

**Dr. Linda L. Kinkel**

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“Integrating Ecology and Evolutionary  
Biology into Plant Disease  
Epidemiology: To What Ends”?



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Linda Kinkel received her B. A. in Biology from Saint Olaf College, and her M.S. and Ph.D. in Plant Pathology and an M.S. in Biometry at the University of Wisconsin-Madison. She completed post-doctoral research with Dr. Steve Lindow at the University of California-Berkeley, and has been on the faculty at the University of Minnesota since 1990. Linda’s research focuses on the ecology of plant-associated micro-organisms, especially antibiotic-producing bacteria, in agricultural and native prairie soils. She is interested in exploring the ecological and evolutionary dynamics of microbial and plant-microbe interactions in soil, and in using natural systems as a model for developing sustainable disease management strategies in agriculture. She has served as Associate Editor of *Phytopathology* and *Plant Disease*, and as Senior Editor for *Plant Pathology*.

**Selected Publications:**

Morris, C. E., Kinkel, L. L., Xiao, K., Prior, P., and Sands., D. C. 2007. Surprising niche for the plant pathogen *Pseudomonas syringae*. **Infection, Genetics, and Evolution** 7: 84-92.

Baines ALD, Xiao K, Kinkel LL. 2007. Lack of correspondence between genetic and phenotypic groups amongst soil-borne streptomycetes. *FEMS Microbiol. Ecol.* 59:564-575.

Wiggins BE, Kinkel LL. 2005. Green manures and crop sequences influence potato diseases and pathogen inhibitory activity of indigenous streptomycetes. *Phytopathology* 95:178-185.

[http://plpa.cfans.umn.edu/Linda\\_L\\_Kinkel.html](http://plpa.cfans.umn.edu/Linda_L_Kinkel.html)