

## Postdoctoral Researcher in Nanomagnetism

A postdoctoral position studying ferromagnetic nanorings is available in the research group of Katherine Aidala in the Physics department at Mount Holyoke College. Scanning probe microscopy will be used to both manipulate and measure the magnetic states of the nanorings (see <http://www.mtholyoke.edu/~kaidala/>). The project is in collaboration with Prof. Mark Tuominen at the neighboring University of Massachusetts, Amherst. Mentored teaching opportunities can be arranged for applicants seeking teaching experience in a liberal arts college environment.

The qualified applicant will have a Ph.D. in physics or a related discipline with a strong background in experimental condensed matter physics or nanoscience more broadly, as well as a desire to engage with highly motivated undergraduates in cutting-edge research. Previous experience with nanomagnetism, nanofabrication, and/or scanning probe microscopy is preferred. To apply, please arrange to send your curriculum vitae, two letters of recommendation, and a cover letter that includes a brief description of your research interests and any teaching interests you may have to Prof. Katherine Aidala, ([kaidala@mtholyoke.edu](mailto:kaidala@mtholyoke.edu)). Email submission is preferred. A review of applications will begin immediately and continue until the position is filled. The start date can be extended to Jan 1 for outstanding applicants. This is a one-year position that can be extended through a second year.

Mount Holyoke College is a selective liberal arts college for undergraduate women in the Pioneer Valley of Western Massachusetts, under two hours by car from Boston. Mount Holyoke is a member of the 5-College Consortium along with Smith, Hampshire, and Amherst Colleges and the University of Massachusetts, providing a vibrant community of scholars and scientists and local access to advanced instrumentation and facilities. Mount Holyoke is committed to fostering multicultural diversity and awareness in its faculty, staff, and student body and is an Affirmative Action, Equal Opportunity Employer. Women and people of color are especially encouraged to apply.