

# OER Revisions and Ancillary Materials Creation Mini-Grant Application

Affordable Learning Georgia aims to support the sustainability of previous Textbook Transformation Grants implementations through revisions of created open educational resources or the creation of new ancillary materials for existing OER. Individuals or teams who would like to apply for an OER Revisions or Ancillary Materials Creation Mini-grant participants do not need to be the original creators of the resource(s). While we welcome original authors to revise their original materials, the nature of open licenses allows for the revision and remixing of OER materials by anyone as long as the terms of the license are adhered to.

The final deliverable for this category is the revised or newly-created materials as proposed in the application, which will be hosted through GALILEO Open Learning Materials. All revised or newly-created materials will be made available to the public under a Creative Commons Attribution License (CC-BY), unless the original materials were under a more restrictive license such as the inclusion of SA (Share-Alike) or NC (Non-Commercial).

For the purposes of this grant, we define revision as the major improvement of a resource through updates for accuracy, accessibility, clarity, design, and formatting. We define ancillary materials as any materials created to substantially support the instruction of a course using an existing open educational resource(s).

## Applicant Name \*

Rebecca Rutherford

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## Applicant Position \*

Interim Assistant Dean of the College of Computing & Software Engineering, Dept. Chair Information Technology and Professor of IT

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## Applicant Institution \*

Kennesaw State University

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## Applicant Email Address \*

Please use your institutional email address.

brutherf@kennesaw.edu

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## Other Team Members

Individuals can apply for mini-grants; a team is not required. If you do want to add team members to your grant, please provide the names and email addresses here.

Lei Li

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## Type of Project \*

- Revision of pre-existing OER
- Creation of ancillaries for pre-existing OER
- Other: \_\_\_\_\_

## Final Semester of the Project \*

This is the semester in which the materials created/revised will be completed.

- Fall 2019
- Spring 2020

## Proposed Grant Funding Amount: \*

This is the total (in a dollar amount) of funding you are requesting for the mini-grant. There is a maximum of \$4800, with a maximum of \$2000 per team member and \$800 for project expenses.

\$4800

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## Currently-Existing Resource(s) to be Revised / Ancillaries Created \*

Please provide a title and web address (URL) to each of the currently-existing resources that you are either revising or creating new ancillary materials for below.

CSE 3153 Database System (ALG round 2, proposal #119)

Learning material link: <http://ksuweb.kennesaw.edu/%7Elli13/CSE3153.html>

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## Project Description \*

In at least one paragraph, describe your project's goals and deliverables.

The proposed course, CSE 3153 Database Systems, was initially developed using the no-cost-learning material in 2015 as part of the ALG grant round 2 proposal #119. In the past three years, we have been doing regular maintenance on the no cost learning material such as fixing the broken web links. Given the advances in database technology such as mobile and no-SQL databases, we think it is time to refresh the content of CSE 3153 from a holistic view.

The goals and deliverables of this project are listed as follows.

1. Update the contents of the learning material in the current learning modules. This includes new written instructor module content, and external links and videos. If possible, the web content will be cached and .pdf to provide local material for the students whenever possible. Videos will be captured for disabilities.
2. Create updated PowerPoint slides for each learning module to better guide the student to understand the learning material.
3. Update the quizzes, assignments, and projects to reflect the changes in the learning material.
4. Add a new learning module for the emerging database technologies such as mobile database and no-SQL database.

The updated learning material will be hosted in the same publicly available web site.

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## Timeline and Personnel \*

Provide a project timeline with milestones below, keeping in mind your selected Final Semester above. Provide a short description of the roles any additional team members will take on during the activities in your timeline.

The project timeline with milestones are listed as follows.

Milestone 1 – complete the no-cost-to-student learning material update of CSE 3153.

Milestone date: 5/5/2018. Person responsible for the milestone: Dr. Lei Li.

Milestone 2 – complete project progress report. Milestone date: 5/5/2018 or date specified by ALG. Person responsible for the milestone: Dr. Rebecca Rutherford.

Milestone 3 – teach the course using the newly developed learning material and collect student feedback. Milestone date: 7/15/2018. Person responsible for the milestone: Dr. Rebecca Rutherford.

Milestone 4 – complete project final report. Milestone date: 7/30/2018 or date specified by ALG. Person responsible for the milestone: Dr. Rebecca Rutherford.

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## Budget \*

Please enter your project's budget below. Include personnel and projected expenses. The maximum amounts for the award are as follows: \$4,800 maximum award, \$2,000 maximum per team member, \$800 maximum for overall project expenses. Unlike standard-scale and large-scale transformations, the maximum of \$800 is not a required element of the budget, but rather meant primarily for the purchase of specific tools and software which would help with improving resources.

Dr. Rebecca Rutherford – instructor of the record - \$2000

Dr. Lei Li – course developer - \$2000

Equipment/software - \$800.

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## Creative Commons Terms \*

- I understand that any new materials or revisions created with ALG funding will, by default, be made available to the public under a Creative Commons Attribution License (CC-BY), with exceptions for modifications of pre-existing resources with a more restrictive license.

# Google Forms