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**Julianne G. Rainbolt\*** (rainbolt@slu.edu), Department of Mathematics, 221 North Grand Blvd., Saint Louis University, St Louis, MO 63103. *Teaching Abstract Algebra Using the Software GAP.*

A model for incorporating the software GAP into an abstract algebra class will be described. In addition, specific examples of projects for an abstract algebra class which use GAP will be presented. Pedagogical resources for teaching this course with GAP will also be discussed. (Received September 22, 2006)