



VOLUNTEER REQUEST FORM

Big Brothers Big Sisters of Central Arizona

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: BBBS of Central Arizona - Big Futures Measuring Outcomes

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@informs.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@informs.org or visit us at www.probonoanalytics.org

THANK YOU FOR SUPPORTING PRO BONO ANALYTICS

Name of Organization: Big Brothers Big Sisters of Central Arizona | <http://www.bbbsaz.org/>

Project Location: 4745 N 7th Street, #210 Phoenix, AZ 85014

Primary Objectives of the Organization: Mentoring organization that provides mentors for youth ages 6-18 with youth facing adversity.

Main Activities of the Organization:

- Recruitment and enrollment of adult volunteers
- Enrollment of youth in need of a mentor
- Matching youth with adult and providing ongoing match support and guidance
- Provide activities and training for participants
- Provide community resources for families

Approximate number of staff and volunteers: 38 staff, 1100 volunteers

INFORMS Pro Bono Analytics Project Number: 201806-2

Project title: BBBS of Central Arizona - Big Futures Measuring Outcomes

Project summary in 20 words or less: Assistance with a tool to store survey data and analysis with a high school mentoring program.

Desired start/end date: ASAP - End late July 2018

Estimated time commitment by volunteers: TBD by volunteer and BBBS of Central Arizona

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

Desired special skills/qualifications for volunteers: Open.

Project description:

Big Brothers Big Sisters (BBBS) of Central Arizona (<https://www.bbbsaz.org/>) matches volunteer adults (Bigs) with youth (Littles) that need mentors. They recently implemented a **Big Futures Program** to help high school students improve their education, career options, and life enrichment. The Big Futures mentoring program is designed to facilitate guidance between Bigs and Littles to help prepare for adulthood, the workforce, financial security, and independence. Through their Bigs and the BBBSAZ staff, Littles will be encouraged to stay focused on their academic and professional success. Big Futures programming provides enhanced training and support to matches that are focused on the student's graduation from high school and progression into college, military and/or career. Participating matches receive resources and networking opportunities that provide guidance on college admission, financial aid and scholarships, as well as information about careers and workforce development opportunities, military service, and professional and technical training programs. Littles are also introduced to basic financial literacy and economic principles including the fundamentals of budgeting, debt, and banking. Bigs may help Littles open their very first checking or savings account. Littles will also participate in group or cohort events quarterly, including college tours, career nights, resume writing, interviewing skills training, and leadership academies. Parents of the students and mentors will be provided with resources and education on how to best support the youth in college and career readiness. Most importantly, Bigs provide much needed mentorship, as Littles navigate opportunities that could positively shape their lives. For some, this could mean preparing for, and passing, their high school equivalency exam and enrolling in community college or a four-year college.

BBBS of Central Arizona would like to use participant surveys to assess their Big Futures Program. The main purpose of the surveys is to enable reporting of impact to stakeholders. The organization has example surveys from the national BBBS and other regional BBBS nonprofits. They are seeking a Pro Bono Analytics volunteer for the following.

- (1) Assistance in development of the survey instrument, including consideration of a pre-test and post-test survey structure.
- (2) Advice on database tools for storing and handling survey data.
- (3) Development of a data analysis procedure to enable reporting impact and training staff to independently conduct data analysis.