UNIVERSITY OF WISCONSIN-MADISON
Position Vacancy Listing
PVL# 44317

Working title: LOGISTICS/DEPLOYMENT ENGINEERS-ICE CUBE

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

Degree and area of specialization:
B.S. in engineering, or related discipline.

Minimum number of years and type of relevant work experience:
Experience in the design, development, testing and modification of scientific instrumentation. (Minimum of two years experience in logistics planning and execution.) Experience in preparation of budgets. Must also be familiar with using word processing and spreadsheet software (Microsoft Word and Excel). The candidate must have strong communication and documentation skills and experience working on diverse technical teams that include: scientists, managers, engineers, programmers, technicians and machinists.

PREFERRED: Experience working at Polar and High altitude sites. Experience working with National Science Foundation and/or Raytheon Polar Services (RPSC) is desired.

Principal duties:
The University of Wisconsin-Madison is a research institution with an international reputation in physical sciences research and education. The Space Science and Engineering Center (SSEC) is the research and development center within the Graduate School and supports the IceCube Project. IceCube is a kilometer-scale neutrino telescope consisting of 5000 optical sensors to be deployed at depth in the Antarctic Ice near the South Pole. Details can be found at http://icecube.wisc.edu/

The primary responsibility of the IceCube Logistics Engineer is to assist in the design development and testing of components of the IceCube project. This position will also be responsible for planning and coordinating the transport of components of the system from various collaboration sites to Wisconsin and to the Pole.

Under the guidance of senior engineering staff this position will support the IceCube detector design, development, testing, deployment and commissioning. Specific responsibilities include: 1) assisting with the design, development and testing of the components of the IceCube System 2) assisting in the fabrication and assembly of components of the system, 3) assisting, monitoring and documenting the disassembly of the system into it's component parts in preparation for shipment to the Pole, 4) coordination of the shipping of all collaborating institutions, 5) preparation of budget plans and monthly logistics reports, 6) preparation and submission of staffing plans to RPSC for annual drilling, deployment and instrument commissioning, 7) coordination of South Pole technical and drilling support, and 8) assist in the assembly of the components at the South Pole, these positions require individuals to be physically qualified and willing to work at Polar and high altitude sites for extended period of time during Austral Summer (6-12 weeks).

A period of evaluation will be required

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Appointment type: Academic Staff
Department(s): GRAD / SPACE SCI&ENG CT
Full time salary rate: Minimum $40,596 ANNUAL (12 months)
Depending on Qualifications
Term: This is a renewable appointment.
Appointment percent: 50% - 100%
Anticipated begin date: APRIL 15, 2003
Number of positions: 1

To insure consideration, application must be received by: APRIL 09, 2003

HOW TO APPLY: Send resume and cover letter referring to Position Vacancy Listing #44317 to
SALLY LOY Phone: 608-262-0294
1225 W. DAYTON ST TTY: N/A
MADISON WI 53706-1612 Fax: 608-262-5974
Email: sally.loy@ssec.wisc.edu

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

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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.ohr.wisc.edu/Employment/Safetyinformation.htm