

Project leads

Scott Strong (AMS)

Emily Bongiovanni (Library)

Statement of Interest

Core Open Educational Resources: Mines led change into 21st-century STEM education

We propose to lead the creation of a core set of Open Educational Resources (OER) in STEM, which help minimize the financial burden of textbooks and course materials for our students as well as help disseminate Mines branded learning materials. This project will support Mines in becoming a recognizable Zero-Textbook Cost (ZTC) institution and will make unique contributions to STEM education.

This project will support the development of OER, so our faculty are better equipped with flexible learning materials that both licensed to be tailored to individual needs and free to our students. The project will specifically focus on the creation of materials that may be utilized by high-school or the guaranteed transfer pathways students. By communicating with their educators, we can build effective and freely available curricular elements for all stakeholders, which will make Mines an attractive and accessible destination for the most diverse regional population as well as lower the costs of higher education for our own students.