

Meeting: 1003, Atlanta, Georgia, MAA CP A1, MAA Session on Getting Students To Discuss and To Write About Mathematics, I

1003-A1-902 **Youyu Phillips, Ph.D.*** (youyu.phillips@keystone.edu), Division of Natural Sciences and Mathematics, Keystone College, One College Green, La Plume, PA 18440. *Getting Students to Discuss Mathematics.*

I have been teaching mathematics since 1995. Having seen some students' response to the traditional lecture format, I pondered how to motivate students to learn mathematics.

In Spring, 2004, I taught "Mathematics Throughout History" — a course primarily designed by myself and a first time offering at Keystone College. The goals of this course are to promote quantitative reasoning and the use of mathematics in solving problems and making decisions.

The class was presentation / discussion format and the students learned the materials through preparation for presentations. The assignments and projects required students to communicate mathematics through in-class oral presentations and in-class discussions. With the help of my instruction, leadership and motivation, we enjoyed presentations and discussions. (Received October 06, 2004)