

Meeting: 1003, Atlanta, Georgia, MAA CP U1, MAA Session on Mathematical Experiences for Students Outside the Classroom

1003-U1-335 **Patricia L Hale*** (phale@csupomona.edu), Cal Poly Pomona, Math Dept., 3801 W. Temple Ave., Pomona, CA 91768. *Everybody Loves a Good Problem!*

Problem-solving is the activity our students — math students, engineering students, computer science students - seem to enjoy the most. The Math Club at Cal Poly Pomona had a new focus last year: Problem-solving. This new focus resulted in substantial growth in the number of students involved in Math Club activities, including attendance at MAA and other mathematical meetings and conferences. More importantly, more of our students participated in meetings through their own presentations at contributed paper sessions and/or poster sessions. Interest in problem-solving encouraged students who were not math majors to not only join the Math Club, but also to consider a math minor or a double major. Problem-solving activities will be described. Students will describe how these activities led to their presentations at conferences and/or their increased participation in the study of mathematics. (Received September 10, 2004)