

Round	14
Grant #	M80
Applicant Name	Mark E. Knauss
Applicant Position	Professor of Biology
Applicant Institution	Georgia Highlands College
Applicant Email Address	mknauus@highlands.edu
Other Team Members	
Type of Project	Creation of ancillaries for pre-existing OER
Course Number(s) and Title(s)	BIOL 2108 Principles of Biology II
Final Semester of the Project	Spring 2020
Proposed Grant Funding Amount:	\$2,800.00
Currently-Existing Resource(s) to be Revised / Ancillaries Created	The current lab manual used for the BIOL 2108 is not housed on a public access page. I can send a .pdf on request.
Project Description	<p>The goal of the project is to render laboratory materials in a more modular and student-friendly format that will emphasize student responsibility in carrying out the objectives of the laboratory. The current lab manual for BIOL 2108 is an in-house generated lab manual that is a traditional style lab manual that (1) is content intensive and (2) focuses exclusively on "in lab" exercises. Perhaps the greatest limitation of the current lab manual is the absence of any mention of, or encouragement of use of student accessible technology.</p> <p>The project goal is to generate a series of streamlined objective-intensive laboratories that: (1) are much more limited and focused in terms of content, (2) are directly referable to the content objectives of the lecture component of the course, (3) are geared towards our technologically-equipped students who need to be constructively guided into a more efficacious use of their personal technology, (4) are directly referable to the goals and objectives listed for each laboratory (lab-specific goals and objectives are not present in the current lab manual), (5) direct and guide the student towards visual web resources that will reinforce the content and "in-lab" activities, (6) will be accompanied by a series of lab-specific PowerPoint presentations that will summarize the lab content and the "in-lab" activities.</p>

	The project products will be a series of weekly laboratories in support of the GHC BIOL 2108 Principles of Biology II course. Each laboratory will be represented by a Lab Exercise document and a PowerPoint presentation. These products will be posted on D2L for their inaugural use in the Spring 2020 BIOL 2108 Principles of Biology II course offered at the Floyd campus of Georgia Highlands College.
Timeline and Personnel	June, 2019. Write Laboratory Exercise documents. Knauss. July, 2019. Generate PowerPoint presentations. Knauss. August-October, 2019. Photodocumentation of lab content. Knauss. November -December, 2019. Editing, generation of final products. Knauss. Spring, 2020. "Test-drive" in BIOL 2108, Floyd Campus, GHC. Knauss. Spring, 2020. Submission of finished products. Knauss.
Budget	Team Member: Mark E. Knauss \$2000 Laboratory and Photographic Supplies \$ 800
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