



Working Title: IDDO Field and Drill Specialist (WAIS & SPICE)

Official title: SR INSTRUMENT TECH(S54BN) or INSTRUMENTATION TECH(S54DN) or ASSOC INSTRUMENT TECH(S54FN)

Degree and area of specialization:

B.S. in Electrical Engineering, Computer Science, Physics, or related field.

Minimum number of years and type of relevant work experience:

- It is required that the individual be physically fit. The individual may be required to pass a physical qualification (PQ) before deployment.
- A high degree of mechanical and electrical aptitude.
- Familiarity with computer systems.
- Must be capable and willing to work in extreme cold environment for 12 hour shifts up to seven day a week for two to three months.
- Ice drilling experience.
- Ability to work in a team.
- At least 3 years experience working in the Arctic or Antarctic region is preferred.
- CPR and first aid training (or equivalent) is desired.

Principal duties:

Space Science and Engineering Center (SSEC) Ice Drilling Design and Operations (IDDO) group works with the National Science Foundation (NSF) for ice coring and drilling services in support of its numerous research projects. IDDO provides engineering design support for new drilling systems, as well as, the operation and maintenance of existing drill systems. The U.S. research community conducts ice coring and drilling projects in the Arctic, Antarctic and on high altitude glaciers at lower latitudes for studies of climate, ice sheet history and cryobiology.

Drilling and field operations, require extensive specialized equipment and individuals who know how to use this equipment and are willing to live for extended periods of time on the ice in remote locations.

The Field and Drill Specialists will be responsible for providing technical expertise regarding the research and science which may include: ice sampling, measurements, drilling and sample analysis. Staff will also be involved with modifications and adjustments to specialized equipment used in support of several National Science Foundation (NSF) projects. The staff will need to analyze and record scientific data that may be used in future publications or for reports associated with ice coring and drilling activities for studies and research of climate, ice sheet history and cryobiology.

Additional Information:

Successful candidates may be required to pass a Physical Qualification (PQ) that is reviewed by a NSF physician and the Antarctic Support Contractor.

This position is based on climate conditions, logistics and drilling needs of specific projects. Generally, training and equipment preparation will begin mid to late summer and drilling at specific location will start in November. Deployment begin and end dates will vary and drillers will live on-site during deployment.

A possibility exists that this position may be extended beyond June 30, 2015.

A criminal background check will be conducted prior to hiring.

A period of evaluation will be required



Employee class: Academic Staff
Department(s): GRAD/SPACE SCI
Full time salary rate: Minimum \$60,000 ANNUAL (12 months)
Depending on Qualifications
Term: This position will end on June 30, 2015
Appointment percent: 10% - 100%
Anticipated begin date: August 4, 2014
Number of positions: 8
Department Contact:
Kathryn Kaminski Phone: 608-262-5933
1225 W Dayton St Phone TTY: 608-263-2473
Room 301 Fax: N/A
Madison, WI 53706-1612 Email: kate.kaminski@ssec.wisc.edu

HOW TO APPLY:

Unless another application procedure has been specified above, please send resume and cover letter referring to Position Vacancy Listing # 80088 to the contact indicated above.

To ensure consideration, application must be received by: July 30, 2014

NOTE: Unless confidentiality is requested in writing, information regarding the names of applicants must be released upon request. Finalists cannot be guaranteed confidentiality.

UW-Madison is required by law to request data from applicants for employment in order to monitor our recruitment and selection practices. In order for us to meet this federal reporting requirement, please go to <http://www.oed.wisc.edu/reports-and-forms.htm> to fill out the Voluntary Self-Identification of Disability Form and the Applicant Self-Identification Form for Protected Veterans. Please reference the Position Vacancy Number when uploading your completed forms. Completing these forms is voluntary and your responses will be kept confidential and is not considered as part of the hiring criteria.

UW-Madison is an equal opportunity/affirmative action employer. We promote excellence through diversity and encourage all qualified individuals to apply.

For more academic job opportunities at the University of Wisconsin-Madison please see http://www.ohr.wisc.edu/pvl/pvl_internet_report_home.html

For more information on the University of Wisconsin-Madison Office of Human Resources please see <http://www.ohr.wisc.edu/>

*For more information on the University of Wisconsin-Madison see our home page at <http://www.wisc.edu/>
For UW Madison Campus Safety Information see <http://www.wisc.edu/students/faculty/safety.htm>*