



Colloquium

Wednesday December 6, 2006

12pm Room 08-2130

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**“TEACHERS OF TOMORROW:  
ARE THEY READY TO TEACH?”**

**Sanghmitra Agarwal**  
**SUNY Buffalo**

I will discuss some of the results from my study in which I explored the nature of pre-service secondary teachers' knowledge of mathematics for teaching of functions. Although the participants differed in the nature of their knowledge structures, the main theme that emerged out of this study is that the knowledge of these participants was incomplete. I will discuss whether these participants were able to identify and use different representations of functions or not. Were they accustomed to dealing with unfamiliar and open-ended problems, and using formal language and precise mathematical terminology?

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School of Mathematical Sciences Colloquium Series