

University of Wisconsin - Madison

Position Vacancy Listing

PVL # 80406

Working Title:

Scientist

Official Title:

ASSOCIATE SCIENTIST(E10FN) or ASSISTANT SCIENTIST(E10LN)

Degree and area of specialization:

PhD in biology, biochemistry, biophysics or related discipline.

Minimum number of years and type of relevant work experience:

Three years experience (post-doctoral or staff positions) in serial section tomography/cryotomography. Experience should include sample preparation, microscope operation, data acquisition and data analysis. The scientist should have sufficient experience and knowledge to work independently to develop protocols applicable for analysis of the nanostructures and troubleshoot problems in all aspects of their analysis.

Principal duties:

The project will focus on elucidating the architecture of novel bacterial nanostructures, and study nanoscale interactions between cells that these structures may mediate. These goals will be addressed by the application of serial section tomography/cryotomography and the scientist should have experience in at least one of these areas. Scientist will work closely with PI in this unique research to ensure research progress.

Duties

1. Work on experimental design.
2. Independently develop protocols applicable for analysis of the nanostructures.
3. Develop samples of interest for tomographic studies.
4. Perform tomographic analyses of samples and data processing.
5. Troubleshoot problems in all aspects of the analysis.
6. Interpret data.
7. Develop manuscripts for publication of the research.

A criminal background check will be conducted prior to hiring.

A period of evaluation will be required

Employee Class:

Academic Staff

Department(s):

CALS/SOIL SCIENCE

Full Time Salary Rate:

Minimum \$40,861 ANNUAL (12 months)

Depending on Qualifications

Term:

This is a renewable appointment.

Appointment percent: 100%
Anticipated begin date: SEPTEMBER 21, 2014
Number of Positions: 1

TO ENSURE CONSIDERATION

Application must be received by: SEPTEMBER 16, 2014

HOW TO APPLY:

Unless another application procedure has been specified above, please send resume and cover letter referring to Position Vacancy Listing #80406 to:

Teresa Busby Phone: 608-263-5744
1475 Observatory Dr Fax: N/A
263 Soils-King Hall Email: tcbusby@wisc.edu
Madison, WI 53706-1209

Relay Access (WTRS): 7-1-1 (out-of-state: TTY: 800.947.3529, STS: 800.833.7637) and above Phone number (See [RELAY SERVICE](#) for further information.)

NOTE: Unless confidentiality is requested in writing, the names of applicants must be released upon request. Finalists cannot be guaranteed confidentiality. In the case where there are fewer than five finalists, the names of the five most qualified candidates must be released upon request.

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.**

Feedback, questions or accessibility issues: ohrwebmaster@ohr.wisc.edu

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