## **CCSU** DEPARTMENT OF MATHEMATICAL SCIENCES

## COLLOQUIUM

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

## MATH FOUNDATIONS – GROUPING AND REGROUPING THE DEVELOPMENTAL MATH

## MARIAN ANTON CENTRAL CONNECTICUT STATE UNIVERSITY

JOINT WORK WITH KAREN SANTORO, CCSU

<u>Abstract:</u> Developing the foundations of mathematical thinking requires deep and challenging changes in the mindsets, habits, and strategies for our underprepared students. In this talk we present a few creative ways to offer math remediation that is focused on mathematical reasoning with models and the formation of mindsets for independent learning. Our analysis will be compared with current research in math education and will be put in historical perspective.

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