling and application of beneficial bacteria and plant pathogenic microorganisms in lab, growth chamber and greenhouse environments
- Prepare small and large scale plant pathogen inoculum using aseptic techniques
- Conduct routine tasks following standard operating procedures to help carry out data collection and analyses
- Assist with general lab maintenance duties including media and solution preparation, general equipment maintenance, cleanliness and organization of the laboratory, and dishwashing as needed
- Assist with other related lab and greenhouse projects as needed to help NewLeaf Symbiotics meet its research and commercial objectives

Requirements:
- Minimal educational requirements are progress towards a degree in plant pathology/crop protection, agricultural science, microbiology, biology or related field
- Ability and desire to work independently as well as in a collaborative team-environment
- Detail-oriented with excellent oral and written communication skills and problem solving skills
- Proficiency at multi-tasking and prioritization of assignments in a fast-paced and often changing research environment
- Must be able to work in greenhouse conditions and with agricultural pesticides

Please send a cover letter, resumé and contact information for three professional references to:

Dr. Gladys Mbofung-Curtis
NewLeaf Symbiotics
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