

## IITG Mid Year Project Report

### Name of Principle Investigator:

Sarah Lynch

### IITG Project Title (truncated)

2018-Binghamton (BU)-Lynch-ePATIENT... Interprofessional Networked Treatment

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

The project is on schedule and we expect to deliver a functional educational electronic medical record as promised. The timeline we created during the grant application process was realistic, which has allowed the project to stay on course. The first phase of project involved storyboarded and design of the technical interface. We were fortunate that the co-PIs had a strong vision for the project, and the IT team had experience working with technical novices, so this process went fairly smoothly and according to the timeline. The next phase was the main development of the ePATIENT interface. We are currently in the early piloting phase; there is a basic system built, and the faculty on the project are reviewing it to ensure that it is functional and intuitive. After the main issues are identified and resolved, the system will be piloted with a team of interprofessional faculty, then with a team of interprofessional learners.

#### **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).**

The original grant submission was for a Tier 3 award; we were awarded at a Tier 2 level in order to provide a proof of concept. The project investigators and grant team were able to adjust the funding to support the proof of concept work. The major changes in the budget occurred in removing hardware and software purchase plans. This has made the project more bare bones, however this is appropriate for the proof of concept that we are trying to achieve. This budget has worked for the project so far, and we are not expecting any issues with staying with the budget for the remainder of the grant period.

#### **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.**

Scaling back the original plan from a Tier 3 to Tier 2 project was the most significant hurdle as we struggled to identify what functionality had to be removed from the ePATIENT system and still have a functional project. We achieved this by planning for a system that had everything we wanted, and then scaled back for this specific project. We have a plan for future functionality that will come with later project stages, but is not necessary to provide proof of concept. Our strategy in making decisions about what is required versus what is needed (and therefore can be added later) is to compare the functionality to its role in patient care, and then determine whether the function can be simulated - if it can be simulated we have determined that for this stage we will do that. Later stages of the project will add a higher level of fidelity and realism.

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

Communication has been key to the success of this project so far. As soon as the grant was awarded we reviewed the timeline and added further detail to the plan. We meet regularly; at the beginning of the project this was more frequent, but we still maintain a regular meeting schedule. This has helped us stay ahead of deadlines and keeps everyone on task in order to have their action items completed at the next meeting. We have also been successful at utilizing regular informal emails to stay in touch, since we are located on different campuses and at different Universities.

#### **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.**

We've been fortunate to have a solid team focused on the end-goal of improving communication within the patient care team. Creating and assigning clear action items and deadlines has helped keep the project on track

and toward a successful end result.