

**IITG Project Outcomes Form - Report Outcomes : Entry # 740****Name of person reporting outcomes**

Sarah Lynch

**Email**[selynch@binghamton.edu](mailto:selynch@binghamton.edu)**IITG Project Title**

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

**Have you applied for, or received additional funds? (choose all that apply):**

- Have applied for additional IITG funds to extend this project

**Access Keywords: Enrollment, Diversity, Capacity, Affordability**

Students at SUNY Institutions often must pay out of pocket for software that is similar to the ePATIENT program. This is typically treated as a textbook cost or instilled in student fees, but it can often be a significant cost to students. Cost is also a major barrier to inter professional education - programs may use different educational software, if any at all, and students are not able to work on cases collaboratively. We plan to roll this out for access at any SUNY institution, which will promote collaboration between and among SUNY institutions while still saving money.

It is intended that when this software is ready for SUNY students they will be able to use it at no cost.

**Completion Keywords: Completion, Persistence, Transfer, Retention**

The major goal of this project was to develop an educational EMR software that healthcare education students can use to learn about and practice on EMRs prior to entering their clinical practice sites. Almost all healthcare facilities rely on EMRs to manage patient data and support communication between providers on the site. It is important that students are able to effectively navigate through these platforms. Many students do not have the opportunity to encounter a platform like an EMR until they are on their experiential/clinical rotations as a student. Educational EMRs can help students become more comfortable and adept at using an EMR so they can focus more on the clinical aspects of their rotation, and less on technology navigation.

Details about student achievement and the software's effect on student preparation will be gathered during the next phase of the project.

**Success Keywords: Applied Learning, Student Supports, Financial Literacy, Career Success**

This software will help with experiential preparation and job preparation. EMRs are a real element in the workforce, but the available models are poor for practice. EMR use supports improved communication and transitions of care so it is important students are comfortable and familiar with its use.

Details about student achievement and the software's effect on student preparation will be gathered during the next phase of the project.

**Inquiry Keywords: Scholarship, Discovery, Innovation, Mentoring**

This year was considered a pilot year for the project, so there was minimal data collected and it was not ready to present at any conferences outside of CIT. While we are piloting during Phase 2 we are planning to collect data that will inform us about the effectiveness of the program. We know that this topic will be of interest to many other universities that have health sciences programs, and we intend to submit abstracts to pharmacy education and healthcare simulation conferences to present the software.

**Engagement Keywords: START-UP New York, Commercialization, Workforce Development, Alumni/Philanthropic Support, Community Service.**

This software provides a platform to develop and build patient cases. In the future we intend to work with pharmacist preceptors (future alumni, affiliated pharmacists, etc.) to help develop these cases.

In addition, this software is very unique and is of interest to many potential donors and volunteers to the School of Pharmacy.

We were fairly close to the original IITG budget plan with this project. One benefit of this project is difficult to monetize: we were able to use some of the technology infrastructure that was developed in the development of another simulated platform for use by our pharmacy students. This project was not an element of the original grant, but the grant paved the way for the success of this additional project (estimated value ~\$500).

Because this first round yielded such a successful pilot program, we applied for and received funding for a second grant period. This round will rely on additional in-kind (outside of budgeted in kind) help that will be tracked for next year's final report.

**1st Choice:**

Instructional Technologies

**Instructional Technologies**

- Open Source Programs and Apps

**2nd Choice:**

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Learning Environments (Physical)

## Learning Environments (Physical)

- Learning Space (Facility)

## 3rd Choice:

Connected Learning Models

## Connected Learning Models

- Active Learning
- Collaborative Learning Technologies
- Team-Based Learning

## What recommendations would you make to scale-up or share your project more broadly (within an educational sector, or perhaps SUNY-wide)?

The second phase of this project will be dedicated to scaling up the project so it can be shared more easily across SUNY institutions, and even others within the InCommon Identity Federation. This will allow all member schools to access the application with no additional configuration. In addition to this we need to add capability to the ePATIENT application to support multiple concurrent identity providers (schools) by way of the SAML2 protocol, consolidate the ePATIENT code into a singular unified code base with a dedicated, centralized database, and remove all Binghamton-specific code and dependencies from the application to better facilitate integration with other schools.

## If you would like to create a community of practice within the SUNY Learning Commons, please describe "members of your community" who would be most interested in your outcomes. Please be specific (e.g., math faculty, instructional designers, student services, registrars, administrators, accreditation or assessment specialists).

Healthcare educators (schools of medicine, dentistry, pharmacy, nursing, nurse assistant, physical therapy, occupational therapy, etc.) and instructional designers.

## Do you intend to create an ongoing "Community of Practice" within the SUNY Learning Commons to continue work and dialog regarding this project?

Yes

## Overall, how successful was IITG in meeting your project goals? (You may elaborate on your response in the final question if not addressed elsewhere.)

Extremely successful

## Do you wish your current abstract to be used?

Yes

## If you wish to re-word the abstract to reflect updates or outcomes, you may do so in this text box (please keep it brief – less than 150 words - you can expand on this in your files and links)

N/A

## File One Upload and Brief Description

Binghamton University School of Pharmacy and Pharmaceutical Sciences online newsletter, June 2019.

## File One

- [Software-Article-6.2019.pdf](#)

## Any additional comments or resources you wish to share?

N/A

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