

DR. RAOUL K BOUGHTON

SENIOR RESEARCH ECOLOGIST

P 813 446 8657 **E** Raoul.Boughton@mosaicco.com

CAREER SUMMARY

I am a senior research ecologist who has worked in the field of wildlife and conservation biology for more than 25 years. I have worked for private conservation NGOs, consulted as a wildlife ecologist to multiple government agencies, contracted as a senior research lead for habitat conservation plans, directed a Disease Ecology Research Program at Archbold Biological Station, created the Rangeland Wildlife and Ecosystem Program as an Assistant Professor at the University of Florida and most recently became the Lead Ecologist for The Mosaic Company. My work is conducted locally, nationally, and internationally.

EXPERIENCE

2020 - current

Ecologist Lead | The Mosaic Company

2014 - 2020

Assistant Professor | Rangeland Scientist Wildlife Biologist | University of Florida

2014 - current

Research Associate | Archbold Biological Station

2013 - 2016

Graduate Faculty Scholar | University of Central Florida

2011 - 2014

Assistant Research Biologist | Program Director Disease Ecology | Archbold Biological Station

2009 - 2011

Postdoctoral Biologist | Morris Animal Foundation Fellow | Archbold Biological Station

2007 - 2009

Postdoctoral Biologist | National Science Foundation Funded Fellow | Archbold Biological Station

2001 - 2007

Graduate Student | PhD candidate | University of Memphis

1994 - 2000

Bird Observatory Manager | Barren Grounds Bird Observatory | Birds Australia – Royal Australasian Ornithologists Union

EDUCATION

Bachelor of Applied Science

Environmental Resource Management (1994)
Southern Cross University
Lismore, NSW, AUSTRALIA

Doctor of Philosophy

Biological Science (2007)
University of Memphis
Memphis, TN, USA

KEY SKILLS

- PROJECT MANAGEMENT
- RESEARCH DESIGN
- PROBLEM SOLVING
- WILDLIFE PERMITTING
- WILDLIFE BIOLOGY
- HABITAT MANAGEMENT
- STATISTICAL ANALYSES
- GRANT WRITING
- OUTREACH COMMUNICATION

AWARDS

- NATIONAL SCIENCE FOUNDATION - DOCTORAL DISSERTATION IMPROVEMENT GRANT
- NATIONAL OUTREACH AND EXTENSION AWARD FOR WILDLIFE INVASIVE SPECIES ECOLOGY

COMMUNICATION

My experience communicating to diverse audiences is extensive, ranging across science peers, government agencies, conservation organizations, public groups and clubs, to undergraduate and graduate students

- 103 publications, including 67 peer reviewed journal articles or books, 25 peer reviewed extension outreach articles
- 114 professional presentations, 38 as lead presenter
- 148 outreach, public talks, training events and workshops reaching more than 11,000 participants
- Created alternative media including, webinars, film, websites and social blogs
- Interviewed for TV and Radio broadcast, live and for specific programming

LEADERSHIP

My first position was in a leadership role managing the Barren Grounds Bird Observatory to facilitate research and educate the public. I received my first grant of \$50,000 to remodel the visitor center. Since then I have grown to lead multiple research programs and teams.

- Attracted funding totaling \$5,884,419
- Manage multi-million-dollar wildlife research budgets
- Connected diverse stakeholders to solve large problems
- Managed a staff of up to 10 individuals, including post-doctoral fellows, research biologists, research technicians, graduate students and interns
- Adapted and developed innovative tools and technology to monitor habitats, wildlife and livestock
- Chair USDA-ARS federal network on livestock tracking
- Chair 2020 International Wild Pig Conference
- Established a multi-agency state level task force on feral swine.
- Invited member to federal workshops on livestock disease risk and feral swine disease
- Led landscape analyses for USFWS recovery team to focus limited funding for protection of Florida Scrub-Jays
- Partnered with Audubon for citizen science monitoring and research of Burrowing Owl populations

REFERENCES

Dr Brent Sellers | bsellers@ufl.edu | 863 735 1314

Professor and Interim Center Director

Range Cattle Research and Education Center | University of Florida

Todd Mecklenborg | todd_mecklenborg@fws.gov | 727-892-4104

Fish and Wildlife Biologist

U.S. Department of the Interior / Fish and Wildlife Service

Dr Hilary Swain | hswain@archbold-station.org | 863 465 2571

Executive Director and Senior Research Biologist

Archbold Expeditions

Dr Stephen Schoech | sschoech@memphis.edu | 808.200.1827

Professor Emeritus, Biological Sciences, University of Memphis

40 Makaweli St., Honolulu, HI 96825

ABOUT ME



I am energetic, easy going and a good-natured person. I believe everyone can make a difference. My favorite things to do are hike in the Rocky Mountains and travel. I like cycling and enjoy watching rugby union and soccer.

PERSONAL GOAL

To discover solutions for humans, their industries and lifestyles, to co-exist with the amazing world of wildlife and habitats with whom they share the planet

SOFTWARE EXPERTISE

- MS Office Suite (Word, Excel, Powerpoint, Access, Project)
- ESRI ArcGIS Suite
- Q GIS
- PostgreSQL
- R program, advanced statistics, and graphing
- Endnote, Zotero, SAP Enterprise for documentation storage and library functions
- Trimble geospatial

MEMBERSHIPS

The Wildlife Society
American Ornithologist Union
Society for Range Management
Ecological Society of America

