

**Faculty Name: Prof. Mark Hauber**

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**Faculty Research Area**

**General Area of Research**

Ornithology, conservation, behavioral ecology, comparative cognition, recognition systems

**Description of Current Research**

I am interested in how birds recognize themselves—and how they discriminate against predators and parasites. To this aim, we use bioacoustics and visual modeling to study the evolution of host-parasite recognition systems.

**Requirements and Benefits for Student**

**Essential and Desirable Background Knowledge and Skills**

**Essential:** Intro Biology, Course on Evolution, Course on Behavior, Statistics

**Desirable:** Experimental Psychology

**Expected Responsibilities**

Work with collected specimens of eggshells and conduct field experiments on egg or song recognition.

**Expected Benefits**

Training in statistics, bioacoustics, behavioral experimentation, comparative methods.