

19 February 2010

## EMPLOYMENT OPPORTUNITY ANNOUNCEMENT

### JOB DESCRIPTION

**TITLE:** Soil Scientist  
**JOB CLASSIFICATION:** Application Scientist  
**DEPARTMENT:** Research  
**REPORTS TO:** Vice-President of Research or Soils Market Manager

**REQUIREMENTS:** PhD or equivalent training and experience in soil science. Requires advanced knowledge of soil physics along with a solid background in instrumentation and measurement techniques used to characterize physical processes in soils. The position requires specific soil measurement expertise in the following areas: water content, matric potential, thermal conductivity, electrical conductivity, and temperature. Candidates with demonstrated experience applying soil measurements to agronomic, hydrologic, geotechnical, and waste-management issues are highly desired, along with a general knowledge of electronics and experience with Campbell Scientific equipment. Experience with time-domain reflectometry (TDR) is especially applicable. A successful candidate must be able to communicate clearly in English, both verbally and in writing, and have experience in quantitative data analysis, statistical data processing, and instrument calibration.

### RESPONSIBILITIES AND DUTIES:

- Work in conjunction with engineering to design innovative soil instrumentation.
- Develop soil product specifications and verify instrument performance.
- Evaluate measurement tradeoffs of performance and cost.
- Efficiently manage project teams and carry product development to completion.
- Lead strategic planning to develop new soil instrumentation.
- Write papers, posters, seminars, product manuals, marketing literature, and application notes on soil measurements.
- Attend technical conferences to interact with fellow scientists and research new soil applications.
- Mentor, supervise, and review the work of fellow employees.
- Support customers on difficult and unique soil applications.
- Write and troubleshoot Campbell Scientific datalogger programs to support product development and customer applications.
- Other responsibilities assigned by supervisor.

This is a full-time, salaried staff position with full employee benefits, including paid medical and dental insurance and retirement. Only qualified applicants considered. If you are interested and meet the above qualifications, forward a cover letter, current resume, and a completed *CSI Application for Employment* (available at [www.campbellsci.com](http://www.campbellsci.com)) to Campbell Scientific, Inc., 815 West 1800 North, Logan, UT 84321-1784. Campbell Scientific is an EQUAL OPPORTUNITY EMPLOYER.