



VOLUNTEER REQUEST FORM

Baltimore Teacher Supply Swap

Pro Bono Analytics overview:

The mission of the INFORMS Pro Bono Analytics program is to offer a platform for the operations research and analytics community to volunteer their skills for the benefit of underserved populations and developing communities in the U.S. and abroad. The program brings analytics techniques to non-profit organizations that may lack these skills internally and/or lack the resources to acquire these skills. The program also provides a new source of interesting real-world project experience to INFORMS members and other analytics/OR professionals, including experienced academics and practitioners as well as students and young professionals.

Project overview: Baltimore Teacher Supply Swap - Providing Classroom Supplies

How to volunteer:

If you would like to be considered for this pro bono opportunity, please email your resume and a description of your skills to probono@informatics.org to express your tentative interest.

Note: To help us manage the program, we request that you please not contact the non-profit organization directly.

Questions:

Contact us at probono@informatics.org or visit us at www.probonoanalytics.org

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Name of Organization: Baltimore Teacher Supply Swap | <http://www.teachersupplyswap.org/>

Project Location: 1224 Wicomico Street, Baltimore, MD 21230

Primary Objectives of the Organization: The mission of the Baltimore Teacher Supply Swap is to provide educational materials for students and teachers. We aim to reduce the burden of teachers spending their own money on supplies, and ensure that teachers and students have the supplies they need to be successful.

Main Activities of the Organization: We collect donations from teachers, schools, businesses, and individuals who have excess office supplies, arts and crafts materials, and classroom supplies. Then we make them available through two programs:

1. The Swap free store: Anyone who needs supplies can browse our inventory and take what they need.
2. The Supply Mobile: This "free store on wheels" delivers supplies directly to Baltimore City schools.

Approximate number of staff and volunteers: 22

INFORMS Pro Bono Analytics Project Number: 201803-1

Project title: Baltimore Teacher Supply Swap - Providing Classroom Supplies

Project summary in 20 words or less: Develop metrics that demonstrate the value of BTSS to potential funders on grant applications.

Desired start/end date: April 15, 2018 - July 31, 2018

Estimated time commitment by volunteers: 25 Hours

Is travel by the volunteer involved, and if so, where: No

Desired special skills/qualifications for volunteers: : Experience working with foundations desired, but not required.

Project description: The project involves looking at the data BTSS has collected and collects on an ongoing basis; determining whether that data would be appropriate for grant requests; and determining whether additional data should be collected, potentially by communicating with funders BTSS is interested in pursuing.

The tasks will involve:

1. Work with BTSS to identify the metrics that best convey the value of their services for inclusion in grant applications
2. Evaluate the type and quality of data currently collected by BTSS
3. Identify gaps between the data currently collected and the metrics BTSS would like to report
4. Develop an action plan for collecting the missing data including refinement to the metrics if the some data is unavailable
5. Develop a plan to analyse the data as needed for Grant support
6. Work with BTSS staff so this process is sustainable after the volunteer effort is completed