

1046-S1-1524 **Benjamin J Galluzzo*** (bgalluzz@math.uiowa.edu), Department of Mathematics, MacLean Hall, University of Iowa, Iowa City, IA 52242. *Midwest Math-In: 24 Hours of Math.*

COMAP's Mathematical Contest in Modeling successfully encourages teamwork, creativity and written exposition — all in the name of mathematics. However, one (logistically necessary) element that many students remark is lacking from this competition is adequate and timely feedback — both from the micro perspective "What do the judges really think of my team's paper?" to the macro "How did other teams answer this question?" This past year, I led a project involving faculty from colleges and universities in and around Iowa to develop a response to our students' concerns. The result is the Midwest Mathematical Modeling Competition, an on-site, 24-hour contest that calls for student teams to communicate their mathematical solution to a real world problem in both oral and written formats. In this talk we will discuss the contest, its development, and share the results of a survey of student participants. (Received September 16, 2008)