



Materials Research Science and Engineering Center



Middle- and High-School Science Teachers Nanoscience Research Opportunity

at The University of Nebraska–Lincoln

The Materials Research Science and Engineering Center (MRSEC) at the University of Nebraska–Lincoln (UNL) invites applications from middle- and high-school **science teachers** to become engaged in research during the summer of 2016.

Funded by the National Science Foundation, the UNL MRSEC conducts state-of-the-art interdisciplinary experimental and theoretical research on *Polarization and Spin Phenomena in Nanoferroic Structures*, involving faculty and students from multiple STEM-oriented departments.

Part of MRSEC's mission is to provide research experiences and opportunities to faculty and students from high schools, colleges, and universities outside UNL. This is your opportunity to become involved in one of our research thrusts, such as:

- Functional magnetoelectric materials and interfaces
- Molecular-level magnetoelectrics
- Polarization-enabled functional materials and properties
- Low-dimensional molecular ferroelectrics

It is anticipated that the interaction between MRSEC and the teachers and their classes will continue during the 2016-2017 academic year.

Teachers will receive a summer stipend of \$1,000/week for up to 8 weeks of full-time commitment to their project.

Please visit our website at mrsec.unl.edu for a full listing of research projects and additional information, and contact the MRSEC Associate Director, Prof. Axel Enders, with any questions.

Applications should be submitted by email to MRSEC Education/Outreach Coordinator Jocelyn Bosley (jbosley@unl.edu). Application materials should be **combined into a single PDF file** under the name "LASTNAME SCHOOL 2016 REU application.pdf," which should include the following information:

- Full curriculum vitae
- List of science and math courses taken during the applicant's undergraduate curriculum
- Brief statement (no more than one page) of what the applicant expects to gain from this opportunity
- Letter of support from the school
- Contact information for one reference who can speak to the applicant's interest and ability in science

Application deadline: March 15, 2016

For more information, please contact:

Professor **Axel Enders**

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