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Ali Hajjafar* (hajjafar@uakron.edu), The University of Akron, Department of Mathematics, Akron, OH 44325-4002, and **Laurie A. Dunlap** (dunlap1@uakron.edu), The University of Akron, Department of Mathematics, Akron, OH 44325-4002. *How to Develop Students' Skills for Solving Problems Using Multiple Strategies.*

Described in this talk will be a strategy for how secondary teachers can lead their students to become capable of self-direction and original thinking. The strategy involves solving a problem with an easily found answer using multiple methods. These methods are increasingly complex and require students to recall a variety of mathematical content. The process, of solving a single problem from multiple perspectives, solidifies the students' knowledge while building connections between ideas. It allows them to integrate and synthesize what they have learned (Received September 04, 2012)