This summer, change the lives of underserved students with mathematical talent.

The Summer Program in Mathematical Problem Solving is a free three-week residential summer program for underserved New York City middle school students with talent in mathematics. Run by the Art of Problem Solving Foundation and held at Bard College, we help students grow academically, socially, and emotionally so that they are ready to enter mainstream programs for talented students.

Undergraduate Counselor/TA Positions

Counselors are the front-line role models for our students, act as teaching assistants in classes, and create an incredible social environment. You will:

- Live in the dorms, helping students as they have their first experience on a college campus.
- TA courses on topics from group theory to digital communications (and maybe learn something on the way!).
- Help students discover what it is to be around other people who love math.
- Run activities (basketball, Ultimate Frisbee, board games, karaoke, baking, and much more) and field trips (hiking, a water park, and Six Flags).
- Eat meals with students.
- Be a mentor and role model.

What can you TA?

Students choose their classes each week. They do seven hours of math per day (and they love it!), choosing a core course each week and a problem solving course (either contest problem solving or general problem solving). Here’s what our faculty designed for 2013 core courses:

Week 1:
- Logic
- Proofs
- Fractals
- Digital Communications

Week 2:
- Number Theory
- Circuit Design
- Sets
- Graph Theory

Week 3:
- Combinatorics
- Programming
- Group Theory
- Probability and Statistics

Find job descriptions and applications at:
http://www.artofproblemsolving.org/spmps

Or e-mail for more information at spmps@artofproblemsolving.org.