

- CONTACT INFORMATION Department of Biological Sciences University of Illinois at Chicago
840 W. Taylor St. M/C 067 Chicago, IL 60607
Phone: (312) 413-8269
E-mail: ncrouc2@uic.edu
- APPOINTMENTS **Teaching Assistant**, Biological Sciences, University of Illinois at Chicago 2012–*present*
Research Assistant, Oxford University 2012
Visiting Scholar, University of Missouri, St Louis 2011
Research Assistant, Edinburgh University 2011
- EDUCATION **Ph.D.**, Biological Sciences, University of Illinois at Chicago 2012–*present*
MRes, Ecology, Evolution Conservation, Imperial College, London 2009–2011
BSc, Zoology, Cardiff University 2006–2009
- PUBLICATIONS A current compilation of indexed articles is available from [Google Scholar](#).
- [1] **Crouch N**, Ramanauskas, K, Igić B (*In preparation*) Total-evidence Analyses Support a Cretaceous Origin of Telluraves.
 - [2] **Crouch N**, Igić B, Ricklefs, R (*In preparation*) A multi-dimensional approach to defining ecological specialization, and its effect on diversification in a range of avian species.
 - [3] **Crouch N** (*In preparation*) Tempo and mode of arboreal avian body size evolution.
 - [4] **Crouch N** (*In preparation*) Investigating causes of extra-pair paternity in birds using structural equation modelling.
 - [5] Thomson, C E, Bayer, F, Cassinello, M, **Crouch, N**, Farrell, S, Heap, E, Mittell, E, Hadfield, J (*Submitted manuscript*) Selection on parental performance opposes selection for larger body size in a population of blue tits
 - [6] **Crouch, N** (2014) RDH: Range data helper - functions to aid analysis of spatial data <https://github.com/NickCrouch/RDH>
 - [7] Hadfield, J D, Heap, E A, Bayer, F, Mittell, E A, **Crouch, N** (2013) Intraclutch differences in egg characteristics mitigate the consequences of age-related hierarchies in a wild passerine *Evolution* 67 (9): 2688–2700
 - [8] Hadfield, J D, Heap, E A, Bayer, F, Mittell, E A, **Crouch, N** (2013) Disentangling genetic and prenatal sources of familial resemblance across ontogeny in a wild passerine *Evolution* 67 (9): 2701–2713
- AWARDS AND GRANTS **Elmer Hadley Research Award**, University of Illinois at Chicago (2014)
Evolution of specialization in the rollers (\$577)

Student travel award, University of Illinois at Chicago (2014) Geological Society of America Conference, Vancouver, BC (\$600)

Student travel award, University of Illinois at Chicago (2013) AOU/COS Meeting, Chicago (\$70)

PRESENTATIONS Asterisk denotes oral presentations

2013:

Character state evolution of generalism and specialism in a family of avian lice: a re-analysis. Ninth Annual University of Michigan Early Career Scientists Symposium.

Multivariate Specialism and Diversification in Birds AOU/COS Meeting, Chicago*

2016:

Total-evidence Analyses Support a Cretaceous Origin of Telluraves. Evolution (Austin)* & Geological Society of America (Denver)*

INVITED
SEMINARS

2013: *Ecological specialization: causes and consequences*, University of Chicago.

TEACHING

BIOS 101: Biology of Populations & Communities

BIOS 221: Genetics Lab

BIOS 230: Ecology & Evolution

PROFESSIONAL
ACTIVITIES

Peer Review:

Oecologia

Symposia attended:

Ninth Annual University of Michigan Early Career Scientists Symposium (2013)

The Rise of Modern Biodiversity - A Workshop addressing Critical Transitions in the History of Life (2015) Field Museum of Natural History, Chicago