

Transforming Undergraduate Mathematics via Primary Historical Sources (TRIUMPHS)

Site Tester Application

<http://webpages.ursinus.edu/nscoville/TRIUMPHS.html>

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Brief description of our project and goals

TRIUMPHS is a National Science Foundation (NSF)-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 the student to effectively communicate mathematics in the workforce and to the general public.

Application Procedure for Site Testers

To apply to be a site tester (and be eligible for a stipend of up to \$500, travel funds to visit a PI project site, or travel funds to have a PI visit you), please e-mail the following information to dominic.klyve@gmail.com:

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. Approximate number of students in the class.

Expectations of Site Testers Receiving a Stipend

Site-testers receiving a stipend or travel support from the grant are expected to:

1. Use one or more PSPs in a course.
2. Participate in TRIUMPHS’ Data Collection efforts (as will be detailed in the TRIUMPHS Site-Tester Data Collection Manual) by:
 - a. Coordinating with TRIUMPHS Team to arrange for IRB approval to collect student and instructor data at your institution;
 - b. Assisting the TRIUMPHS Team to arrange for completion of online Pre- and Post-course surveys and Post-PSP survey(s) by participating students;
 - c. Collecting and returning student work samples from each PSP completed in your course;
 - d. Completing 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);
 - e. Completing an online Instructor Pre-survey and Instructor End-of-course Survey.
3. Remain in contact with assigned project team member and/or project author during implementation.

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