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J Gani and **Randall Swift*** (rjswift@csupomona.edu), Department of Mathematics & Statistics, California State Polytechnic University, Pomona, CA 91768. *Models for the spread of Chlamydia.*

We consider deterministic and stochastic models for the spread of Chlamydia in a closed population. Explicit solutions for an approximate model, as well in terms of Laplace transforms for the exact model are presented. (Received September 23, 2012)