



1046-A0-221

**M. Vali Siadat\***, Richard J. Daley College, Chicago, IL. *My teaching philosophy and the development of keystone method: A synergistic model for teaching and learning.*

In this talk I will present my teaching philosophy as well as the development of the Keystone model of teaching and learning in mathematics. The Keystone method is a synergistic program which constantly monitors students. progress, varies teaching practices, and uses a set of teaching/learning strategies to address student difficulties. The past results have shown not only dramatic improvement in student outcomes in mathematics, but also in reading comprehension. These results were achieved at no cost to classroom retention. The persistence rates of Keystone students were also higher for the subsequent semesters. (Received August 20, 2008)