## **TABLE OF CONTENTS**

## **Infectious Disease Ecology of Wild Birds**

A bird's eye view of avian disease ecology

The nature of host-pathogen interactions

Ecoimmunology

Behavior shapes infectious disease dynamics in birds

Host-pathogen evolution and coevolution in avian systems

Fitness effects of parasite infection in birds

Wild bird populations in the face of disease

Community-level interactions and disease dynamics

Land use change and avian disease dynamics

Climate change and avian disease

Pathogens from wild birds at the wildlife-agriculture interface

Pathogen transmission at the expanding bird-human interface

A flight path forward for avian infectious disease ecology.