

MICHIGAN STATE UNIVERSITY

1 June 2021

Fellowship in Science Education and Outreach for STEM graduate students at the W.K. Kellogg Biological Station

Spring 2022

The W.K. Kellogg Biological Station (KBS) has funding for one (1) fellow to join the team in spring 2022 (15 January – 15 July). Fellowships are intended for STEM graduate students who have completed at least one year of graduate work 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:

Our work focuses on supporting K-12 teachers and students in connecting with the science and natural resources of KBS. Fellows will:

- assist with planning and coordinating professional development workshops for teachers (virtual and in-person when authorized).
- work collaboratively to create or updated curriculum materials aligned with Next Generation Science Standards.
- create, update and maintain content related to K-12 outreach on websites and social media.
- assist in planning, administering and leading K-12 student experiences, including virtual and in-person (when authorized) field trips and place-based education experiences at KBS, Kellogg Bird Sanctuary, MSU campus and in the local community.



W.K. Kellogg Biological Station

3700 E. Gull Lake Dr.
Hickory Corners, MI 49060

Community Relations
Carriage House Offices, 1st floor

Communications: 269-671-2015
Development: 269-671-2444
Outreach: 269-671-2360
Volunteer: 269-671-2263
Fax: 269-671-2409
kbs.msu.edu

Fellows will develop a professional development plan, based on their research and interests, which may include creating content for social media, blog posts, Data Nuggets, journal articles, conference presentations, etc. Fellows will be expected to attend orientation sessions, weekly planning meetings and spend 15-20 hours per week in support of the Science Education and Outreach programs.

Fellows will work with Misty Klotz (Community Outreach Assistant), Kara Haas (K-12 Partnership Coordinator), and faculty at KBS to support science education and outreach efforts. The team also includes two academic year fellows, Elizeth Cinto Mejia and Kyle Jaynes.

Compensation:

Fellows will be paid as follows:

Spring semester: \$14,000 (these funds are to be used for stipend, health insurance and tuition)

1 – Spring 2022, January -July 2022

The one (1) Spring appointment will be working 15 January – 15 July 2022 (this fellowship appointment may be renewed depending on performance)

To apply:

Applicants for the Science Education Fellowships at KBS should submit: (1) a statement of interests that includes a short description of your research and outreach and teaching experience; (2) a CV that includes prior teaching and outreach experience; and (3) a letter of support from your 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 Misty Klotz klotzmis@msu.edu and Kara Haas karahaas@msu.edu during the fall 2021 semester. Applications will be reviewed as received. Interviews (via Zoom) 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.

<http://www.kbs.msu.edu/outreach/for-k-12-teachers/>