

# CORINA LOGAN

itsme@CorinaLogan.com

## CURRENT POSITION: PhD Candidate and Gates Scholar

### EDUCATION

---

**2008–2012 Ph.D. Experimental Psychology University of Cambridge, UK**

- Thesis: sociality, ontogeny, and function of corvid postconflict affiliation (*see page 3 for publications from this work*). Supervisor: Prof Nicola Clayton, Advisor: Prof Sir Patrick Bateson.

**2004 B.S. Biology The Evergreen State College Olympia, WA, USA**

- Senior thesis: coati play behavior in Costa Rica. Advisor: Dr. John Longino.

**2002 A.A. degree Skagit Valley College Mount Vernon, WA, USA**

- Graduated with high honors and President's Medal, grades (GPA): 3.91/4.00.

### SELECTED AWARDS AND SCHOLARSHIPS

---

2011	Best Talk (out of 12), Murray Edwards College Graduate Symposium	£50
2010-2011	Cambridge Philosophical Society Travel Grants (conferences)	£685
2009-2011	Gates Cambridge Trust Research Grants (conferences)	£2,111
2009-2011	Murray Edwards College Research and Travel Grants (conferences)	£895
2009	Science Writing Prize, Assoc. for the Study of Animal Behaviour and <i>New Scientist</i>	£1,000
2009	2 <sup>nd</sup> prize Best Student Talk (out of 50), International Ethological Congress	£40
2008-2011	Gates Cambridge Scholarship (50 awarded out of 600 applicants)	£75,000
2008-2011	Murray Edwards College International Bursary	£3,000
2007 & 2008	NSF Graduate Research Fellowship Program	Honorable Mention
2004	Youth Activity Grant, The Explorers Club (undergrad research)	\$1,050
2002-2004	Grants and Awards, The Evergreen State College	\$5,003

### RESEARCH EXPERIENCE

---

**Natural Resources Research Technician III**

2005-2008

Washington State Department of Natural Resources

Olympia, WA USA

- Supervised northern spotted owl (*Strix occidentalis caurina*) habitat effectiveness monitoring on timber sales under the DNR Habitat Conservation Plan.
- Hired and trained field staff and supervised crews of up to four people.
- Served as a technical editor for the Lynx Habitat Management Plan on DNR-Managed Lands (2006). Searched for and acquired a stock image for the cover.

**Tropical Research Assistant**

2007

University of Washington

Seattle, WA USA

- Collected observational data of bird species attending army ant raids in a tropical cloud forest in Costa Rica. Analyzed migrant bird attendance across an elevation gradient.
- Investigated bivouac checking behavior in high-elevation birds.

# CORINA LOGAN

itsme@CorinaLogan.com

## **Natural Resources Research Technician II**

2005-2006

Washington State Department of Natural Resources

Olympia, WA USA

- Conducted fieldwork for a retrospective study on stream buffers, which will contribute to the development of a habitat conservation plan for headwater streams in Washington.
- Performed northern spotted owl habitat compliance monitoring on timber sales under the DNR Habitat Conservation Plan.

## **Bird Conservation Research Assistant**

2005

Stanford University

Stanford, CA USA

- Mist netted, collected data from, and banded migrant and resident birds for a long-term bird study on the impacts of habitat fragmentation in southern Costa Rica.

## **Small Mammal Research Technician**

2004

University of Arizona

Tucson, AZ USA

- Collected data on small mammals to determine population densities for a study of trail impacts on animal populations.

## **TEACHING EXPERIENCE**

---

### **Teaching Assistant and Research Project Supervisor**

2008–2011

University of Cambridge

Cambridge, UK

- Supervised seven undergraduate projects and two high school student research assistants.
- Teaching assistant for *Behaviour* and *Evolution and Behaviour*.

### **Tropical Naturalist Guide and Biological Consultant**

2004-2008

The Biomimicry Guild

Helena, MT USA

- Taught participants about tropical ecosystems and adaptations.
- Consultant for solving human design challenges by mimicking nature's designs.

## **LANGUAGES**

---

English: native, Spanish: advanced.

## **OTHER**

---

Reviewer for the Quarterly Review of Biology.

Member: Cambridge Philosophical Society, Assoc. for the Study of Animal Behaviour.

Citizenship: US

# CORINA LOGAN

itsme@CorinaLogan.com

## PUBLICATIONS

- Logan CJ**, Hoppitt WJE, Clayton NS. (*In prep.*). A stochastic model for analyzing post-conflict affiliation.
- Logan CJ**, Ostojic L, Clayton NS. (*In prep.*). Corvid post-conflict third-party affiliation buffers aggression.
- Logan CJ**, Clayton NS. (*In prep.*). Developmental effects on corvid post-conflict third-party affiliation.
- Logan CJ**, Koski SE, Clayton NS. (*Submitted*). A broad hypothesis for post-conflict affiliation. *Biological Reviews*.
- Logan CJ**, Emery NJ, Clayton NS. (*Submitted*). Testing alternative behavioral measures of post-conflict affiliation. *Behavioral Ecology*.
- O'Donnell S, Kumar A, **Logan C.** (*Submitted*). Life zone differences in army ant raid attendance by Nearctic migrants in Costa Rican montane forest. *Journal of Animal Ecology*.
- Logan CJ**, Longino JT. *In press*. Adult male coatis play with a band of juveniles. *Brazilian Journal of Biology*.
- Logan CJ**, O'Donnell S, Clayton NS. 2011. A case of mental time travel in ant-following birds? *Behavioral Ecology* 22(6):1149-1153.
- O'Donnell S, Kumar A, **Logan C.** 2010. Species differences in army ant raid attendance and bivouac checking behavior among Neotropical montane forest birds. *Wilson Journal of Ornithology* 122:503-512.
- Logan CJ**, Montero C. 2009. *Bothrops asper* (Terciopelo) scavenging behavior. *Herpetological Review* 40:352.
- Logan CJ**, Pepper JW. 2007. Social learning is central to innovation, in primates and beyond. *Behavioral and Brain Sciences* 30:416-417.

## POPULAR SCIENCE ARTICLES

- Logan CJ**, Emery NJ, Clayton NS. Jun 2011. Squabbles and snuggles: how corvids handle conflict. *Natural History Magazine*, pp. 18-19.
- Logan CJ.** 7 Jul 2010. Settling arguments, the corvid way. *New Scientist*.

## CONFERENCE PRESENTATIONS AND INVITED TALKS

- Invited talk:** The sociality, ontogeny, and function of corvid post-conflict affiliation. Univ. of Cambridge, Nov 2011.
- Presentation:** The sociality and ontogeny of corvid postconflict affiliation. Behaviour 2011, Bloomington, IN, USA.
- Invited talk:** How corvids support each other after fights. Univ. of Washington, USA, Jul 2011.
- Invited talk:** The sociality, ontogeny, and function of corvid postconflict affiliation. Univ. of Neuchâtel, Switzerland, Mar 2011.
- Presentation:** Does social support reduce stress in corvids? 13<sup>th</sup> International Behavioral Ecology Congress, Perth, Australia, 26 Sep-3 Oct 2010.
- Presentation:** The evolution and ontogeny of postconflict third-party affiliation in corvids. 31<sup>st</sup> International Ethological Congress, Rennes, France, 19-25 Aug 2009.

## SELECTED PUBLIC PRESENTATIONS

- May 2011: The sociality, ontogeny, and function of corvid postconflict affiliation. Murray Edwards College Graduate Symposium, University of Cambridge.
- Jun 2010: Does social support reduce stress in corvids? Global Scholars Symposium, University of Cambridge.
- Sep 2009: Social support in corvids. Gates Scholars Symposium, University of Cambridge.
- Aug 2009: The evolution and ontogeny of postconflict third-party affiliation in corvids. Keio-Cambridge Symposium, University of Cambridge.

**Comparative Cognition Lab Journal Club:** The sociality and ontogeny of postconflict affiliation in corvids (May 2011), Does social support reduce stress in corvids? (Sep 2010), Mental time travel in antbirds? (Dec 2009), Coati play (Jan 2009), Corvid postconflict affiliation (Aug 2009 & Jan 2010).

## SELECTED CONFERENCE POSTERS

- Logan CJ**, Emery NJ, & Clayton NS. 2010. Behavioural contagion in rooks and jackdaws. ASAB Winter Meeting, London, 2-3 December.
- Logan CJ**, Emery NJ, & Clayton NS. 2010. Behavioural contagion in rooks and jackdaws. Learning, decision making and evolutionary theory. Israel Science Foundation, Kfar Blum, Israel, 7-11 November.
- Logan CJ**, & Longino JT. 2008. Play behavior of *Nasua narica* (white-nosed coati) in Costa Rica. 12<sup>th</sup> International Society for Behavioral Ecology Congress, Ithaca, New York, 9-15 August.

## SELECTED PUBLIC POSTERS

- Logan CJ**, and Longino JT. 2009. Play behavior of *Nasua narica* (white-nosed coati) in Costa Rica. University of Cambridge's 800th Anniversary Science Festival.