



Teacher Professional Development Workshop

The Education and Outreach team at Sanford Underground Research Facility has developed hands-on curriculum units for use in your classroom. Two units have been developed for each of three grade bands. All units connect to the science and engineering taking place at Sanford Lab.

Elementary (3-5)	Middle School (6-8)	High School (9-12)
Exploring the Unseen	What's the 'Matter' with the Big Bang	Perplexing Puddles
May the Force Be With You	Monster Waves	'We are All Made of Star-Stuff'

During this weeklong workshop, teachers will have an opportunity to work through two of the curriculum units. Applicants are asked to prioritize the units based on which ones you are most interested in teaching in your classroom. You will explore the science and engineering of the units from a unique perspective, strengthening your content knowledge and helping you connect your students to the cutting-edge science of Sanford Lab.

Additional information about the units can be found at <http://sanfordlab.org/education/curriculum-modules>. Sets of instructional materials have been assembled for each module, and workshop graduates will be eligible to checkout the modules for use in their classrooms.

South Dakota teachers in grades 3-12 are eligible to apply.
You can register at <https://form.jotform.com/60265626413149>

Details

A \$500 stipend will be awarded to all participants who successfully complete the workshop. During the week, lunch and snacks will be provided. If needed, lodging will also be provided at Black Hills State University.

Two hours of graduate credit will be available at a reduced tuition rate through Black Hills State University.

Application and Notification Process

Admission will be selective and limited to 60 teachers. (20 Elementary, 20 MS and 20 HS)

Please complete the online application **by March 31**.
Teachers will be notified of their application status **by May 20**.

For Further Information or Questions

Contact Julie Dahl at 642-6878 or Julie.Dahl@bhsu.edu

Thanks to our funders and partners!