

1046-C1-1816      **Michael T Catalano\*** (micatala@dwu.edu), 1200 University Ave. W., Mitchell, SD 57301.  
*College Algebra in Context: A Learner-centered Approach Incorporating Data-driven Activities  
Related to Social Issues.*

A report on a National Science Foundation CCLI-EMD project (DUE #0442979) supporting the development and implementation of a learner-centered, inquiry-intensive, data-driven, activity-oriented college algebra course, incorporating realistic problem situations emphasizing social and economic issues, including hunger and poverty, energy, and the environment. The project is nearing completion and seeks to address two national needs, namely a need for U.S. citizens with a greater level of quantitative literacy, and a need for improved mathematics education for K-12 teachers. The project supports the mission of the McGovern Center for Leadership and Public Service. Materials will be available for those interested in offering pilot sections in the fall of 2009. (Received September 16, 2008)