Recruiting Statement

NSF 2141930 The Collaborative Replications and Education Project: An Exploration and Design ESL Level I Project

Dear colleagues,

I am conducting a study to evaluate the use of CREP (the Collaborative Replications and Education Project) in the classroom and am seeking psychology instructors who are teaching at least one lower-level research course in psychology at the undergraduate level in each of Spring 2023 and 2024, and will have at least 20 anticipated students completing research projects as part of the course each semester. Volunteers will be randomly assigned to either:

1. Incorporate CREP projects into their course (experimental group) in Spring 2023, or
2. Incorporate a standard (non-CREP) research project in your course in Spring 2023 and a CREP project in your course in Spring 2024

What is required? All instructors will provide the students in their courses with information about how to sign up to complete both pre- and post-tests via Avila University's SONA participant system. *All students will be eligible to receive $25 for completed pretests by the end of the first week of class, and another $25 for complete posttests by May 31*.

If your course is randomly assigned to the CREP group, then you will have students complete CREP projects as part of the course. The project and related components should be worth at least 20% of the students' grade in the course. In addition to supervising CREP projects, you will also remind your students about the surveys at key points in the semester. You will not be informed which students choose to complete the surveys. **Prior to the start of the semester, CREP instructors will receive a $500 stipend to incorporate CREP into their course** - this stipend will apply to both experimental and waitlist instructors, the semester they do incorporate CREP.

If your course is randomly assigned to the waitlist group, then you will have students completing more traditional research projects. These can be either group or individual projects but should **not involve CREP or require replication work**. Nothing is required beyond providing students information about the surveys and reminding them about the surveys at key points in the semester. You will not be informed which students choose to participate in the study.

What is a CREP project? You can read more about CREP projects and their benefits here.

How will the data be used? The data for this project will be used to evaluate the effectiveness of CREP projects as a pedagogical tool. Anonymized data will be available on the Open Science Framework. Students will complete their own informed consent process before agreeing to participate.

What is included in the surveys? We anticipate using the following surveys, perhaps with some modification:

1. Psychology Research Inventory of Concepts (Veilleux & Chapman, 2017);
2. Undergraduate Research Student Self-Assessment (Weston & Laursen, 2015);
3. Lopatto's CURE survey (Lopatto, 2018);

4. A short quiz on Questionable Research Practices, developed by the PI for this study
5. Demographic questions

Please volunteer for this study by signing up here prior to November 8, 2022.

You can withdraw your application at any time by emailing crep.psych@gmail.com. Once you are randomly assigned to a condition, we will contact you to get a letter of collaboration for this project, that will be filed with our Avila University Institutional Review Board application. *Instructors who participate in the study will be eligible for authorship on related manuscripts if they also contribute to at least one other category of contribution, such as writing, data analysis, or data visualization*.

Questions? Please email crep.psych@gmail.com or Jordan.wagge@avila.edu.

Thank you,
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