

Name of person reporting outcomes

Helena Baert

Email

helena.baert@cortland.edu

IITG Project Title

2012-Binghamton-Blake-Presentations Unplugged

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

Have applied for additional IITG funds to extend this project

By creating an OER that will be offered completely online we will strengthen the access to the course.

The project allows for completion of non-credit opportunity to strengthen teacher-candidates ability to analysis movement, a core skill in physical education. The OER, when completed will also provide current teachers with professional development opportunities to strengthen their own analysis skills that can benefit teaching and learning in physical education.

The OER created aims to increase the confidence and competence level of movement analysis abilities in teacher candidates. The research data conducted on the pilot indicated that the modules enhance their movement analysis skills significantly. In 2017-2018, we will extend it to current teachers when we open up the content and hope it will strengthen current teacher's teaching and learning in physical education.

Since we began with the creation of the movement analysis modules, we employ about 5 undergraduate researchers per semester. It is our second year on the project and undergraduate students are enjoying the research. We will continue to employ undergraduate researchers. Each year undergraduate researchers will present the research at the undergraduate research conference on campus and at the SUNY wide conference. Since the beginning of the project, we have presented at 4 conferences and have proposals in for an additional three during the 2016-2017 school year. The conference presentations are held locally, regionally, nationally and internationally. We are also currently writing up a book chapter.

Within the OER we analyze the skills of pre-school students from the community. Each semester, as part of a required course in physical education teacher education, we teach pre-school physical education to 20 preschoolers per class. We currently have 2 different PE classes that we teach twice per week. Before, these pre-school children would not receive any physical education opportunities. Next semester we may teach 3 different classes as our enrollment is increasing. This program is a great community effort to enhance the overall physical activity levels of our youth. The entire course is created as a service-learning opportunity where our teacher candidates learn to analyze movement

and teach young children how to move more efficiently.

1st Choice:

Instructional Design

Instructional Design

- Feedback
- Online Education
- Personalized Learning
- Supplemental Instruction

2nd Choice:

Instructional Technologies

Instructional Technologies

- Open Educational Resources (OER)

3rd Choice:

Assessment, Understanding, Monitoring Student Progress

Assessment, Understanding, Monitoring Student Progress

- Competency Based Education (CBE)

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

As of right now we are aiming to complete all 14 modules by the spring. Once we have all the content we will add it to canvas or coursera to OPEN up the course content SUNY wide. We are looking into creating a certificate program and credit bearing professional opportunity. The course will be shared with all SUNY wide Physical education teacher education programs and also with all current PE teachers in the field.

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).

Physical Education Teacher Education Faculty
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?

Unsure at this time

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)

My abstract was not included in the above link but here is the link:

<http://commons.suny.edu/iitg/?s=helena+baert>

File One Upload and Brief Description

Link to info and results: <https://sites.google.com/site/helenabaert/home/movement-analysis-research>

Project Website Address (Hyperlink 1)

<https://sites.google.com/site/helenabaert/home/movement-analysis-research>

Hyperlinks to journal articles or campus/local/national press releases describing your project

<http://www2.cortland.edu/news/detail.dot?id=9d794fa2-0d0d-4e7a-a601-cce629c2d582>

Consistent with the RFP, you must indicate which Creative Commons license you intend to use.

Attribution License