

**You are invited to attend the Michael Woodroffe seminar.**

**Friday, October 30, 2009**

**3:00 pm**

**340 West Hall**

- ◆ *Coffee and cookies will be served at 2:45 pm in the Statistics lounge, 450 West Hall.*
- ◆ *Wine and cheese reception in the Statistics lounge following the seminar.*

**Guest Presenter:**

Zhiliang Ying

Department of Statistics, Columbia University

**Some results on modeling and inference for spatially sampled data**

Correlated observations with spatial dependence appear in many applications. Their asymptotic properties, however, are notoriously difficult to obtain. In this talk, I will present some results on spatially sampled data. I will show how these results are related to spatial Gaussian process models, to spatially correlated survival models and to certain local likelihood methods. The presentation is based on joint work with Jane Paik and Gongjun Xu.