

**IITG Project Outcomes Form - Report Outcomes :  
Entry # 876****Name of person reporting outcomes**

Nikolaev

**Email**[anikolae@buffalo.edu](mailto:anikolae@buffalo.edu)**IITG Project Title**

2016-UB-Nikolaev-Crowdlearning: ... Collaborative, Self-Sustaining Learning ... Practices

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

- Have applied for additional IITG funds to extend this project
- Have applied for support from a large funding sources (e.g., NSF, NIH)
- Have received funding from a large funding sources (e.g., NSF, NIH)
- Other (please specify in text box below)

Through the NSF iCorps Phases I and II, Crowdlearning has benefitted from ~ \$50,000 worth of intellectual and time investment.

**1st Choice:**

Connected Learning Models

**Connected Learning Models**

- Collaborative Learning Technologies

**2nd Choice:**

Instructional Technologies

**Instructional Technologies**

- Cloud-Based Teaching & Learning Environments

**3rd Choice:**

Assessment, Understanding, Monitoring Student Progress

**Assessment, Understanding, Monitoring Student Progress**

- Adaptive Learning Technologies

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

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The success in attractive NSF funding is the main route to success.

Engineering faculty in the first 3 years of their tenure-track career.

Yes

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

Yes

**File One Upload and Brief Description**

This is a paper published in the 2017 Conference on Learning at Scale.

**File One**

- [Crowdlearning-Towards-Collaborative-Problem-Posing-at-Scale.pdf](#)

**File Two Upload and Brief Description**

A list of Conference Talks and Posters supported by the project:

1. \*Burris, C., \*Farasat, A., Nikolaev, A., "Time-Dependent Student Performance Modeling and Optimal Teaching Policies", 2018 YinzOR Student Conference, August 24-25, Pittsburgh, PA (2018).
2. Nikolaev, A., \*Farasat, A. (April, 2018) Student Modeling for Learning Curve Optimization. 4th Annual CDSE Days, Buffalo, NY.
3. \*Gopalsamy, R., \*Farasat A., &Nikolaev A., Gonzalez, C., Miller, S., "Crowdlearning: Design, Development and Supporting Evidence", 2017 SUNY CIT Conference, May 31 – June 2, Oneonta, NY (2017).

**Project Website Address (Hyperlink 1)**

<https://www.nikolaev-sollab.com/crowdlearning>

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

The IITG project revealed both opportunities and challenges of successful implementation and dissemination of the products per the PI's vision. More research is needed, and it is underway.

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

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