

IITG Mid Year Project Report : Entry # 193

Name of Principle Investigator:

Aaron Heap

IITG Project Title (truncated)

2014-Geneseo-Heap-A Digital "ProofSpace," Facilitating a Flipped Classroom for Mathematical Proofs

1) Please consider the original timeline and deliverable targets. How is your project progressing compared with the original estimates?

We are mostly progressing according to plan. Most of the resources have been created, and we have begun the dissemination process. We have already presented our resources at a national mathematics conference, and we plan to reach out to other SUNY faculty this semester. Our resources are being used in several courses by various faculty members at SUNY Geneseo and at other schools. We still want to increase the "setlist" functionality. We have changed our original assessment plan, as we are not using computational assessments. Instead we are using affective assessments. We still need to have a faculty-wide discussion regarding guided inquiry approaches, and we want to investigate whether or not there is a noticeable difference in upper level courses.

2) How is spending progressing when compared with the original budget estimates? (You may also choose to detail issues regarding access to funds in the next three questions).

Spending is on target, and we will meet our budget. However, we may be moving some money from technology to travel.

3) Please provide feedback regarding your experience with the project execution, in particular any issues or roadblocks you've encountered that may have been unexpected.

Many things have gone as expected. Our website technology is a little underwhelming, as we haven't been able to do all the things we want (e.g. setlists.) Although the videos are relatively short, they take a much longer time to make than expected.

4) What are your positive observations or pleasant surprises about your team's interaction or project process that might would be helpful to other PI's?

We have had a lot of cooperation within our team and with our colleagues' assistance on the project. There has been an unexpectedly good working relationship with the Learning Sciences department at Indiana University. We highly recommend that PI's of other projects take advantage of the resources and expertise that such specialists can provide.

5) Please describe any challenges you've encountered working with your project team that you've found solutions for that might be helpful to other PI's.

Nothing of significant consequence.