The workshop is designed to provide educators with hands-on experiences with engineering design activities while increasing their knowledge of engineering and confidence to teach engineering to K-5 students. Participants will leave the workshop with the knowledge, skills, and confidence necessary to implement open-ended engineering design challenges in their classrooms.

**Presenter:**

**Rebekah Hammack, PhD.**

Rebekah holds National Board Certification in Early Adolescent Science and is a 2014 recipient of the Presidential Award for Excellence in Mathematics and Science Teaching. Rebekah recently completed an Albert Einstein Distinguished Educator Fellowship at the National Science Foundation. Prior to beginning her fellowship at NSF, she spent 12 years teaching science and engineering in Oklahoma. She has also served as an Adjunct Professor at Oklahoma State University, and as the project manager for a Math Science Partnership grant to provide engineering-focused professional development to Oklahoma elementary teachers.

**Register online:**

www.montana.edu/ehhd/smrc/
This workshop prepares elementary school teachers to use engineering design activities with their students.

During the two-day workshop participants will:

- Develop a foundational understanding of engineering, the engineering design process, and the work of engineers.
- Experience a variety of hands-on engineering design activities appropriate for use at the K-5 level.
- Explore numerous online engineering education resources for K-5.
- Identify strategies to link the literacy, math, and science standards already being taught in the classroom with engineering design activities.

After the workshop participants will:

- Provide feedback about their experiences to the workshop instructor, including additional professional development opportunities they would be interested in participating in.
- Have the option to receive support from the workshop instructor when implementing workshop activities into their classrooms.
- Have the option to continue working with the workshop instructor throughout the school year to receive input and feedback on the development and implementation of additional classroom engineering activities.

For more information contact:

Ehsan Salam
441 Reid Hall, MSU, Bozeman, MT 59717
ehsan.salam@montana.edu, 406-994-3733