

Site Testing for TRIUMPHS
Transforming Undergraduate Mathematics via Primary Historical Sources
<http://webpages.ursinus.edu/nscoville/TRIUMPHS.html>

Janet Barnett (Colorado State University - Pueblo)

Kathy Clark (Florida State University)

Dominic Klyve (Central Washington University)

Jerry Lodder (New Mexico State University)

Danny Otero (Xavier University)

Nick Scoville (Ursinus College)

Diana White (University of Colorado Denver)

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, simply complete the [TRIUMPHS Site Tester Application Form](#) (also accessible via the TRIUMPHS website):

This form requests the following information about you and your course plans:

- Your name and contact information.
- Information about the course in which PSP(s) will be tested, including
 - Course meeting schedule, start and end dates, and date of last day of the final exam period;
 - Approximate number of students anticipated to enroll, and relation of course to pre-service teacher populations.
- Name(s) of PSP(s) you plan to test, and estimated starting and ending dates for implementation of each.

All instructors whose applications are accepted and who complete the requirements I - III below will receive a \$200 stipend. Some courses will also be selected for student data collection purposes each semester; instructors of these courses 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, and ensure that the project team has up-to-date information about your PSP implementation dates.

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 and promote timely 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 subsequent spring semester;
June 15 for testing in subsequent fall semester.***

***Additional funds may be available as stipends for external authors of new projects;
contact Dominic Klyve (dominic.klyve@cwu.edu) for additional information.***