Proposal for ACHE/ACCS Open Educational Resources Grant

For Academic Year 2018-2019

Submitter Name	LeAnn S. Judah				
Submitter Title	Mathematics & Sciences Division Chair				
Submitter Email	Liudah@lbwcc.edu				
Submitter Phone Number	334-382-2133 ext. 3202				
Submitter Campus Role (Faculty/Team Lead, Grants Office Representative, Academic Affairs Office Representative, etc.)	Mathematics & Sciences Division Chair/Instructor/Advisor				
Applicant Name (Faculty/Team Lead; must be an implementing faculty member)	Dr. Brian Cushing				
Applicant Email Address	bcushing@lbwcc.edu				
Applicant Phone Number	334-222-6591 ext. 22	29			
Applicant Job Title and Department, Division, School, etc.	Chemistry Instructor, Mathematics & Sciences Division, Lurleen B. Wallace Community College				
Applicant Institution Name	Lurleen B. Wallace Community College				
Other Team Members (Name, Title, Department, Institutions if different, and email address for each)	Rachel Boothe, Instructor, rboothe@lbwcc.edu LeAnn S. Judah, Mathematics & Sciences Division Chair/Instructor, Ljudah@lbwcc.edu				
Sponsor Names, Title, Department, Institution (for each letter of support)	Shannan Spurlin, Instructor, sspurlin@lbwcc.edu Peggy Linton, Dean of Instruction, Lurleen B. Wallace Community College				
Proposal Title	OER Re-design for Physical Science				
Award Category (Check only one):	☐ Small-Scale Alteration (\$250 - \$1,000	☑ Medium-Scale Conversion (\$1,000 - \$3,000)	☐ Large-Scale Transformation (\$3,000 - \$5,000)		
Amount of Funding Requested:	\$	\$2,000.00	\$		
Projected Impact	Estimated Number of Students Impacted Annually (From GRAND TOTAL "A", Page 2)	Projected Total Annual Student Cost Savings (From GRAND TOTAL "B", Page 2)	Average Projected Cost Savings Per Student (Divide GRAND TOTAL "B" by GRAND TOTAL "A"		
H = X	300	\$29,250.00	\$97.50		

Information on Courses Targeted for OER Implementation

Course Number and Name (Example: ENG 101 English Composition I) (Insert additional rows as needed to accommodate all courses affected at all participating institutions, including sections offered by different delivery if they use different learning materials)	Institution	Estimated Annual Enrollment	Cost Per Student for All Currently Required Learning Materials	Cost Per Student for All Proposed Required Learning Materials	Savings Per Student After Implementation of Proposed OER	Total Annual Projected Student Savings
PHS 111-Physical Science I	Lurleen B. Wallace Community College	225	\$97.50	\$0.00	\$97.50	\$21,937.50
PHS 112-Physical Science II	Lurleen B. Wallace Community College	75	\$97.50	\$0.00	\$97.50	\$7,312.50
	A. GRAND TOTAL:	300		B. GRAND TOTAL:		\$29,250.00

Note: Each course targeted for OER implementation under this grant program must be taught during both fall and spring semester of the 2018-2019 academic year. The team lead must teach at least one section of each course during each semester.

NARRATIVE

DESCRIPTION OF PROJECT: (1) In the space below, discuss the goals of the project. What do you hope to achieve?

The aim of the project is to reduce student cost, provide greater learning value, and promote continuous enhancement of instruction by integrating and implementing OER into the Physical Science course sequence by developing both PHS 111 and 112 into an online delivery format.

(2) Describe the student learning materials (textbooks, lab manuals, homework/test systems, supplementary reading material, etc.) that are currently required in each course, tell which of those are targeted for replacement with OER, and tell whether you plan to replace these by adopting existing OER, revising existing OER, or creating completely new OER.

Currently, student learning materials include a required costly textbook. This textbook is targeted for replacement by revising existing OER and creating new OER by developing lectures and laboratory activities that may be delivered through distance education.

ACTION PLAN: In the space below, describe the role of each project team member and the work or activities expected from them.

Brian Cushing—development of PHS 112 OER lecture material and lab activities for online delivery

Rachel Boothe—support and review of PHS 112 OER material

LeAnn S. Judah—development of PHS 111 OER lecture material and lab activities for online delivery

Shannan Spurlin—support and review of PHS 111 OER material

INSTITUTIONAL SUPPORT: (1) In the space below, describe the institutional support that will be made available for the project, including any in-kind financial support, assistance from instructional or graphic designers, help with writing, editing, research, etc.

The LBWCC Distance Education Faculty Development Coordinator, Mary Ann Hudson, will assist in research and resources for the project. Her Coordinator salary will serve as in-kind financial support.

(2) Think about the individuals (other than students) and departments, divisions, or schools that have a stake in the success of this project. If the project is successful, what support from these stakeholders can you expect for continued use of the implemented OER? What evidence exists that this expectation is reasonable? Use the space below to answer these two questions.

Upon successful completion of the project, Lurleen B. Wallace Community College will have the ability to offer a full Associates degree online at a reduced cost to students. Therefore, this will increase support

from numerous stakeholders including, but not limited to: Recruitment, Admissions, Student Support Services, Business Office, Instruction, and Administration. As of now, Lurleen B. Wallace Community College is promoting the integration of OER materials by sending faculty to OER workshops and other professional development opportunities. OER has already been adopted at LBWCC in the Mathematics & Sciences division through the mathematics emporium, and based upon its success and support, the Physical Science OER project will be well supported.

SUSTAINABILITY PLAN: What is your plan for offering the course in the future, including maintenance, enhancement, and updating of course materials?

Instructors teaching PHS 111 and 112 will jointly review and update course materials each spring semester to ensure that the OER materials used are effective. Upon successful completion of the project, both PHS 111 and PHS 112 will be ready to be offered as fully online courses that will fulfill the AA/AS degree science credits.

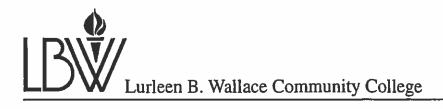
BUDGET

In the table below, please list all anticipated expenses to complete the project. Include personnel (salaries, replacement costs for release time, overload pay, etc.) and other project expenses including software, supplies, equipment, travel, etc. Insert additional rows as needed.

EXPENSE CATEGORY	AMOUNT REQUESTED	VALUE OF INSTITUTIONAL IN-KIND CONTRIBUTION	PROJECT TOTAL
Supplies (paper, printer ink)	\$500.00	\$0.00	\$500.00
Personnel (Mary Ann Hudson)	\$0.00	\$4,800.00	\$4,800.00
Equipment (recording equipment, tablets)	\$1,000.00	\$0.00	\$1,000.00
Software for labs	\$500.00	\$0.00	\$500.00
·			
GRAND TOTALS	\$2,000.00	\$4,800.00	\$6,800.00

REFERENCES & ATTACHMENTS: A letter of support must be provided from the sponsoring area (unit, office, department, school, library, campus office of the Vice President for Academic Affairs, etc.) that will be responsible for administration of funding. Letters must reference sustainability. In the case of multi-institutional affiliations, all participants' institutions/departments must provide a letter of support.

*Please see attached letter from Dean of Instruction, Peggy Linton.



May 31, 2018

Mr. Ron Leonard Alabama Commission on Higher Education P O Box 302000 Montgomery, AL 36130-2000

Dear Mr. Leonard:

Please accept this letter of support for Lurleen B. Wallace Community College to participate in the ACHE/ACCS Open Educational Resources Grant Program for the 2018-2019 Year.

The burden of textbook costs is a major concern for all college students, and especially for students in rural south Alabama who are economically challenged. If selected to participate in the project, LBW will adapt the PHS111 Physical Science I and PHS112 Physical Science II courses to utilize Open Educational Resources. With an estimated annual enrollment of 300 students, this could mean a cumulative cost savings of approximately \$29,250.00 to students enrolled in these two courses.

Once adapted, there will be no cost to the College to maintain Open Educational Resources for the Physical Science courses. In order to ensure sustainability of the project, instructors will meet each Spring semester to evaluate course materials for effectiveness. The Distance Education Coordinator will be a part of the evaluation process in order to ensure distance education requirements are met.

As administrator of the Instructional Services division, I highly recommend Lurleen B. Wallace for participation in the ACHE/ACCS Open Educational Resources Grant Program for the 2018-2019 year.

Sincerely,

Peggy P. Linton

Dean of Instruction