

## Reed Bowman, Associate Research Biologist

### Graduate Advising

I welcome inquiries from potential graduate students. My graduate students have an atypical experience. They spend the winter, spring, and summer here at Archbold Biological Station and the fall semester at the university. My students have matriculated at University of South Florida or University of Central Florida, both of which I am on the graduate faculty. Students usually work on some aspects of our scrub-jay research, in large part because most use some aspect of our historical long-term data in their research. Students are supported by a Graduate Research Internship while at Archbold, but must be competitive for a teaching fellowship while at school. At both schools, a GPA above 3.5 and GRE scores above 1200 are needed for a TA. I look for students that are deeply interested in birds, behavioral ecology, population dynamics, and conservation and that have an independent streak a mile wide.

### Major Advisor for Ph.D. Dissertations

**Angela Tringali.** Ph.D. Candidate. Anticipated 2012. Dominance and signaling: Variation in UV plumage patterns in juvenile Florida Scrub-Jays. University of Central Florida.

**Annette Sauter.** Ph.D. degree. 2005. Shall we feed suburban Florida Scrub-Jays (*Aphelocoma coerulescens*)? The importance of human-provided food on parental food choice, nestling growth and survival. . Institute of Zoology, University of Zurich, Switzerland.

### Major Advisor for Master's Theses

**Joe Niederhauser.** M.S. Candidate. Anticipated 2011. Maladaptive behavior, food limitation, or nest sites as potential causes of nest failure during the nestling stage in suburban and wildland Florida Scrub-Jays. University of Central Florida.

**Rob Aldredge.** M.S. degree. 2008. Hatching asynchrony occurs as a byproduct of maintaining egg viability in the Florida Scrub-Jay. University of Central Florida. Currently a Ph. D. student at University of North Carolina.

**Michelle L. Dent.** M.S. degree. 2007. Vegetation structure and post-fledging survival of Florida Scrub-Jays in suburban and natural habitats. Antioch New England Graduate School. Currently RA IV at Archbold Biological Station.

**Sonya LeClair.** M.S. degree. 2006. Comparison of hatching failure in a wildland and suburban population of the Florida Scrub-Jay (*Aphelocoma coerulescens*): Are demographic differences or human disturbance to blame? University of South Florida. Currently Community Forest Programs Coordinator, New England Forestry Foundation.

**Matthew D. Shawkey.** M.S. degree. 2001. Proximate causes of brood reduction in Florida scrub-jays. Department of Biology, University of South Florida. 75 pp. Currently Assistant Professor of Biology at Akron University.

**Arthur L. Fleischer, Jr.** M.S. degree. 2000. The influence of time budget and rate of food handling and consumption on the timing of breeding of female Florida scrub-jays (*Aphelocoma coerulescens*): A

comparison between populations in natural and suburban habitats. Department of Biology, University of South Florida. 82 pp. Currently Chef at The Kitchen at The Store, Waitsfield VT.

### **Committee Member**

**Marianne Korosy.** Ph.D. Candidate. Anticipated 2011. Non-breeding season diet reconstruction and habitat associations among Florida grasshopper sparrow, Grasshopper sparrow, Bachman's sparrow, and Henslow's sparrow in Florida dry prairie. University of Central Florida. Advisor, Dr. Reed Noss.

**Dara Wald,** Ph.D. Candidate. Anticipated 2012. Socioeconomics of feral cats in Florida. University of Florida. Advisor, Dr. Susan Jacobson.

**Jill Aldredge.** M.S. degree. 2009. Factors influencing breeding territory size and placement of Florida grasshopper sparrow (*Ammodramus savannarum floridanus*). University of Central Florida. Advisor, Dr. Reed Noss.

**Raoul Boughton.** Ph.D. degree. 2007. Life-history trade-offs: An investigation of the resource allocation hypothesis in the Florida Scrub-Jay (*Aphelocoma coerulescens*). University of Memphis. Advisor, Dr. Stephen Schoech. Currently a Morris Animal Foundation Fellow in the Avian Ecology Lab at Archbold Biological Station.

**Kimberly B. Brand.** M.S. degree. 2001. Body mass variation in the Florida scrub-jay (*Aphelocoma coerulescens*). University of South Florida. Advisor, Dr. Glen E. Woolfenden.

**Tina L. Fleischer.** M.S. degree. 2000. Reactions of Florida scrub-jays (*Aphelocoma coerulescens*) to eggs and shams added to their nests. University of South Florida. Advisor, Dr. Glen E. Woolfenden. Currently a science editor for Elsevier.

**William J. Keating.** M.S. degree, 1999. Nocturnal roosting behavior of the Florida scrub-jay. University of South Florida. Advisor, Dr. Glen E. Woolfenden.

**Lee M. Walton.** M.S. degree. . 1997. Florida scrub-jay nest-site selectivity in unfragmented, periodically burned vs. fragmented, overgrown habitat. Villanova University. Advisor, Dr. Robert Curry. Currently a Senior Ecology with Biological Research Associates, Tampa, FL.