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General Information

Open Educational Resources (OERs) are teaching, learning, and research resources released under **an open license that permits their free use and repurposing by others**. OERs can be textbooks, full courses, lesson plans, videos, tests, software, or any other tool, material, or technique that supports access to knowledge.
Definition from SPARC: the Scholarly Publishing & Academic Resources Coalition

CSN's OER Task Force was established in FY2018 to address the need and interest of OER at the college. (Learn more about the taskforce.) In fall 2018, CSN received the STEM Innovation and Impact grant from the Nevada Governor's Office of Science, Innovation & Technology to focus on Science, Technology, Engineering and Math (STEM) initiatives. As a part of this grant, there are allocated funds for faculty and adjuncts to develop, review, use and create courses related to STEM by utilizing OER. We invite applications related to the development and use of OER that focus on:

1) Courses that are clearly STEM courses
2) Course that are not clearly STEM courses, but are explicitly required as part of a clear STEM degree to fulfill a general education requirement or otherwise
3) Courses that are not clearly STEM courses and are not explicitly required as part of a clear STEM degree, but are indirectly required to fulfill a general education requirement as part of a clear STEM degree

The committee will consider proposals that involve the development of OER for variable amounts of funding, reviewing OER ($250), using OER ($500) and creating a master course ($1,250) that are all related to STEM. The committee may prioritize proposals that impact the largest number of students. Entry-level courses (i.e., 100 level) may be more likely to receive funding. For more information, review the information PDF found on the OER website, and visit the STEM website and the OER website.

Develop OER for STEM Students – TBD

Open Educational Resources have been shown to improve student success, but they are underdeveloped in STEM disciplines. The committee will consider project proposals that involve the creation and use of OER that benefits STEM students. Please provide a thorough summary of your project proposal

A. Describe the need for your project
B. Describe what you will actually do
C. Provide a reasonable time line
D. Suggest a reasonable sum of money to fund your project
E. Describe how the project will benefit STEM students.
F. Describe how the project aligns with focus areas #1, #2, or #3 listed on page 1.

Review OER STEM Textbook/Materials – $250

To advance the use of already existing OER, please review an OER textbook or materials and write a review for your fellow CSN faculty and others. To be eligible to receive $250, you must do the following:

A. Partake in a half-hour OER meeting with a librarian.
B. Pick out an OER/CC textbook materials in your discipline. We recommend OpenStax, BC Campus, or Open Textbook Library for textbooks.
C. Write a 1-page review. If it is a traditional textbook, please consider using the following criteria to guide your review:

   Open Textbooks Review Criteria:

   a. Comprehensiveness
      The text covers all areas and ideas of the subject appropriately and provides an effective index and/or glossary.
   b. Content Accuracy
      Content is accurate, error-free and unbiased.
   c. Relevance Longevity
      Content is up-to-date, but not in a way that will quickly make the text obsolete within a short period of time. The text is written and/or arranged in such a way that necessary updates will be relatively easy and straightforward to implement.
   d. Clarity
      The text is written in lucid, accessible prose, and provides adequate context for any jargon/technical terminology used.
   e. Consistency
      The text is internally consistent in terms of terminology and framework.
   f. Modularity
      The text is easily and readily divisible into smaller reading sections that can be assigned at different points within the course (i.e., enormous blocks of text without subheadings should be avoided). The text should not be

overly self-referential, and should be easily reorganized and realigned with various subunits of a course without presenting much disruption to the reader.

g. Organization Structure Flow

The topics in the text are presented in a logical, clear fashion.

h. Interface

The text is free of significant interface issues, including navigation problems, distortion of images/charts, and any other display features that may distract or confuse the reader.

i. Grammatical Errors

The text contains no grammatical errors.

j. Cultural Relevance

The text is not culturally insensitive or offensive in any way. It should make use of examples that are inclusive of a variety of races, ethnicities, and backgrounds.

k. Accessibility

Please list any accessibility information listed with the textbook you are reviewing or a link to where the accessibility information can be found. It could be a statement within the book, information on the download/information page of the book or a Voluntary Product Accessibility Template (VPAT). If the book you are reviewing does not include information about accessibility, just say "no accessibility information listed."

l. Other

These review criteria were developed by BCcampus. This work is licensed under a Creative Commons Attribution 3.0 Unported license.

D. Provide your review so that it can be shared.
E. Present your review and findings at a department meeting.

Use OER STEM Textbook/Materials in Your Course – $500

Use OER STEM textbook/materials in your Canvas course shell as your course textbook

After selecting a textbook or materials, meet with an eLearning senior analyst/instructional designer to:

A. Incorporate your OER STEM textbook/materials into Canvas
B. Set up the rest of your course in Canvas

When the class is ready to go, the first $250 will be awarded

Surveys

You and your students will be surveyed about their OER experience mid-semester and at the end of the semester. After surveys are completed and a final meeting in which the library and office of eLearning are represented, you will receive the last $250.

Develop an OER STEM Master Course – $1,250

Use OER STEM materials in your Canvas course and add other parts of your class into your Canvas course, train adjunct faculty, and teach the class

A. After selecting a textbook or materials, meet with an eLearning Senior Analyst/Instructional Designer to develop your master course
B. Meet with Shari Peterson to discuss aligning course outcomes and class activities
C. Set up half the course in Canvas, including objectives, assignments and quizzes/tests ($500 will be awarded)
D. Set up the second half of the course including objectives, assignments and quizzes/tests
E. Have a training to share the course with adjunct faculty and discuss the objectives, assignments, quizzes
F. When the class is ready to go, $500 will be awarded

Surveys

You, the adjunct instructor(s), and your students will be surveyed about their OER experience mid-semester and at the end of the semester. After surveys are completed and a final meeting in which the library, office of eLearning, and Shari Peterson are represented, you will receive the last $250.

Submit a Proposal

Please see application on www.csn.edu/OER.