

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

1003-U1-1608 **Kimberly M. Vincent*** (vincent@math.wsu.edu), WSU, Dept. of Mathematics, PO Box 643113, Pullman, WA 99164-3113. *Inland Northwest Math Experience Its IN ME ... is it in YOU?*

IN ME is an annual event. Middle and high school students visited a college campus to do mathematics. The purpose of IN ME is two fold: to benefit the visiting students and provide valuable teaching experience for future 4-12 mathematics teachers. For the visiting students the main purposes of IN ME were to promote interest in mathematics and peak curiosity and intrigue about mathematics. IN ME featured activities in which the students actively did mathematics in a cooperative hands-on setting. Two of the activities involved the use of technology and the other incorporated problem solving that tied mathematics to the real world and/or firmed up the visiting students' conceptual understanding of concepts underlying the mathematics they used. All the activities were written or adapted from existing materials by the preservice teachers enrolled in a math methods class. The future teachers also facilitated the activities. The first annual IN ME was held fall of 2003 and the second fall 2004. In the presentation I will discuss the rationale for such an event, funding and the preparation necessary for the math methods students. I will also discuss the reactions of the guest teachers, the visiting students, the method's students and myself as the instructor and researcher. (Received October 05, 2004)