



## **Cornell University**

**K-12 Education and Outreach, Mathematics Department**

### **MATH 5080**

**Mathematics for Secondary School Teachers**

**406 Malott Hall**

**October 3, 2009**

**9:00 am – 2:30 pm**

**8:45-9:00**     **Welcome** (juice and bagels provided)

**9:00-9:15**     **Introductions**

**9:15-12:00**    **coLABORation in the Mathematics Classroom**  
*Jennifer Mayer (Christiana High School, Delaware)*

Are students working together or just doing the work? Drawing on her 20+ years of experience, Jennifer will demonstrate successful strategies to manage and increase student collaboration in mathematics classrooms. Bring a graphing calculator.

**12:00-12:30**   **Lunch** (provided)

**12:30-2:20**    **The Art of Counting**  
*Ed Swartz (Cornell University)*

You think you've mastered counting?! We'll start with a review of permutations and combinations and then look at different ways of counting things in order to discover some surprising mathematical results.

**2:20-2:30**     **Wrap Up**

**Contact Mary Ann Huntley by Wednesday, Sept. 30<sup>th</sup> if you plan to attend.**

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