

1067-Z1-2081 **Jessica M Mikhaylov*** (jessica.mikhaylov@usma.edu), D/MATH, US Military Academy, 646 Swift Road, West Point, NY 10996, and **Nancy S Libertini**. *Designing a parenting seminar to address the national shortage of mathematicians.*

In response to the small numbers of American mathematicians, multiple programs have been rolled out to attract the next generation. There are programs that target students at all levels and give teachers additional training, all with the hopes of encouraging young minds to pursue the field of mathematics. However, many students' views of mathematics can be shaped or at least tainted by their experiences outside the classroom, particularly at home. It is our belief that parents can play an important role in their children's educational interests and pursuits. In order to harness the power of parents, we have developed a seminar designed to give non-mathematician parents a new appreciation for the field by allowing them to explore concepts ranging from non-Euclidean geometry to game theory using hands-on materials. The presentation will cover the purpose of the seminars, the outline and format of our seminar, and feedback from seminar participants. (Received September 22, 2010)