

# BIOSTATISTICS SEMINAR



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## Bayesian Statistical Modeling of Disease Progression

Active surveillance (AS) is increasingly accepted for managing low-risk prostate cancer, but there is no consensus about its optimal implementation due in part to the uncertainty about risks for disease progression. In this talk, we discuss Bayesian joint models to compare the risks for disease progression from AS studies after accounting for differences in surveillance intervals and competing treatments and evaluate tradeoffs of more versus less frequent biopsies.

**Thursday October 4, 2018**

**3:30 pm - 4:30 pm**

**Blue Cross and Blue Shield of North Carolina Foundation Auditorium**



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