**Affordable Learning Georgia Textbook Transformation Grants**

**Final Report for Mini-Grants**

# General Information

Date: August 17, 2018

Grant Round: 11

Grant Number: M33

Institution Name(s): Georgia Southwestern State University

Team Members (Judy Orton Grissett, Ph.D., Associate Professor of Psychology, Department of Psychology and Sociology, judy.grissett@gsw.edu):

Project Lead: Judy Orton Grissett, Ph.D.

Course Name(s) and Course Numbers: PSYC 4431: Experimental Psychology

Final Semester of Project: Fall 2018

***If applicable to your project:***

Average Number of Students Per Course Section: 35

Number of Course Sections Affected by Implementation of Revised Resources: 1

Total Number of Students Affected by Implementation of Revised Resources: 35

# 1. Project Narrative

The purpose of this project was to create a set of ancillary materials for the open textbook [*Research Methods in Psychology*](open.lib.umn.edu/psychologyresearchmethods/)(Anonymous), a textbook intended to be used for psychology research methods courses. At the start of this grant, the textbook was available through the University of Minnesota’s Open Textbook Library (<open.lib.umn.edu/psychologyresearchmethods/>) and could be found in most open material repositories (e.g., MERLOT, OER Commons). Since this grant was proposed, however, a [more recent version of the text](https://opentext.wsu.edu/carriecuttler/) has been released by Price, Jhangiani, Chiang, Leighton, and Cuttler (<https://opentext.wsu.edu/carriecuttler/).> The resources developed for this grant can be used for the new edition of the text, although they were written for the earlier version.

Although a solid text, a major drawback of *Research Methods in Psychology* has been its lack of ancillary materials. Ancillary materials for the text can be found through the website [Flat World Knowledge](https://catalog.flatworldknowledge.com/catalog/editions/price-research-methods-in-psychology-core-concepts-and-skills-1-0#main); however, faculty must create an account with the company with the expectation that students will pay to access the text and related materials. This model is not in accordance with the tenets of open education. To maintain the openness of the textbook, alternative opportunities for accessing the course materials should be made available.

The current project helped create ancillary materials for each of the textbook’s thirteen chapters. These include slide presentations, test-banks, and online resources (e.g., websites, videos). Many of the resources shared here were a culmination of OER-enabled pedagogy, as students were actively involved in the creation of exam questions and collection of resources. I will continue to use this approach in my classroom, as students were able to meet course learning objectives while improving the base of OER for the course. In the future, I will provide more guidance to students in their creation of test questions and collection of resources, such as that provided by Dr. Rajiv Jhangiani in [this article](http://thatpsychprof.com/why-have-students-answer-questions-when-they-can-write-them/) (<http://thatpsychprof.com/why-have-students-answer-questions-when-they-can-write-them/>), to improve the quality of resources.

# 2. Materials Description

The following materials have been created as part of this project:

* Slide presentations
  + There are 13 slide presentations, for each of the 13 chapters in the *Research Methods in Psychology* textbook. These chapters cover the following topics:
    - Science of Psychology
    - Getting Started in Research
    - Research Ethics
    - Theory in Psychology
    - Psychological Measurement
    - Experimental Research
    - Nonexperimental Research
    - Complex Research Designs
    - Survey Research
    - Single-Subject Research
    - Presenting Your Research
    - Descriptive Research
    - Inferential Statistics
* Exam questions
  + There are exam questions that cover concepts from each of the 13 chapters in the *Research Methods in Psychology* textbook. These chapters cover the following topics:
    - Science of Psychology
    - Getting Started in Research
    - Research Ethics
    - Theory in Psychology
    - Psychological Measurement
    - Experimental Research
    - Nonexperimental Research
    - Complex Research Designs
    - Survey Research
    - Single-Subject Research
    - Presenting Your Research
    - Descriptive Research
    - Inferential Statistics
* Terms, definitions, and online resources
  + A list of terms, definitions, and some helpful online resources that cover concepts from each of the 13 chapters in the *Research Methods in Psychology* textbook are available. These chapters cover the following topics:
    - Science of Psychology
    - Getting Started in Research
    - Research Ethics
    - Theory in Psychology
    - Psychological Measurement
    - Experimental Research
    - Nonexperimental Research
    - Complex Research Designs
    - Survey Research
    - Single-Subject Research
    - Presenting Your Research
    - Descriptive Research
    - Inferential Statistics

# 3. Materials Links

N/A

# 4. Future Plans

I plan to continue to add to these materials in the future, particularly as students continue to collect materials and create questions and assignments through OER-enabled pedagogical practices.