

**Meeting:** 1003, Atlanta, Georgia, MAA CP X1

1003-X1-1549      **Barbara M. Moskal\*** (bmoskal@mines.edu), Mathematical and Computer Sciences, Colorado School of Mines, Golden, CO 80401, **Graeme Fairweather** (gfairwea@mines.edu), Mathematical and Computer Sciences, Colorado School of Mines, Golden, CO 80401, and **Scott Strong** (sstrong@mines.edu), Mathematical and Computer Sciences, Colorado School of Mines, Golden, CO 80401. *Undergraduate Research in the Mathematical Sciences*.

The Colorado School of Mines (CSM) Mathematical and Computer Sciences (MCS) department received funds from the MAA -NSF Regional Undergraduates Mathematics Program and CSM Graduate School to organize and implement an annual conference in mathematics for undergraduate students attending universities in the Front Range. The first one day conference will be held at CSM in October, 2004. Members of the MCS faculty have volunteered their time as reviewers and as panel presenters. Future conferences will be rotated among the various universities in the Front Range of Colorado. The purpose of this conference is to provide undergraduate mathematical sciences students with the opportunity to present, in a professional setting, research that they have completed through either an REU or an independent study. This conference will also provide students with the opportunity to network with other undergraduates who share common interests and to learn about graduate school opportunities in the Front Range. The proposed paper will describe the design and implementation of the first undergraduate mathematics conference. Examples will be provided of the research that was presented by the undergraduate attendees, and the results of the conference evaluation efforts will be reported. (Received October 05, 2004)