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**Ying Zhou\*** (zhouyi@lafayette.edu). *A periodic spatial model for population dynamics under seasonal changes.*

Seasonal changes in the habitat affect the population dynamics of its residents. These changes can be in the location, size, and quality of the habitat. In this talk, I will present a periodic integrodifference-equation model to discuss the effects of these seasonal changes on the resident population. (Received September 24, 2018)