

1096-97-2732

Daniel Zaharopol* (danz@artofproblemsolving.org), PO Box 390389, Cambridge, MA 02139.

A viable pathway for underserved students to enter advanced mathematical study.

There are overwhelming obstacles for underserved students to enter advanced mathematical study. These challenges include background knowledge, cost, community support, and access to and knowledge of opportunities. We will explore these obstacles and how to overcome them through the lens of the Summer Program in Mathematical Problem Solving, a three-week residential program for underserved New York City middle school students with talent in math that has been successful at helping students enter selective high schools as well as summer programs and math circles.

Existing program directors will come away with new strategies successfully bringing underserved students into their programs. Teachers and individuals with an interest in this area will discover opportunities to get involved and will gain some effective tools for their work. (Received September 18, 2013)