

DEPARTMENT OF MATHEMATICS AND STATISTICS  
MISSISSIPPI STATE UNIVERSITY

# COLLOQUIUM

## Generalized Varying Coefficient Models with Unknown Link Function

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**Tuesday, April 12 at 2:00 pm**  
**Allen 14**

**Abstract.** We propose a new estimation method for generalized varying coefficient models where the link function is specified up to some smoothness conditions. Consistency and asymptotic normality of the estimated varying coefficient functions are established. Simulation results and a real data application demonstrate the usefulness of the new method.

Mr. Kuruwita is a candidate for a position in our department. There will be a reception for him in Allen 467 at 1:30 pm.