## **CCSU** DEPARTMENT OF MATHEMATICAL SCIENCES

## COLLOQUIUM

Friday, September 13 3:00 – 4:00 PM Maria Sanford, Room 101

## MATHEMATICAL PROBLEM-SOLVING TOOLS THAT EVERYONE SHOULD KNOW

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<u>Abstract</u>: There are many problems from several branches of mathematics that have elegant solutions requiring knowledge that is not always taught at the high school or undergraduate level, but nevertheless are easily accessible to students. I will present examples of such problems, explain the tools that are needed for their solutions, and solve the problems.

This talk will be accessible to a broad audience of faculty and students.

**For further information:** <u>gotchevi@ccsu.edu</u> 860-832-2839 http://www.math.ccsu.edu/gotchev/colloquium/