# About Greater Birmingham Mathematics Partnership (GBMP)

The Greater Birmingham Mathematics Partnership (GBMP) is a consortium of eleven school systems in the Birmingham metropolitan area, the University of Alabama at Birmingham (UAB), Birmingham-Southern College, and the Mathematics Education Collaborative (MEC), a Seattle-based non-profit which provides support services to education communities to improve mathematics instruction.

Visiting mathematicians from GBMP—Dr. John Mayer and William Bond.

## Mission

While the primary mission of the GBMP is to increase the mathematics achievement levels for all students in the school districts served, we also seek to disseminate our achievements, and make available our approach to mathematics education widely at all levels K-20.

## GBMP Courses

One way in which we have sought to fulfill our mission is to develop intensive mathematics courses for teachers. To date GBMP working with MEC has developed eight mathematics courses for teachers:

*Patterns: The Foundations for Algebraic Reasoning*
*Numerical Reasoning*
*Geometric and Proportional Reasoning*
*Probability*
*Patterns II*
*Statistics and Quantitative Reasoning*
*Extending Algebraic Reasoning I*
*Extending Algebraic Reasoning II*

The above courses are mathematics content courses, usually taught in an intensive two-week period during the summer (but also as semester courses at UAB). They are taught using inquiry-based pedagogy, modeling what we hope teachers will move toward in their own classrooms.

More Information About GBMP: http://www.math.uab.edu/GBMP/