



Position Announcement
Post-doctoral Research Associate
Voyles Lab
Department of Materials Science and Engineering
University of Wisconsin, Madison

The Voyles Lab in the Department of Materials Science and Engineering at the University of Wisconsin, Madison, seeks a post-doctoral research associate to work on the structure of novel materials, interfaces, and devices for advanced spintronics. This position is part of the C-SPIN research center, a multi-institutional collaboration sponsored in part by the semiconductor industry. The research associate will have the opportunity to work with a variety of collaborators and materials systems from universities across the US and make contact with center-affiliated companies. Goals include development of new spin channel materials including 2D materials such as graphene and MoS₂ and development of materials and heterostructures with perpendicular magnetic anisotropy.

This project will make extensive use of the aberration-corrected FEI Titan STEM at UW Madison and other instruments at national and international user facilities. Experience with materials characterization by TEM and STEM is preferred; preference will be given to candidates with a background in quantitative Z-contrast STEM, EELS, and EDS. A Ph.D. in Materials Science, Physics, or related discipline is required.

For additional information, see tem.msae.wisc.edu, cspin.umn.edu and msc.engr.wisc.edu. Duration is 1-3 years, and salary will be commensurate with qualifications. To apply, please send a cover letter and CV including contact information for three references to:

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