

1077-97-1094 **C. Kenneth Fan*** (girlsangle@gmail.com), Girls' Angle, PO Box 410038, Cambridge, MA
02141-0038. *Applied Mathematics at Girls' Angle: A Math Club for Girls.*

Girls' Angle uses applied mathematics in a variety of ways to help it engage and motivate girls to study mathematics. Through our Support Network, professional women who use math in their work visit our club and interact with our members. Through Community Outreach, the general public is invited to have our members solve math problems whose solutions will be put to actual use. We also use modern technology in a variety of ways to increase our reach. In this talk, I will detail Girls' Angle's ongoing relationship with applied math and applied mathematicians and explain how you can help us fulfill our mission. Time permitting, I will also explain how Girls' Angle tries to feed off of and channel motivation generated by contests. (Received September 16, 2011)