

Site Tester Application
Transforming Undergraduate Mathematics via Primary Historical Sources (TRIUMPHS)
<http://webpages.ursinus.edu/nscoville/TRIUMPHS.html>

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Brief description of our project and goals

TRIUMPHS is a National Science Foundation-funded project designed to develop, implement, and disseminate historically-grounded projects in various branches of mathematics. These “Primary Source Projects” (PSPs) develop a mathematical concept by tracing the way in which the concept developed historically through primary sources. Our goals include improving mathematics education, inculcating a deeper understanding of underlying mathematical concepts, and equipping students to communicate mathematics effectively in the workforce and to the general public.

Application Procedure for Site Testers

To apply, please send the following information to dominic.klyve@gmail.com and janet.barnett@csupueblo.edu.

1. Your name and contact information.
2. Name(s) of PSP(s) you plan to test.
3. Title and number of course in which PSP(s) will be tested.
4. Starting date, ending date and dates of the final exam period for semester/quarter in which it will be taught.
5. Anticipated starting and ending dates of PSP(s) to be implemented.
6. Approximate number of students in the class.

All instructors whose applications are accepted and who complete the requirements I - III below will receive a \$200 stipend. Some applicants will be selected for student data collection; these instructors will receive a \$500 stipend upon completion of requirements I - VI below.

Expectations of Site Testers Receiving a Stipend

Site-testers receiving a stipend or travel support from the grant are expected to use one or more PSPs in a course, and to participate in TRIUMPHS’ Data Collection efforts (detailed in the TRIUMPHS Site-Tester [Data Collection Manual](#))). All site-testers are required to:

- I. Complete a PSP Implementation Report for each PSP used in your course (to be returned to the TRIUMPHS Team within two weeks of implementation in your course);
- II. Complete an online Instructor Pre-survey and Instructor End-of-course Survey; and
- III. Remain in contact with assigned project team member and/or project author during implementation.

Instructors chosen for student data collection will additionally:

- IV. Coordinate with TRIUMPHS Team to arrange for IRB approval to collect student and instructor data at your institution; **IRB approval must be obtained at least two weeks prior to the start of the semester**;
- V. Assist the TRIUMPHS Team to arrange for completion of online Pre- and Post-course surveys and Post-PSP survey(s) by participating students; and
- VI. Collect and return student work samples from each PSP completed in your course.

Application Deadlines: On or before October 15 for testing in the subsequent spring semester; June 15 for testing in the subsequent fall semester.

Additional funds may be available as stipends for external authors of new projects;

contact Dominic Klyve (dominic.klyve@gmail.com) for additional information.