

20 April 2017

**Two Fellowships in Science Education and Outreach for STEM graduate
students at the W.K. Kellogg Biological Station**
Academic year (Fall-Spring) available in Fall 2017

The W.K. Kellogg Biological Station (KBS) has funding to support two (2) graduate student fellowships in Science Education and Outreach for 2017-18. Fellowships are intended for STEM graduate students who have completed at least one year of graduate work at MSU and have an interest in science education, public engagement and outreach. Applicants who have advanced to candidacy and have established – or intend to establish - research at KBS will have priority for these positions.

Fellowship Description:

Fellows will work with the KBS Science Education and Outreach Coordinator and faculty at KBS to support outreach efforts in science education and outreach in conjunction with the KBS K-12 partnership and other outreach programs at KBS. Fellows will assist with planning, organizing and coordinating professional development workshops for teachers (academic year and summer) and work with partner teachers to develop curriculum and lessons aligned with Next Generation Science Standards. Fellows also will assist in planning and leading field trips and place-based education experiences at KBS and in the local community. Fellows will be expected to contribute blog posts related to education and outreach programs at KBS highlighting research done at MSU relevant to the K-12 partnership. They will also contribute to the evaluation and use of Data Nuggets (www.datanuggets.org) in teaching science in K-12 and are expected to develop a ‘nugget’ that highlights their research. Fellows will be expected to attend a one-day orientation at KBS (Fall semester) and weekly planning meetings, work with KBS staff and teachers on development of curriculum materials, and assist with the development and coordination of two one-day school-year workshops (Fall and Spring semesters), and a three-day Summer Institute. On average Fellows will be expected to spend 15-20 hours per week in support of the Science Education and Outreach programs. Selected Fellows will be encouraged to attend the 2017 Summer Science Institute, August 9-11.



**W.K. Kellogg
Biological Station**

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Carriage House Offices, 1st floor

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Development: 269-671-2444
Outreach: 269-671-2360
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Compensation:

Fellows will be paid a stipend of \$20,000 (\$10,000 per semester – Fall and Spring), have health benefits (full year – August 2017 – August 2018) and tuition for up to 3 credits/semester. Limited funding will be available to cover travel and project-related expenses. Appointments will begin in August 2017 and will be for two semesters: Fall 2017 and Spring 2018. Some funding will be available for Fellows to participate in summer programs (information about this will be forthcoming). Fellowships can be renewed for an additional year but will be competitive with new applicants.

To apply:

Applicants for the Science Education Fellowships at KBS should submit: (1) a statement of interests that includes a short description of their research and their outreach and teaching experience; (2) a CV that includes prior teaching and outreach experience; and (3) a letter of support from their faculty advisor. The statement of interest and advisor's letter of support should demonstrate a familiarity with the general goals and expectations of the KBS Science Education and Outreach program.

Questions and application materials should e-mailed to Kara Haas, KBS Science Education and Outreach Coordinator, at karaahaas@msu.edu. Review of applications will begin **1 May 2017** and Fellows informed of their selection **by 15 May 2017**. An in-person – or video – interview may be required.

About KBS:

The Kellogg Biological Station (KBS) is MSU's largest off-campus research and education facility and is located in Southwest Michigan about 90 minutes from main campus. The KBS K-12 Partnership, formed in 1999, is a partnership among area science teachers, KBS scientists, and MSU College of Education faculty with the goal to enhance the content and delivery of the Michigan K-12 science curriculum. The program promotes improved science teaching by providing teachers in-depth exposure to current topics in ecology, evolutionary biology and sustainability practices together with training in inquiry-based science methods. Place-based education is a focus of all KBS education and we work to provide schools with meaningful experiences through field trips. Fellows work with KBS outreach educators and the Kellogg Bird Sanctuary to plan and lead K-12 field trip/tours. <http://www.kbs.msu.edu/outreach/for-k-12-teachers/>