POSITION ANNOUNCEMENT

Research Scientist with Expertise in Soil Science and Greenhouse Gas Measurement

The Soil Health Institute (SHI), soilhealthinstitute.org, is a non-profit organization created to safeguard and enhance the vitality and productivity of soil through scientific research and advancement. The Institute brings together leaders in soil health science and agriculture to conduct research and empower farmers and landowners with the knowledge to successfully adopt regenerative soil health systems that contribute economic and environmental benefits to agriculture and society. SHI has a dynamic team of scientists and educators, working together to assess and promote soil health practices on commercial farms. This position will work in dairy forage, and to some extent potato, production systems.

Responsibilities include:

- Lead, manage, and conduct soil and trace gas sampling and analysis in close collaboration with partners across the U.S.
- Provide aid to partners when troubleshooting instrumentation and software errors associated with field sampling and data processing.
- Soil, greenhouse gas, and agronomic data processing: QAQC, analysis, and synthesis.
- Leading peer-review scientific publications on soil health, GHG emissions, and alternative manure products in dairy forage production systems and contributing as co-author in collaboration with project partners.
- Data analyses, synthesis, and reporting of soil health data in dairy forage and potato production systems
- Work with SHI team to meet deliverables of projects.
- Support additional SHI projects with disciplinary knowledge.

Minimum Qualifications required:

- A Ph.D. degree in soil science, agronomy, or a related discipline.
- Experience collecting soil samples and greenhouse gas measurements.
- Ability to manage large volumes of data.
- Enthusiasm for travel, estimated to be 7 weeks per year.
- Demonstrated record of advancing science through peer-reviewed literature related to the field of soil science or agronomy.
- Fluent in R programming.
- Interest in soil health management in dairy forage and potato production systems.
- A valid driver’s license.
♦ Must be able to lift 50 lbs.
♦ Currently authorized to work in the United States.

Preferred qualifications:
♦ Experience collecting and analyzing data for soil health assessment.
♦ Research or on-farm experience with dairy feed production.
♦ Familiarity with biophysical models.
♦ Interest in advancing research to promote soil health in agroecosystems.
♦ Proficient use of GIS software (ArcGIS/QGIS/etc.)

Compensation:
The Research Soil Scientist will be hired as a full-time limited term employee, with a possibility of extension based on employee performance and project funding availability. Annual salary will start at $90,000, commensurate with qualifications and experience. This is a full-time position with competitive paid leave, life, health and dental insurance, 401K and other benefits. The position is fully remote with occasional travel for soil sampling and team meetings.

To Apply
Qualified applicants are encouraged to send their cover letter, college transcripts (unofficial is ok), resume, and contact information for three professional references to Dr. Mara Cloutier, Project Scientist, at mcloutier@soilhealthinstitute.org. Position will remain open until filled; however, the first review of applications will begin August 28, so all interested candidates are strongly encouraged to apply by that date.