

Corina J Logan

Senior Researcher ♦ Comparative Behavioral Ecology Group ♦ Email ♦ Website
Department of Human Behavior, Ecology and Culture ♦ Max Planck Institute for Evolutionary Anthropology

My research has advanced our understanding of behavioral flexibility, linking behavior to environmental change, cognition, and success in human modified environments through a comparative and global framework. Through an innovative set of experiments, I discovered that I can train great-tailed grackles (an urban bird species) to be more flexible, which makes them more



innovative, more flexible in a new context, and better foragers. Through a unique reproducible research program I founded in 2022 (ManyIndividuals), collaborators and I are implementing this flexibility training in a “Rethinking Animal Behavior” frame in species that are successful in human modified environments (grackles) and in threatened species (Florida scrub-jays and toutouwai) to determine whether an increase in flexibility improves their success in human modified environments. This program has the potential to provide large impacts for threatened and endangered species who struggle with adapting to human modified environments.

EXPERIENCE AND EDUCATION

2018-current **Senior Researcher and Leader of the Comparative Behavioral Ecology group**, Department of Human Behavior, Ecology and Culture, Max Planck Institute for Evolutionary Anthropology

- Great-tailed grackles, a flexible bird species, have rapidly expanded their range into human modified environments across North America over the past 140 years. I showed that grackles in a recently established population on the edge of their range are more persistent and have a higher variance (but similar average) in flexibility compared with grackles in an older population away from the northern edge. I revealed that behavior is likely involved in facilitating this rapid range expansion
- Revealed that the closely related, but not rapidly expanding boat-tailed grackles are as flexible as the rapidly expanding great-tailed grackles, further refuting the hypothesis that flexibility plays the primary role in a geographic range expansion
- Discovered grackle behavioral flexibility is manipulable and improves problem solving, foraging behavior, and flexibility in a new context
- Founded ManyIndividuals, a reproducible research program of a global network of researchers with field sites. We are investigating whether training successful and threatened species to be more flexible improves their success in human modified environments
- Field work is challenging and the minimum sample sizes indicated by traditional power analyses are not feasible to achieve. I am therefore “Rethinking Animal Behavior” by innovating bespoke, hypothesis- and population-specific models that guide data collection and provide a template for others to follow. This allows researchers to get the most out of limited samples using non-invasive approaches
- Designed and implemented anti-racist/anti-sexist recruitment policies (e.g., candidates only interviewed if they are a good role model for groups that are traditionally underrepresented in STEM, recruit primarily through underrepresented minority platforms, use quotas for ethnic composition of research assistants)

Corina J Logan

Senior Researcher ♦ Comparative Behavioral Ecology Group ♦ Email ♦ Website
Department of Human Behavior, Ecology and Culture ♦ Max Planck Institute for Evolutionary Anthropology

- I aim for the tenant of the Max Planck Society that excellent research needs open science. I co-founded Peer Community in Registered Reports, dedicated to reviewing and recommending Registered Reports across the full spectrum of STEM, medicine, the social sciences, and humanities. It has become internationally renowned for being a unique platform that gives authors and editors power in the process of sharing research outputs

2015-current **Research Associate**, Dept. Psychological and Brain Sciences, then Neuroscience Research Institute, University of California Santa Barbara

- Brought two awards to UCSB to fund postdocs and technicians on the grackle project
- The grackle permits and ethics (IACUC protocol) are based at UCSB, which is where the project started
- UCSB provides veterinary support for the grackles either directly (when the field site is in Santa Barbara) or through cooperation agreements with other universities (when the field site is located elsewhere)

2015-2018 **Leverhulme Early Career Research Fellow**, Department of Zoology, University of Cambridge and Bye Fellow, Murray Edwards College (2016-2018)

- Conducted the first study on the heritability of endocranial volume (a brain size proxy) in a wild mammal
- Discovered that endocranial volume is heritable and associated with female lifetime reproductive success and longevity, but not fecundity, in 1314 red deer
- Results confirm some long-standing, previously untested assumptions about brain size variation and show that some cross-species hypotheses hold within-species
- Designed and implemented anti-racist/anti-sexist policies for supporting students (e.g., evaluate individuals rather than looking for a “good” CV which is more a sign of privilege than quality, female-code language in adverts, male-code language in letters of reference)

2012-2015 **Junior Research Fellow**, SAGE Center for the Study of the Mind, University of California Santa Barbara

- Discovered that New Caledonian crows do not learn by imitating; therefore, I suggested a new pathway for the evolution of cumulative technological culture
- Conducted the first cognitive tests on great-tailed grackles, finding that, contrary to predictions, their behavioral flexibility is similar to that of crows despite their smaller relative brain size and lack of anecdotal foraging innovations
- Showed that behavioral flexibility is independent from problem solving, innovativeness, and other behaviors such as neophobia

2008-2012 **PhD** Experimental Psychology, University of Cambridge (with Prof Nicola Clayton) and Murray Edwards College

- Investigated the sociality, ontogeny, and function of corvid (birds in the crow family) postconflict affiliation, finding that even the least social species studied so far uses social support
- Developed new methods to detect postconflict affiliation in strongly bonded individuals

Corina J Logan

Senior Researcher ♦ Comparative Behavioral Ecology Group ♦ Email ♦ Website
Department of Human Behavior, Ecology and Culture ♦ Max Planck Institute for Evolutionary Anthropology

- 2004-2008 **Research Assistant** at the University of Washington, Stanford University, University of Arizona, and Washington State Department of Natural Resources
- 2002-2004 **BS Biology**, The Evergreen State College, WA, USA (with Prof John Longino)
• Discovered that adult male coatis play with juveniles rather than predate them, which makes them an excellent model for studying the mechanisms of infanticide
- 1999-2002 **AA Degree** in Biology and Drama, Skagit Valley College, WA, USA

PUBLICATIONS (#=highlighted article, *=undergraduate co-author, ^=top 5% of articles at Altmetric, +=in review, §=started as a registered report)

- 38.§+ Lukas D, Blackwell A, Edrisi M, *Hardy K, Marfori Z, McCune K, *Sevchik A, *Smith C, **Logan CJ**. 2025. [Reduced levels of relatedness indicate that great-tailed grackles disperse further at the edge of their range](https://doi.org/10.32942/X2ND0N). doi:10.32942/X2ND0N
- 37.§+ McCune KB, Lukas D, MacPherson M, **Logan CJ**. 2024. [Behavioral flexibility is related to exploration and persistence, but not boldness or motor diversity](https://doi.org/10.32942/X2H33F). doi:10.32942/X2H33F
- 36.§+ **Logan CJ**, McCune KB, Rowney C, Lukas D. 2025. [Behavioral flexibility is similar in two closely related species where only one is rapidly expanding its geographic range](https://doi.org/10.32942/X2Q038). doi:10.32942/X2Q038
- 35.§+ **Logan CJ**, Lukas D, *Geng X, LeGrande-Rolls C, Marfori Z, MacPherson M, Rowney C, *Smith C, McCune KB. 2025. [Behavioral flexibility is related to foraging, but not social or habitat use behaviors, in a species that is rapidly expanding its range](https://doi.org/10.32942/X2T036). doi:10.32942/X2T036
- 34.§ Lukas D, McCune KB, Blaisdell AP, Johnson-Ulrich Z, MacPherson M, Seitz BM, *Sevchik A, **Logan CJ**. 2024. [Bayesian reinforcement learning models reveal how great-tailed grackles improve their behavioral flexibility in serial reversal learning experiments](https://doi.org/10.24072/pcjournal.456). doi: 10.24072/pcjournal.456
- 33.§ **Logan CJ**, McCune KB, LeGrande-Rolls C, Marfori Z, Hubbard D, Lukas D. 2023. [Implementing a rapid geographic range expansion - the role of behavior changes](https://doi.org/10.24072/pcjournal.320). doi:10.24072/pcjournal.320
- 32.§ **Logan CJ**, Lukas D, Blaisdell AP, Johnson-Ulrich Z, MacPherson M, Seitz BM, *Sevchik A, McCune KB. 2022. [Behavioral flexibility is manipulable and it improves flexibility and problem solving in a new context](https://doi.org/10.24072/pcjournal.284). doi:10.24072/pcjournal.284
- 31.§ McCune KB, Blaisdell AP, Johnson-Ulrich Z, Lukas D, MacPherson M, Seitz BM, *Sevchik A, **Logan CJ**. 2022. [Using repeatability of performance within and across contexts measuring behavioral flexibility](https://doi.org/10.7717/peerj.15773). doi:10.7717/peerj.15773
- 30.§ Summers J, Lukas D, **Logan CJ**, Chen N. 2022. [The role of climate change and niche shifts in divergent range dynamics of a sister-species pair](https://doi.org/10.24072/pcjournal.248). doi:0.24072/pcjournal.248
29. Pacheco MA, Ferreira FC, **Logan CJ**, McCune KB, MacPherson MP, Albino Miranda S, Santiago-Alarcon D, Escalante AA. 2022. [Great-tailed grackles \(*Quiscalus mexicanus*\) as a tolerant host of avian malaria parasites](https://doi.org/10.1371/journal.pone.0268161). doi:10.1371/journal.pone.0268161
28. Seitz BM, McCune KB, MacPherson M, Bergeron LM, Blaisdell A, **Logan CJ**. 2021. [Using touchscreen equipped operant chambers to study comparative cognition. Benefits, limitations, and advice](https://doi.org/10.1371/journal.pone.0246446). doi:10.1371/journal.pone.0246446

Corina J Logan

Senior Researcher ♦ Comparative Behavioral Ecology Group ♦ Email ♦ Website
Department of Human Behavior, Ecology and Culture ♦ Max Planck Institute for Evolutionary Anthropology

- 27.§ *Sevchik A, **Logan CJ**, Folsom M, Bergeron L, Blackwell A, Rowney C, Lukas D. 2021. [Investigating sex differences in genetic diversity in great-tailed grackles in Tempe, Arizona to infer potential sex biases in dispersal](#). doi:10.26451/abc.09.01.04.2022
- 26.§ **Logan CJ**, McCune KB, MacPherson M, Johnson-Ulrich Z, Bergeron L, Rowney C, Seitz B, Blaisdell A, Folsom M, Deffner D, Wascher CAF. 2021. [Are the more flexible individuals also better at inhibition?](#) doi:10.26451/abc.09.01.03.2022
- 25.§ Blaisdell A, Seitz B, Rowney C, Folsom M, MacPherson M, Deffner D, **Logan CJ**. 2021. [Do the more flexible individuals rely more on causal cognition? Observation versus intervention in casual inference in great-tailed grackles](#). doi:10.24072/pcjournal.44
- 24.^ **Logan CJ**, Avin S, Boogert N, Buskell A, Cross F, Currie A, Jelbert S, Lukas D, Mares R, Navarrete Rodriguez A, Shigeno S, Montgomery S. 2018. [Beyond brain size: uncovering the neural correlates of behavioral and cognitive specialization](#). doi:10/c594
- 23.^ **Logan CJ**. 2017. [We can shift academic culture through publishing choices](#) [version 2; referees: 3 approved]. doi:10/gbxt6f
22. Mikhalevich I, Powell R, **Logan CJ**. 2017. [Is behavioural flexibility evidence of cognitive complexity? How evolution can inform comparative cognition](#). doi:10/c595
- 21.#^ **Logan CJ**, Kruuk L, Stanley R, Thompson A, Clutton-Brock TH. 2016. [Endocranial volume is heritable and is associated with longevity and fitness in a wild mammal](#). doi:10/c596. *Highlights: extensive press coverage (Cambridge press release, New Scientist, Science, Gates Cambridge, Naked Scientists).*
20. Miller R, **Logan CJ**, *Lister K, Clayton NS. 2016. [Eurasian jays do not copy the choices of conspecifics, but they do show evidence of stimulus enhancement](#). doi:10/c597
19. **Logan CJ**. 2016. [Behavioral flexibility in an invasive bird is independent of other behaviors](#). doi:10/c598
- 18.^ **Logan CJ**. 2016. [How far will a behaviourally flexible invasive bird go to innovate?](#) doi:10/c599
- 17.#^ **Logan CJ**. 2016. [Behavioral flexibility and problem solving in an invasive bird](#). doi:10/c6bb *Highlights: extensive press coverage (UCSB press release, Audubon Society, NY Times ScienceTake, National Geographic, Gates Cambridge, Cambridge News), 3 radio interviews, and I blogged at She Talks Science.*
- 16.^ **Logan CJ**, *Harvey B, Schlinger BA, Rensel M. 2016. [Western scrub-jays do not appear to attend to functionality in Aesop's Fable experiments](#). doi:10/c6bc
- 15.^ **Logan CJ**, *Breen AJ, Taylor AH, Gray RD, Hoppitt WJE. 2016. [How New Caledonian crows solve novel foraging problems and what it means for cumulative culture](#). doi:10/f8dksw
- 14.^ **Logan CJ**, *Palmstrom CR. 2015. [Can endocranial volume be accurately estimated from external skull measurements in great-tailed grackles \(Quiscalus mexicanus\)?](#) doi:10/c6bd
- 13.#^ **Logan CJ**, Jelbert SA, *Breen AJ, Gray RD, Taylor AH. 2014. [Modifications to the Aesop's Fable paradigm change performances in New Caledonian crows](#). doi:10/f6jkbw
Highlights: extensive press coverage (National Geographic, 3 radio interviews, and the UCSB press release was widely distributed) resulting in 17,000+ article views in the first 2 weeks, my hosting a PLoS Science Ask Me Anything, and I video blogged about life in the field for the National Geographic Explorers Journal

Corina J Logan

Senior Researcher ♦ Comparative Behavioral Ecology Group ♦ Email ♦ Website
Department of Human Behavior, Ecology and Culture ♦ Max Planck Institute for Evolutionary Anthropology

12. Logan CJ. 2014. [Making progress in non-human mental time travel](#). doi:10/c6bf
11. O'Donnell S, Kumar A, Logan C. 2014. [Do Nearctic migrant birds compete with residents at army ant raids? A geographic and seasonal analysis](#). doi:10/f6kb25
- 10.^ Carter AJ, Horrocks NPC, Huchard E, Logan CJ, Lukas D, MacLeod KJ, Marshall HH, Peck HL, Sanderson J, Sorensen M. 2014. [Junior scientists are skeptical of skeptics of open-access](#). doi:10/c6bg
9. Logan CJ, Longino JT. 2013. [Adult male coatis play with a band of juveniles](#). doi:10/f4k7q6
8. Logan CJ, Ostojic L, Clayton NS. 2013. [Rook, but not jackdaw, post-conflict third-party affiliation reduces aggression for aggressors](#). doi:10/f4t463
- 7.# Logan CJ, Emery NJ, Clayton NS. 2013. [Alternative behavioral measures of post-conflict affiliation](#). doi:10/f4jctt
Highlights: I won the ASAB/New Scientist 2009 Science Writing Prize for a popular science article, which was published in New Scientist. Published a summary in Natural History Magazine (June 2011)
6. Logan CJ, Clutton-Brock TH. 2013. [Validating methods for measuring endocranial volume in individual red deer \(Cervus elaphus\)](#). doi:10/f4k7q6
5. O'Donnell S, Logan C, Clayton NS. 2012. [Specializations of birds that attend army ant raids: an ecological approach to cognitive and behavioral studies](#). doi:10/f4f4gf
- 4.#^ Logan CJ, O'Donnell S, Clayton NS. 2011. [A case of mental time travel in ant-following birds?](#) doi:10/cpfdhk
Highlights: extensive press coverage (BBC Nature, AnimalWise blog, and the Cambridge press release was distributed widely), I blogged at Oxford University Press about life as an army ant bird researcher
3. O'Donnell S, Kumar A, Logan C. 2010. [Army ant raid attendance and bivouac checking behavior by Neotropical montane forest birds](#). doi:10/fb5b38
2. Logan CJ, Montero C. 2009. [Bothrops asper \(Terciopelo\) scavenging behavior](#). *Herpetological Review* 40:352.
1. Logan CJ, Pepper JW. 2007. [Social learning is central to innovation, in primates and beyond](#). doi:10/ckrcc5

PUBLICATIONS (NOT PEER REVIEWED)

4. Tennant J, Gatto L, Logan C. 2018. [Preprints help journalism, not hinder it](#). doi:10/gd3xpr
3. Montgomery S, Currie A, Lukas D, Boogert N, Buskell A, Cross F, Jelbert S, Avin S, Mares R, Navarrete Rodriguez A, Shigeno S, Logan CJ. 2018. [Ingredients for understanding brain and behavioral evolution: ecology, phylogeny, and mechanism](#). doi:10/c6bh
2. Priego E, McKiernan E, Posada A, Hartley R, Rodriguez Ortega N, Fiormonte D, Gil A, Logan C, Pablo Alperin J, Mounce R, Eglén SJ, Miranda Trigueros E, Lawson S, Gatto L, Ramos A, Pérez N. 2017. [Scholarly Publishing, Freedom of Information and Academic Self-Determination: The UNAM-Elsevier Case](#). doi:10/c6bj
1. Powell R, Mikhalevich I, Logan CJ, Clayton NS. 2017. [Convergent minds: the evolution of cognitive complexity in nature](#). doi:10/c6bk

REGISTERED REPORTS THAT RECEIVED IN PRINCIPLE ACCEPTANCE (PEER REVIEWED)

8. Logan CJ, Shaw R, Lukas D, McCune KB. 2022. [How to succeed in human modified environments. In principle acceptance](#) by *PCI Registered Reports* on 8 Sep 2022 of the [version](#) on 25 Aug 2022.

Corina J Logan

Senior Researcher ♦ Comparative Behavioral Ecology Group ♦ Email ♦ Website
Department of Human Behavior, Ecology and Culture ♦ Max Planck Institute for Evolutionary Anthropology

7. Logan CJ, McCune KB, Chen N, Lukas D. 2021. [Implementing a rapid geographic range expansion - the role of behavior and habitat changes.](#) *In principle acceptance* by *PCI Ecology* of the [version](#) on 16 Dec 2021.
6. McCune KB, Folsom M, Ross C, Bergeron L, Logan CJ. 2020. [Does great-tailed grackle space use behavior reflect individual differences in exploration?](#) *In principle acceptance* by *PCI Ecology* of the [version](#) on 23 Sep 2020.
5. Folsom MA, MacPherson M, Lukas D, McCune KB, Bergeron L, Bond A, Blackwell A, Rowney C, Logan CJ. 2020. [Repeated parental care by adult male great-tailed grackles and its association with hormones, fitness, specific populations, and mating strategies.](#) *In principle acceptance* by *PCI Ecology* of the [version](#) on 15 Jun 2020.
4. McCune KB, McElreath R, Logan CJ. 2019. [Investigating the use of of learning mechanisms in a species that is rapidly expanding its geographic range.](#) *In principle acceptance* by *PCI Ecology* of the [version](#) on 26 Mar 2019.
3. Logan CJ, Lukas D, Bergeron L, Folsom M, McCune KB. 2019. [Is behavioral flexibility related to foraging and social behavior in a rapidly expanding species?](#) *In principle acceptance* by *PCI Ecology* of the [version](#) on 6 Aug 2019.
2. Logan CJ, MacPherson M, Rowney C, Bergeron L, Seitz B, Blaisdell A, Folsom M, Johnson-Ulrich Z, Sevchik A, McCune KB. 2019. [Is behavioral flexibility manipulatable and, if so, does it improve flexibility and problem solving in a new context?](#) *In principle acceptance* by *PCI Ecology* of the [version](#) on 26 Mar 2019.
1. McCune K, MacPherson M, Rowney C, Bergeron L, Folsom M, Deffner D, Logan CJ. 2019. [Is behavioral flexibility linked with exploration, but not boldness, persistence, or motor diversity?](#) *In principle acceptance* by *PCI Ecology* of the [version](#) on 27 Mar 2019.

SELECTED GRANTS (see www.CorinaLogan.com for full list)

2022-2026	Max Planck Digital Library <i>Funding for Peer Community in Registered Reports</i>	€14,000
2017	Shuttleworth Foundation Flash Grant <i>Funded the #BulliedIntoBadScience campaign</i>	\$5,000
2015	Cambridge Graduate School of Life Sciences Researcher Development Grants <i>Funded an 'Exercise your interview skills' workshop for PhD students and postdocs</i>	£718
2015-2018	Leverhulme Early Career Fellowship/Newton Trust <i>salary + research funds</i>	£123,000
2014	University of California Santa Barbara Open Access Pilot Fund Program <i>Covered publication fees for Logan et al. (2014) in PLOS ONE</i>	£857
2012-2014	National Geographic Society/Waitt Grants Program <i>Funded field research on New Caledonian crows and great-tailed grackles</i>	£9,000
2012-2015	Junior Research Fellowship, SAGE Center <i>salary + research funds</i>	£91,115
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
2008-2011	Murray Edwards College International Bursary	£3,000
2008-2011	Gates Cambridge Scholarship (awarded to top 5% of 800 applicants) <i>Funded my PhD fees, living costs, and stipend at the University of Cambridge</i>	£75,000

SELECTED AWARDS (see www.CorinaLogan.com for full list)

2016-2018	Post-doctoral Bye Fellow, Murray Edwards College, University of Cambridge	
2016	<i>Learning & Behavior</i> Best Article Award	£761

Corina J Logan

Senior Researcher ♦ Comparative Behavioral Ecology Group ♦ Email ♦ Website
Department of Human Behavior, Ecology and Culture ♦ Max Planck Institute for Evolutionary Anthropology

- 2011 Best Talk (out of 12), Murray Edwards College Graduate Symposium £50
2009 Science Writing Prize, Assoc. for the Study of Anim Behav & *New Scientist* £1,000
2009 2nd prize Best Student Talk (out of 50), International Ethological Congress £40
2002 Skagit Valley College: graduated with high honors and the President's Medal (top 1.8%), grades (GPA): 3.91/4.00

SELECTED INVITED TALKS (see www.CorinaLogan.com for full list)

- 2025 *Are great-tailed grackles more flexible than boat-tailed grackles?* 9th Annual Archbold Research Symposium, online
2024 *Growing up in academia*, Max Planck Institute for Empirical Aesthetics, Frankfurt, Germany
2023 How Peer Community in Registered Reports lets researchers take back control of the publishing process. Symposium: Progress & future directions in open science, Brighton, UK
2022 International remote seminar on Frontiers in Social Evolution
2021 *Animal Ecology*, University of Potsdam, Germany
2020 *Coffee with Scientists*, University of Cambridge
2019 *Zoology*, Charles University, Prague; *Workshop: Future of registered reports*, Center for Open Science, London; *Keynote: Open Science Day*, Max Planck Institute for Human Cognition, Leipzig; *eScience Institute*, University of Washington; *Open Access Ambassadors*, Max Planck Society, Berlin
2018 *Biology*, New Mexico State University; *Biology*, University of New Mexico; Symposium speaker: *The State of Peer Review*, Joint Statistical Meetings, Vancouver, BC; *Keynote: Munin Conference*, Tromso, Norway; *Todos seminar speaker*, The Arctic University of Norway, Tromso, Norway
2017 *Evolution of Social Complexity*, Arizona State University; *eLife*; *Archbold Research Station*, FL; *Zoology*, Office of Scholarly Communication, Graduate Union, University of Cambridge; *Max Planck Institute for Evolutionary Anthropology*; *OpenCon*; *Biology*, University of York
2016 *Animal & Environmental Biology*, Anglia Ruskin University, UK; *Centre National de la Recherche Scientifique*, France; *Zoology*, Wolfson College, *Zoology Postdocs*, *Open Policy*, University of Cambridge; *Zoology*, Stockholm University; *Leverhulme Trust Board meeting*, London
2015 *Biology*, University of St Andrews; *Center for Behavior, Evolution, and Culture*, UCLA; *Zoology, History and Philosophy of Science*, University of Cambridge
2014 *Biology*, Washington University; *Psychology*, University of Washington; *Santa Barbara City College*; *Hastings Natural History Reserve*; *Psychology*, University of California Santa Barbara (UCSB); *Laboratory of Neuroendocrinology*, UCLA; *Ecology, Evolution and Marine Biology*, UCSB
2013 *Psychology*, University of Washington; *National Center for Ecological Analysis and Synthesis*, UCSB
2012 *Psychology*, UCSB; *University of Edinburgh*
2011 *Sub-dept of Animal Behaviour*, University of Cambridge; *Biology*, University of Washington; *Behavioural Ecology*, University of Neuchâtel, Switzerland

TEACHING AND SUPERVISION

- Supervised 54 research assistants (46 undergraduate, 1 PhD, 4 high school, 1 community volunteer, 6 employees) in the US, UK, and Germany (since 2009), including 3 senior theses. Advised in how to give presentations, apply for grants and PhD programs, and on non-academic careers.
- Workshop: *How to implement an open and transparent workflow* for researchers at the Max Planck Institute for Evolutionary Anthropology (2019)

Corina J Logan

Senior Researcher ♦ Comparative Behavioral Ecology Group ♦ Email ♦ Website
Department of Human Behavior, Ecology and Culture ♦ Max Planck Institute for Evolutionary Anthropology

- How to improve the value of your research. Module 1: Open Principles, Open Science MOOC (2019)
- Designed and taught *Neuroethology: The neural basis of adaptive behaviour* for final year undergraduates in Zoology at Cambridge (3 lectures; 2016).
- Co-designed and taught graduate seminars in Psychological and Brain Sciences at UCSB: *Interdisciplinary Approaches to Brains and Behavior* (2013) and *Behavioral science: are you doing it wrong?* (2014). Course material was adapted to student interests throughout the term.
- Developed and delivered a writing workshop for final year students at Cambridge (2009, 2011, 2016).
- Guest lecturer 2012-2018: *Neuroethology* (3 lectures) at the University of Cambridge; *Behavioral Ecology* (1 lecture) at Anglia Ruskin University; *Ethology and Behavioral Ecology* (3 lectures), *Social Psychology of Close Relationships* (1 lecture) at UCSB; and *Methods in Field Biology* (1 lab) and *Seminars in Biology* (1 lecture) at Santa Barbara City College.
- Committee member for 5 PhD students and 1 MS student at Cambridge, Univ. of Washington, UCLA, and Max Planck.
- External PhD thesis examiner: Univ. of Washington (McCune) and Univ. of Vienna (Ibáñez de Aldecoa)
- Tutored small groups of undergraduates in *Behaviour* and *Neuroethology* at Cambridge (~60 students; 2009, 2011, 2016).
- Marked critical reviews, literature reviews, and research project reports for final year undergraduates at Cambridge (~25; 2011-2018).
- Assisted in conducting lab practicals for ~500 undergraduates in *Evolution and Behaviour* and marked ~15% of their exams at Cambridge (2009-2011).

CONFERENCE PRESENTATIONS

- 2023 The ManyIndividuals reproducible research program, *2023 Big Team Science Conference*, online
- 2022 Plenary: How Peer Community in Registered Reports lets researchers take back control over the publishing process, *Society for Open, Reliable, and Transparent Ecology and Evolutionary biology (SORTEE)*, online
- 2018 Is behavioural flexibility evidence of cognitive complexity? *LeadNet*, Berlin [poster]
- 2017 Is behavioural flexibility evidence of cognitive complexity? *International Conference on Comparative Cognition*, Melbourne Beach, Florida
- 2016 Endocranial volume is heritable and associated with fitness in deer. *International Society for Behavioral Ecology*, Exeter [poster]
- 2016 Behavioral flexibility in an invasive bird is independent of other behaviors. *European Conference on Behavioural Biology*, Vienna, Austria
Are invasive species behaviorally flexible? *Ethology*, Göttingen, Germany.
- 2015 Does innovation frequency indicate complex cognition? *Behaviour*, Cairns, Australia.
How New Caledonian crows solve novel foraging problems and what it means for cumulative culture. *ASAB Winter Meeting*, London, UK
- 2013 Formalizing a broad post-conflict affiliation hypothesis. At a symposium I organized: *Post-conflict affiliation: applications for conflict management in humans. Behaviour*, Newcastle, UK
- 2011 The sociality and ontogeny of corvid postconflict affiliation. *Behaviour*, Bloomington, US
- 2010 Does social support reduce stress in corvids? *International Society for Behavioral Ecology*, Perth, Australia
- 2009 The evolution and ontogeny of postconflict third-party affiliation in corvids. *International Ethological Congress*, Rennes, France

Corina J Logan

Senior Researcher ♦ Comparative Behavioral Ecology Group ♦ Email ♦ Website
Department of Human Behavior, Ecology and Culture ♦ Max Planck Institute for Evolutionary Anthropology

LEADERSHIP (see www.CorinaLogan.com for full list)

- Peer reviewer:** 34 reviews at 19 journals (details at my [website](#)), reviewer for the Canada Excellence Research Chairs (2023), La Caixa Postdoctoral Fellowship (17 applications, Spain/Portugal; 2020), Vienna Science and Technology Fund (2018)
- Editor:** Co-founder, Managing Board member, and Recommender (editor) at *Peer Community in Registered Reports* (2021-); Managing Board member (2018-2022) and Recommender (editor) at *Peer Community in Ecology* (2018-); Associate Editor for *Royal Society Open Science* (2016-2020); Editorial Board member for *Animal Behavior and Cognition* (2017-2020)
- Public talks:** Open Science MOOC: Open Principles Module, *eLife* early career researcher webinar, Aiming High Conference and mentor for Networking Events at Murray Edwards College, Big Game Night at the Cambridge Festival of Ideas, Ask Me Anything on PLOS Science, The Naked Scientists, Audubon Society, Santa Barbara Zoo
- Organizer:** *Peer Community In* talks at MPI EVA; Co-organized Max Planck Institute Innovators workshop at MPI EVA (2019); ran “Bursting the Academic Bubble” roundtable at MPI EVA; Conducted a Workplace Culture survey and workshops in the Department of Zoology at Cambridge to contribute to the Collaborating with Men research project at Murray Edwards College (2018); Early career researcher workshop on *Moving brain size forward*, Postdoc Research Convenor for Murray Edwards College, Journals Coordination Scheme Working Group and School of Biological Sciences Consultative Committee (2017); facilitating a shift to *ethical scientific publishing*; co-organizer, Zoology Tea Talk seminar; OpenConCam member (since 2016); implemented Cambridge-wide *interview workshops*; co-organized two *Workshops* (2013 & 2014); organized *symposium* at Behaviour 2013
- Mentor:** Animal Behavior Collective (since 2022), Murray Edwards College at the University of Cambridge (since 2016)
- Invited member:** Max Planck Society Open Science Commission, Centre of Finnish Registered Reports Advisory Board Member (2023)