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**Jon Jacobsen\*** (jacobsen@g.hmc.edu), **Mark Lewis** and **Yu Jin**. *Integrodifference Models for Persistence in Temporally Varying River Environments.*

We consider integrodifference population models for growth and dispersal in the presence of advective flow and study population persistence in the context of both periodic and random kernel parameters. For the random setting we consider two persistence metrics and show they are mathematically equivalent. (Received September 22, 2014)