

David C. Lahti

Department of Biology, Queens College, City University of New York
65-30 Kissena Blvd, Flushing, NY 11367

Office (718) 997-3422 | Lab (718) 997-35192 | david.lahti@qc.cuny.edu | <http://davidlahti.net>

Associate Professor of Biology, Queens College, City University of New York, 2016-present
Doctoral Faculty in Psychology, The Graduate Center, City University of New York, 2013-present.
Doctoral Faculty in Biology, The Graduate Center, City University of New York, 2009-present.
Assistant Professor of Biology, Queens College, City University of New York, 2009-2016
NIH NRSA Postdoctoral Fellow, University of Massachusetts, Amherst, 2005-2008
Darwin Postdoctoral Fellow, University of Massachusetts, Amherst, 2003-2005

EDUCATION

Doctor of Philosophy (Ecology and Evolutionary Biology), University of Michigan, 2003. Dissertation: "Ecology and evolution of breeding adaptations in the village weaverbird *Ploceus cucullatus*".
Doctor of Philosophy (Moral Philosophy, Philosophy of Biology), Whitefield Institute at Oxford, U.K., 1998. Dissertation: "An appraisal of naturalism in contemporary meta-ethics".
Bachelor of Science (Biology, History), Gordon College, MA, 1993.

ACADEMIC AND ADMINISTRATIVE POSITIONS

Current positions:

- American Ornithological Society Elective Member, 2020-present.
- Queens College Biology Personnel and Budget Committee, 2020-present.
- Queens College Biology Graduate Advisor and Director of the Queens College Master's Program in Biology, 2017-present.
- Board of Directors, Thinking Animals United, 2016-present.
- Advisory Council, BioLogos Foundation, 2016-present.
- Queens College Graduate Advisory Committee, 2015-present.
- Faculty, New York Consortium in Evolutionary Primatology (NYCEP), 2015-present.
- Center for Computational Infrastructure for the Sciences, Queens College, 2014-present.
- Advisory Committee, Biology Doctoral Program (Ecology, Evolution and Behavior Subprogram), Graduate Center at the City University of New York 2011-present.
- Founder and Curator, Online Bibliography Of Environmental Thought, 2010-present.

Past positions:

- Queens College Dept. Biology Graduate Advisory Committee, 2018.
- Undergraduate Research Coordinator, Department of Biology, Queens College CUNY, 2009-2017.
- Board of Advisors, St. Andrews Fellows Program in Science and Religion, St. Andrews University, U.K., 2015-2018.
- Board of Advisors, National Speech and Debate Association, 2015-2017.
- CUNY Collaborative Incentive Research Grant Oversight Committee, 2015.
- Advisory Committee, Psychology Doctoral Program (Animal Behavior & Comparative Psychology Subprogram), Graduate Center at the City University of New York, 2014-2017.
- Institutional Animal Care and Use Committee, Queens College, 2012-2019.
- Board of Advisors, John Templeton Foundation, 2010-2015.
- Chair, NESCent Working Group on Relaxed Selection and Trait Loss in Evolution, 2007-2010.
- National Institutes of Health NRSA Postdoctoral Research Fellow, 2005-2008.
- Darwin Fellow, Univ. of Massachusetts Program in Organismic and Evolutionary Biology, 2003-2005.

- Visiting Scholar, University of Michigan Museum of Zoology, 2004-2007.
- Visiting Assistant Professor, Au Sable Institute of Environmental Studies, Mancelona MI, 2003-2004.
- Research Assistant, University of Michigan Genomic Diversity Laboratory, 2002.
- Curatorial Research Assistant, University of Michigan Museum of Zoology, Bird Division, 2000, 2001.

TEACHING

- Graduate Center, City University of New York, Assistant/Associate Professor, 2009-present
Behavior and Evolution (BIOL 72406)
Animal Behavior II (BIOL 72407 / PSYCH 71800)
- Queens College CUNY, Assistant/Associate Professor, 2009-present
Great Ideas in Science (MNS 113, team-taught)
Behavior and Evolution (BIOL 724.6)
Animal Behavior (BIOL 345W/685.4)
Ornithology (BIOL 386/723)
Advanced Topics in Evolutionary Biology (BIOL 794.1)
Principles of Evolution (BIOL 287/587)
Biodiversity: The Tree Of Life (BIOL385.4/685.4)
Biology Colloquium (BIOL381/791)
- University of Massachusetts, Postdoctoral Fellow, 2005, 2008, 2009
Evolution (BIO280)
Animal Behavior (BIO550)
Animal Communication (OEB697)
- University of Massachusetts, Darwin Fellow, 2003-2005
Experimental Studies of Adaptation (OEB697J)
Evolution (BIO280)
Biology and Social Issues (BIO105)
- Au Sable Institute of Environmental Studies, Visiting Assistant Professor, Summers 2003-2004
Ornithology (BIOL305)
Bioethics (BIOL/PHIL351)
- University of Michigan, Graduate Student Instructor, 1998-2002
Biology for Nonscientists (BIO/EEB100)
Introductory Biology (BIO/EEB162) (lab only)
Evolution (BIO/EEB390) (discussion only)
Behavioral Ecology (BIO/EEB492) (discussion only)
Ornithology (EEB/NRE433)
Independent Studies in Evolutionary Theory (BIO/EEB300)
Topics in Behavioral Ecology (BIO/EEB 800)

AWARDS, GRANTS, AND FELLOWSHIPS (PI in all cases except where noted)

External sources:

- National Science Foundation Postdoctoral Fellowship in Biology (1710792) (for Bobby Habig): “Pattern and process in the evolution of nest construction in *Ploceus* weaverbirds”, 2018-2020, \$207,000.
- John Templeton Foundation Planning Grant: “Towards a new synthesis for cultural evolution”, 2016-2018, \$89,000.
- American Philosophical Association Grant: “An enduring platform for the Online Bibliography of Environmental Thought”, 2015-2017, \$3000.

- Paul C. Munding Memorial Fund (donation from Dr. M. O. Munding): “Cultural evolution of house finch (*Haemorhous mexicanus*) song”, 2014-2018, \$29,000.
- National Science Foundation Grant (EF1137888): “Collaborative research: Multi-ancestor coalescent theory for cultural evolution” (Co-PI with Stefano Ghirlanda of Brooklyn College), 2011-2015, Lahti portion \$139,387.
- International Society for Environmental Ethics, funding for Online Bibliography of Environmental Thought, 2010-2013, \$3300.
- National Evolutionary Synthesis Center Working Group, 2007-2010

City University of New York sources:

- Professional Staff Congress – City University of New York Award: “Disciplinary integration in the science of cultural evolution”, 2020-2021, \$5984.
- Queens College Research Enhancement Award: “The neural basis and spatiotemporal dynamics of female preferences for male bird song (Co-PI with Dr. Carolyn Pytte of Queens College Psychology), 2017, \$6000.
- Professional Staff Congress – City University of New York Award: “The ecology of cultural evolution: a test using bird song”, 2016-2017, \$6000.
- Professional Staff Congress – City University of New York Award: “Evolution and social behavior in a globally invasive mammal”, 2014-2015, \$5710.
- Queens College Research Enhancement Award: “Advancing a quantitative and computational approach in cultural evolution”, 2014-2015, \$3000
- City University of New York Collaborative Incentive Research Grant (Lead PI; Co-PI Stefano Ghirlanda of Brooklyn College): 2014-2016, Lahti portion \$28,943.
- Queens College Undergraduate Research/Mentoring Education Grant: “Analysis of vocal development to distinguish nature and nurture”, 2012, \$2300.
- Queens College Research Enhancement Award: “Parasite-host coevolution between weaverbirds and cuckoos”, 2011-2012, \$5450.
- Queens College Research Enhancement Award: “Graduate student support: evolution of invasive species”, 2011, \$8800
- Professional Staff Congress – City University of New York Award: “Uncovering the deep history of a coevolutionary interaction”, 2010, \$5500

EDITING AND PEER REVIEW SERVICES

Reviewer for Journals: *American Naturalist*, *Animal Behaviour*, *Animal Conservation*, *Auk*, *Australasian Journal of Philosophy*, *Behavioral Ecology*, *Behavioral Ecology and Sociobiology*, *Behaviour*, *Biodiversity and Conservation*, *Biological Conservation*, *Biological Journal of the Linnean Society*, *Biology Letters*, *Canadian Journal of Zoology*, *Condor*, *Ecology Letters*, *Ecoscience*, *Ethology*, *Evolution*, *Evolutionary Ecology*, *Evolutionary Ecology Research*, *Faculty of 1000 Research*, *Global Change Biology*, *Ibis*, *Journal of Animal Ecology*, *Journal of Avian Biology*, *Journal of Evolutionary Biology*, *Journal of Field Ornithology*, *Journal of Ornithology*, *Journal of the American Academy of Religion*, *Journal of Zoology*, *Landscape Ecology*, *Nature*, *Nature Communications*, *Nature Ecology & Evolution*, *Oikos*, *Perspectives on Science and Christian Faith*, *PLoS One*, *Proceedings of the National Academy of Sciences of the U. S. A.*, *Proceedings of the Royal Society of London B*, *Science*, *Science & Christian Belief*, *Wildlife Research*, *Wildlife Society Bulletin*, *Wilson Journal of Ornithology*

Reviewer of Academic Books: Bloomsbury, Cambridge University Press, Cold Spring Harbor Press, , John Wiley & Sons, Lynx Edicions, Oxford University Press, Rodopi/Brill, Sinauer Associates, W. H. Freeman, Yale University Press.

Reviewer for Granting Organizations: American Philosophical Society, Animal Behavior Society, Biotechnology and Biological Sciences Research Council (U.K.), Explorers Club, John Templeton Foundation, National Environmental Research Council (U.K.), National Geographic Society, National Science Foundation, Netherlands Organisation for Scientific Research, Research Foundation of the City University of New York

Reviewer for Tenure/Promotion/Honors:

Cambridge University, U.S. National Academy of Sciences, University of Massachusetts

Associate Editor: *Auk: Ornithological Advances* (2013-present)

Guest Editor: *Evolution and Human Behavior* (vol. 26, iss. 1, 2005)

ADVISING

Postdoctoral Researchers:

- Dr. Bobby Habig (2017-present), PhD University of Notre Dame
- Dr. Andrew F. Richards (2015-present), PhD University of Michigan

Doctoral Students Supervised:

- Danielle Wasserman, Ph.D. (in progress), Doctoral Program in Biology, Graduate Center, CUNY.
- Mason Youngblood, Ph.D. (in progress), Doctoral Program in Psychology, Graduate Center, CUNY.
- Frances Geller, Ph.D. (in progress), Doctoral Program in Biology, Graduate Center, CUNY.
- Daniel Mann, Ph.D. 2019. Program in Linguistics, CUNY. Dissertation: *Stabilizing Forces in Acoustic Cultural Evolution: Comparing Humans and Birds*. (Coadvised; Chair Prof. Juliette Blevins).
- M. Aaron Owen, Ph.D. 2017, Doctoral Program in Biology, Graduate Center, CUNY. Dissertation: *Sexual Selection and Rapid Evolution in an Introduced Mammal*.
- Chenghui Ju, Ph.D. 2015. Doctoral Program in Biology, Graduate Center, CUNY. Dissertation: *Cultural Evolution in Natural Populations: A Quantitative Bioacoustic Analysis*.
- Elliot Aguilar, Ph.D. 2015. Doctoral Program in Biology, Graduate Center, CUNY. Dissertation: *Models and Methods in Social and Cultural Evolution*.

Masters Students Supervised (current and completed only):

- Angelinna Bradfield, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Andrea Lopez, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Shari Zimmerman, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Catalina Isaura Tapia, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Maleha Mahmud, M.A. (in progress), Dept. Biology, Queens College CUNY (lab manager, 2019-present).
- Ritika Nath, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Salvatore Asaro, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Jacqueline Milander, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Wendy Castillo, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Amanda Goldstein, M.A. 2021. Dept. Biology, Queens College CUNY. Thesis: “Predictors of avian diversity along the Bronx River”.
- Macarena Gomezde la Torre Clavel, M.A. 2020. Dept. Biology, Queens College CUNY. Thesis: “Relationship between personality and cognitive traits in domestic rabbits (*Oryctolagus cuniculus*)”.
- Cristina Morales, M.A. 2020. Dept. Biology, Queens College CUNY. Literature review: “A review of teaching in human and nonhuman animals”.
- Eric Roginek, M.A. 2018. Dept. Biology, Queens College CUNY. Thesis: “Spatial variation of house finch (*Haemorrhous mexicanus*) song along the American southwest coast”.

- Christian Van Deurs, M.A. 2017. Dept. Biology, Queens College CUNY. Literature review: “Cultural evolution in mammals”.
- Johanna Navarro, M.A. 2015. Dept. Biology, Queens College CUNY. Thesis: “Studies of environmental and evolutionary changes in bird egg color”.

Undergraduate Students Supervised (current and graduated Lahti Lab research students only):

- Ratna Kanhai, B.A. (in progress), Dept. Biology, Queens College CUNY.
- Joderick Castillo, B.A. (in progress), Dept. Biology, Queens College CUNY.
- Angelinna Bradfield, B.A. 2020. Honors Program in Mathematics and Natural Sciences, Queens College CUNY.
- Andrea Lopez, B.A. 2020. Dept. Biology, Queens College CUNY.
- Shari Zimmerman, second B.A. 2020. Dept. Biology, Queens College CUNY.
- Arya Hawkins-Zafarnia, B.A. 2020. Dept. Biology, Queens College CUNY.
- Ritika Nath, B. A. 2019. Dept. Biology, Queens College CUNY.
- Oditi Debi, B.A. 2019. Dept. Psychology, Queens College CUNY.
- Ar Kornreich, B.A. 2019. Honors Program in Mathematics and Natural Sciences, Queens College CUNY. Thesis: “Female song can be as long and complex as male song in wild house finches (*Haemorhous mexicanus*)”
- Susan Yin, second B.A. 2018. Dept. Biology, Queens College CUNY.
- Anne Harrison, B.A. 2018. Dept. Biology, Queens College CUNY.
- Mark Megerian, B.A. 2017. Dept. Biology, Queens College CUNY.
- Harsangeet Gill, B.A. 2017. Dept. Biology, Queens College CUNY.
- Michelle Mordukhaev, B.A. 2017. Dept. Biology, Queens College CUNY (lab manager, 2017-2019).
- Amanda Goldstein, B.A. 2017, Dept. Biology, Queens College CUNY.
- Giulietta Coppola, B.A. 2016, Dept. Biology, Queens College CUNY.
- Tashi Chosum, B.A. 2016, Dept. Biology, Queens College CUNY.
- Teresa Wu, B.A. 2016, Dept. Computer Science, Queens College CUNY.
- Anna McPherran, B.A. 2016, Honors Program in Mathematics and Natural Sciences, Queens College CUNY. Thesis: “Possible effects of anthropogenic noise and land use on house finch songs in California.”
- Daniele De Leone, B.A. 2016, CUNY BA for Unique and Interdisciplinary Studies.
- Cheyenne Ganesh, B.A. 2015, Honors Program in Mathematics and Natural Sciences, Queens College CUNY. Thesis: “Nature and nurture in song development: a case study on swamp sparrows (*Melospiza georgiana*)”.
- Charles Maniego, B.A. 2015, Honors Program in Mathematics and Natural Sciences, Queens College CUNY. Thesis: “Cultural mutation and variation in house finch (*Haemorhous mexicanus*) song”.
- Joseph Arbelaez, B.A. 2014, Dept. Biology, Queens College CUNY.
- Julieana Steiner, B.A. 2014, Dept. Biology, Queens College CUNY.
- Ester Yuabova, B.A. 2013, Dept. Biology, Queens College CUNY.
- Lauren Adragna, B.A. 2013, Dept. Biology, Queens College CUNY.
- Simon Lee, B.A. 2013, Dept. Biology, Queens College CUNY.
- Nardai Mootoo, B.A. 2012, Dept. Anthropology, Queens College CUNY.
- Robert Habig, second B.A. 2012, Dept. Biology, Queens College CUNY.
- Maureen (Pereyra) Banach, B.A. 2012, Dept. Biology, Queens College CUNY.
- Sharon Slomovich, B. A., 2011, Dept. Biology, Queens College CUNY.
- Seema Choudhary, B.A., 2011, Dept. Anthropology, Queens College CUNY. Honors Thesis: “Ethnobotany of Janjangbureh Island, The Gambia, West Africa”.

- Stephanie Kandasami, B.A., 2011, Dept. Biology, Queens College CUNY. Honors Thesis: “A comparative study of the moral prohibitions of the Wolof and Bambara peoples of West Africa”.
- Khaleda Khan, B.A., 2011, Dept. Biology, Queens College CUNY. Honors Thesis: “Mate attraction dominates the behavior of a colonially breeding bird” (lab manager, 2011-2017).
- John McEachern, B.S., 2008, Dept. Biology, University of Massachusetts.
- Stephanie Wallace, B.S. Honors, 2007, Dept. Biology, University of Massachusetts.
- Lindsay Cook, B.S., 2006, Dept. Biology, University of Massachusetts.
- Timothy Whitman, B.S. Honors, 2005, Depts. Biology and Economics, University of Massachusetts. Thesis: “Applying game theory to the evolution of cooperation”.

Other Research Students and Interns (Dept. Biology, Queens College CUNY except where noted):

- Graduate students: Rita Monfort (2009-2011, coadvised); Rose Chin-Hong (2010-2012); Nardai Mootoo (2010-2012); Jacquelyn Song (2011-2013); Gianna McArthur (2011-present); Alison Bromberg Powell (2012-2014); Olivia Ferrari (2013, University College London); Genesis Zuleta (2013-2015, Hollins University); Sara Paccione (2013-present); Ronveer Chakraborty (2015-2017); Daniel Mann (2015-2018), CUNY PhD program in Linguistics); Ruthba Anam (2016-2017); Jonathan Goodman (2016-2018); Charles Maniego (2015-2018); Natasza Fontaine (2016-2018); Charles Maniego (2015-2018); Khaleda Khan (2011-2017, lab manager); Daisy Cheung (2018-2019); Michelle Mordukhaev (2016-2019, lab manager).
- Undergraduates: Beata Rozbicka (2009-2010); Dov Rosenbaum (2010); Sarah Leibowitz (2010); Omar Qureshi (2010); Annakarina Marinos (2010-2011); Kailin Quo (2011); Stephanie Dunn (2011, Bard College); Shuaib Uddin (2012); Lizbeth Vazquez (2012-present); Trisha Guduru (2013); Ivana Bharat (2013-2014); Jackie Robins (2014, SUNY Binghamton); Melakhem Davidov (2014); Shani Schreiber (2014-2015); Abudoula Nulumu (2014-2015); Shivangi Maini (2014-2015); Nikki Hanson (2014-2015); Melissa Ortega (2018-2019); Sachin Surendra (2019); Sheila Gogiyeni (2019); Patricia Umana (2019)

Graduate Committee Membership:

- Samantha Monier, Ph.D. (in progress), Program in Biology, CUNY. Chair Prof. Richard Veit.
- Carly Batist, Ph.D. (in progress), Program in Anthropology, CUNY. Chair Prof. Andrea Baden.
- Moises Rivera, Ph.D. (in progress), Program in Psychology, CUNY. Chair Ofer Tchernichovski.
- Jasmin Alim, M.A. (in progress), Dept. Biology, Queens College, CUNY. Chair Prof. Mitchell Baker.
- Irene Hoxie, Ph.D. (in progress), Program in Biology, CUNY. Chair Prof. John Dennehy.
- Alexis Brewer, Ph.D. (in progress), Program in Biology, CUNY. Chair Prof. José Anadón.
- Aishwarya Bhattacharjee, Ph.D. (in progress), Program in Biology, CUNY. Chair Prof. José Anadón.
- Jennifer Savoie, Ph.D. (in progress), Program in Psychology, CUNY. Chair Prof. Andrew Delamater.
- Alexis Amann, Ph.D. (in progress), Program in Anthropology, CUNY. Chair Prof. Larissa Swedell.
- Frieda Benun Sutton, Ph.D. 2019. Program in Biology, CUNY. Dissertation: *The Evolution of Reproductive Complexity in Fishes*. Chair Prof. Tony Wilson.
- Coby Klein, Ph.D. 2019. Program in Biology, CUNY. Dissertation: *The Evolution of Spinosad Resistance in Colorado Potato Beetles (Leptinotarsa decemlineata)*. Chair Prof. Mitchell Baker.
- Thomas Manna, Ph.D. 2019. Program in Psychology, CUNY. Dissertation: *Cognitive Models of Defense Behaviors in Hosts of Brood Parasites*. Co-Chairs Prof. Mark Hauber and Prof. Ofer Tchernichovski.
- Kaung Myat San, M.A. 2019. Dept. Biology, Queens College, CUNY. Research Thesis: “The

impact of urbanization on soil bacterial diversity and community composition in Long Island, New York.” Chair Prof. John Dennehy.

- Maria Roe, M.A. 2018. Dept. Biology, Queens College, CUNY. Research Thesis: "Survivorship of New York City's diamondback terrapins: determining impacts on survival of nesting females in Jamaica Bay, NY". Chair Prof. José Anadón.
- Olivia Piñeiro, M.A. 2018. Dept. Biology, Queens College, CUNY. Research Thesis: “Structure of the fish community of Jamaica Bay in space and time”. Co-Chairs Prof. José Anadón and Prof. John Waldman.
- Marlén Acosta Alamo, M.A. 2018. Dept. Biology, Queens College, CUNY. Research Thesis: “Impact of climate change on local tree species richness in Mexico”. Chair Prof. José Anadón.
- Shahrina Chowdhury, Ph.D. 2018. Program in Anthropology, CUNY. Dissertation: *Stress and Sociality in Female Chacma Baboons (Papio ursinus) in the Cape Peninsula of South Africa: Behavioral Flexibility and Coping Mechanisms*. Chair Prof. Larissa Swedell.
- Maritza Rodríguez Cardeñas, M.A. 2017. Dept. Biology, Queens College, CUNY. Chair Prof. John Waldman.
- Iva Ljubicic, Ph.D. 2017. Program in Biology, CUNY. Dissertation: *Social Influences on Songbird Behavior: From Song Learning to Motion Coordination*. Chair Prof. Ofer Tchernichovski.
- Katie Sheridan, M.A. 2017. Dept. Biology, Queens College, CUNY. Research thesis: “Habitat use of a population of primarily forest-dwelling brown teal, pateke (*Anas chlorotis*). Chair Prof. John Waldman.
- Laurin Larian, M.A. 2017. Dept. Biology, Queens College, CUNY. Chair Prof. Nathalia Holtzman.
- Shuk Tsoi, Ph.D. 2016. Program in Neuropsychology, CUNY. Dissertation: *Adult Neurogenesis in Avian Auditory Cortex, Caudomedial Nidopallium (NCM): Lateralization and Effects of Statins*. Chair Prof. Carolyn Pytte.
- Alec Luro, M.A. 2016. Program in Animal Behavior, Hunter College, CUNY. Research Thesis: “An investigation of the nest sanitation hypothesis for the evolution of foreign egg rejection in brood parasite hosts”. Chair Prof. Mark Hauber.
- Iliana Medina, Ph.D. 2015. Program in Evolution, Ecology and Genetics, Research School of Biology, Australian National University. Dissertation: *Macroevolutionary Outcomes of Coevolution Between Avian Brood Parasites and Their Hosts*. Chair Prof. Naomi Langmore.
- Gregory Barord, Ph.D. 2015. Program in Biology, CUNY. Dissertation: *On the Biology, Behavior, and Conservation of the Chambered Nautilus, Nautilus sp.*”. Chair Prof. Jenny Basil.
- Maria Palacios, M.A. 2015. Dept. Biology, Queens College, CUNY. Chair Prof. Mitchell Baker.
- Heather Spence, Ph.D. 2015. Program in Psychology, CUNY. Dissertation: *The Importance of Bioacoustics for Dolphin Welfare: Soundscape Characterization with Implications for Management*. Chair Prof. Martin Chodorow.
- Xenia Freilich, Ph.D. 2015. Program in Biology, CUNY. Dissertation: *Diversity and Phylogeography of Anurans of the Highlands of Ethiopia*. Chair Prof. Stéphane Boissinot.
- Carlos Romero, M.A. 2015. Dept. Biology, Queens College, CUNY. Chair Prof. Alicia Meléndez.
- Kristen Ho, M.A. 2014. Dept. Biology, Queens College, CUNY. Chair Prof. John Waldman.
- Beki Croston, Ph.D. 2013. Program in Biology, CUNY. Dissertation: *Testing Assumptions of Coevolution in an Egg-Rejecting Brood Parasite Host: Uncovering Sensory, Cognitive, and Evolutionary Drivers of Responses to Parasitism in American Robins (Turdus migratorius)*. Chair Prof. Mark Hauber.
- Karyn Collie, Ph.D. 2013. Program in Biology, CUNY. Dissertation: *Sibling Egg Cannibalism by Neonates of the Colorado Potato Beetle, Leptinotarsa decemlineata*. Chair Prof. Mitchell Baker.
- Dana Moseley, Ph.D. 2013. Program in Organismic and Evolutionary Biology, University of Massachusetts. Dissertation: *Vocal Performance in Songbirds: Territorial Defense and the*

- Development of Male Song and Female Mating Preferences*. Chair Prof. Jeff Podos.
- James Haven, Ph.D. 2010. Program in Biology, CUNY. Dissertation: *Evolutionary Analyses on the Core Genome of Borrelia burgdorferi sensu lato: Elucidating the Genomics of Virulence*. Chair Prof. Weigang Qiu.
 - Daniel Hanley, Ph.D., 2010. Dept. Biological Science, University of Windsor. Dissertation: *The Function and Evolution of Egg Colouration in Birds*. Chair Prof. Stéphanie Doucet.
 - Carol Henger, M.A., 2010. Dept. Psychology, Hunter College CUNY. Research Thesis: “Applying Electronic Data-Logging Technology to Measure Anti-Parasitic Behaviors of the Red-Winged Blackbird (*Agelaius phoeniceus*)”, Chair Prof. Mark Hauber.
 - Wassem Moarsi, M.A., 2010. Dept. Biology, Queens College CUNY. Research Thesis: “Development of Resistance to Imidacloprid and Spinosad in the Colorado Potato Beetle (*Leptinotarsa decemlineata*) and Cross-Resistance Patterns”, Chair Prof. Mitchell Baker.
 - Alex Sarch, Ph.D., 2009. Dept. Philosophy, University of Massachusetts. Dissertation: *Theories of Well-being*. Chair Prof. Fred Feldman.
 - Ana Gabela, M.S., 2007. Program in Organismic and Evolutionary Biology, University of Massachusetts. Research Thesis: “Population structure and philopatry in Darwin’s finches”, Chair Prof. Jeff Podos.

PROFESSIONAL PUBLICATIONS

Peer-reviewed Journal Articles:

1. Owen, M. Aaron & David C. Lahti. 2020. Rapid evolution by sexual selection in a wild, invasive mammal. *Evolution* **74**:740-748.
2. Mann, Dan C., David C. Lahti, Laura Waddick, & Paul C. Munding. 2020. House finches learn canary trills. *Bioacoustics*, DOI: 10.1080/09524622.2020.1718551
3. Khan, Khaleda, Bobby Habig, & David C. Lahti. 2019. Behavioural analysis of village weavers *Ploceus cucullatus* in an Ethiopian breeding colony during early incubation: 2. Males. *Ostrich: Journal of African Ornithology* **90**:233-239.
4. Habig, Bobby, K. Khan, & David C. Lahti. 2019. Behavioural analysis of village weavers *Ploceus cucullatus* in an Ethiopian breeding colony during early incubation: 1. Females. *Ostrich: Journal of African Ornithology* **90**:223-231.
5. Ju, Chenghui, Frances C. Geller, Paul C. Munding, & David C. Lahti. 2019. Four decades of cultural evolution in house finch songs. *Auk: Ornithological Advances* **136**:1-18.
6. Youngblood, Mason P. & David C. Lahti. 2018. A bibliometric analysis of the interdisciplinary field of cultural evolution. *Palgrave Communications* **4**:120, 1-9.
7. Habig, Bobby, Patrick I. Chiyo, & David C. Lahti. 2017. Male risk-taking is related to number of mates in a polygynous bird. *Behavioral Ecology* **28**:541-548.
8. Podos, Jeff, Dana L. Moseley, Sarah E. Goodwin, Jesse McClure, Benjamin N. Taft, Amy V. H. Strauss, Christine Rega-Brodsky, & David C. Lahti. 2016. A fine-scale, broadly-applicable index of vocal performance: frequency excursion. *Animal Behaviour* **116**:203-212.
9. Lahti, David C. & Daniel R. Ardia. 2016. Shedding light on bird egg color: pigment as parasol and the dark car effect. *American Naturalist* **187**: 547-563.
10. Owen, M. Aaron & David C. Lahti. 2015. Sexual dimorphism and condition dependence in the anal pad of the small Indian mongoose (*Herpestes auropunctatus*). *Canadian Journal of Zoology* **93**:397-402.
11. Lahti, David C. 2015. The limits of artificial stimuli in behavioral research: the umwelt gamble. *Ethology* **121**:529-537.
12. Habig, Bobby & David C. Lahti. 2014. Heterospecific intrusions, synchronous fleeing, and nest attendance in a weaverbird colony. *Journal of Ornithology* **156**:551-555.

13. Navarro, Johanna Y. & David C. Lahti. 2014. Light dulls and darkens bird eggs. *PLoS One* **9**:e116112.
14. Mundinger, Paul C. & David C. Lahti. 2014. The quantitative integration of genetic factors in the learning and production of canary song. *Proceedings of the Royal Society of London B* **281**:20132631.
15. Lahti, David C. 2013. The sociality of nesting in Rüppell's Weaver (*Ploceus galbula*) and the Lesser Masked Weaver (*P. intermedius*) in an Ethiopian acacia woodland. *Ostrich: Journal of African Ornithology* **84**:1-4.
16. Moseley, Dana L., David C. Lahti, & Jeff Podos. 2013. Responses to song playback vary with vocal performance of both signal senders and receivers. *Proceedings of the Royal Society of London B* **280**: 20131401.
17. Johnson, Norman A., David C. Lahti, & Daniel T. Blumstein. 2012. Combating the assumption of evolutionary progress: lessons from the decay and loss of traits. *Evolution: Education & Outreach* **5**:128-138.
18. Lahti, David C., Dana L. Moseley, & Jeff Podos. 2011. A performance-accuracy tradeoff in bird song learning. *Ethology* **117**:1-10.
19. Lahti, David C. 2011. Why humans discover. *Euresis Journal* **1**:75-89.
20. Podos, Jeff, David C. Lahti, & Dana L. Moseley. 2009. Vocal performance and sensorimotor learning in songbirds. *Advances in the Study of Behavior* **40**:159-195.
21. Lahti, David C. 2009. Why we have been unable to generalize about bird nest predation. *Animal Conservation* **12**: 279-281.
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33. Lahti, David C. 2001. The 'edge effect on nest predation' hypothesis after 20 years. *Biological Conservation* **99**: 365-374.

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35. Lahti, David C. 2019. Tracking cultural evolution in house finch song. *AOS* (American Ornithological Society) *News*. Part I: 21 February; Part II: 22 February.
36. Summers, Kyle, David C. Lahti, Stan Braude, Beverly Strassmann, & Joan Strassmann. 2019. Obituary: The nine lives of Richard D. Alexander. *Evolution & Human Behavior* **40**:133-139.
37. Lahti, David C. 2018. Evolution doesn't eliminate, it illuminates: a comment for Dr. Shoppa of St. Francis College. *ASEBL Journal* **18**:7-10.
38. Lahti, David C. 2018. Behavior. *Inference: International Review of Science* **3**(4).
39. Ju, Chenghui & David C. Lahti. 2017. Review of Tim Burkhead, *The Most Perfect Thing: Inside (and Outside) a Bird's Egg*. *Auk: Ornithological Advances* **134**:922-924.
40. Lahti, David C. 2016. An ambivalent amphibian. *Inference: International Review of Science* **2**(4).
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50. Lahti, David C. 2009. The place where extinction was discovered (A review of *Lost Land of the Dodo* by Anthony Cheke & Julian Hume). *Journal of Field Ornithology* **80**:438-442.
51. Podos, Jeff & David C. Lahti. 2009. Bird radiations. In R. Gillespie & D. Clague (eds.), *Encyclopedia of Islands*. Berkeley: University of California Press, pp. 105-111.
52. Lahti, David C. 2007. Bird song and human speech. In M. Bekoff (ed.), *Encyclopedia of Human-Animal Relationships*. Westport, CT: Greenwood Publishing Group, pp. 228-232.
53. Lahti, David C. 2007. Similarities in vocal learning between humans and other animals. In M. Bekoff (ed.), *Encyclopedia of Human-Animal Relationships*. Westport, CT: Greenwood Publishing Group, pp. 248-252.
54. Lahti, David C. 2007. Human impacts on birds. In M. Bekoff (ed.), *Encyclopedia of Human-Animal Relationships*. Westport, CT: Greenwood Publishing Group, pp. 1085-1087.
55. Lahti, David C. 2007. Birds as symbols in human culture. In M. Bekoff (ed.), *Encyclopedia of Human-Animal Relationships*. Westport, CT: Greenwood Publishing Group, pp. 451-458.
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57. Lahti, David C. 2004. "You have heard... but I tell you...": a test of the adaptive significance of moral evolution. In P. Clayton & J. Schloss (eds.) *Evolution and Ethics*. Grand Rapids, MI: Eerdmans, pp.132-150.

Books:

58. Lahti, David C. 2003. *Ecology and Evolution of Breeding Adaptations in the Village Weaverbird Ploceus cucullatus*. Ph.D Dissertation, Ecology and Evolutionary Biology, University of Michigan. 211+xiii pp.
59. Lahti, David C. 1998. *An Appraisal of Ethical Naturalism*. Ph.D. Dissertation, Moral Philosophy, Whitefield Institute Oxford. 242+viii pp.
60. Lahti, David C. 1995. *The Edward Payson Vining Collection: A Guide to Literature Dealing with the American Indian*. Wenham, MA: Gordon College. 424+xxxiii pp.

SOFTWARE

- San, Y., Hanson, N., J. Y. Wu, T. Crupi, & David C. Lahti. 2018. *Online Bibliography of Environmental Thought* (MongoLabs Platform). International Society for Environmental Ethics / American Philosophical Association / Queens College Center for Computational Infrastructure for the Sciences. [beta]
- Ju, Chenghui & David C. Lahti. 2014. *FinchCatcher*: a pipeline for the automated detection, quantitative analysis, and comparative study of natural sounds recorded amid ambient noise. Queens College, CUNY.

WEB AUTHORING

- David C. Lahti – <http://davidlahti.net>
- Lahti Lab – <http://lahtilab.org>
- Biology Department, Queens College, City University of New York – <http://biology.qc.cuny.edu>
- The Ideas of Richard D. Alexander - <http://richarddalexander.com>
- Online Bibliography of Environmental Thought – <http://www.isee-obet.org>

PROFESSIONAL PRESENTATIONS (last 5 years; *invited)

- *Augustine Collective Conference. Cambridge, MA. Presentations and leading workshops. January 2020.
 - *Conservations on Human Identity and Personhood, BioLogos Foundation, Santa Barbara, CA. Workshop participant. December 2019.
 - *Carnegie Mellon University, Pittsburgh, PA. "We Evolved: Now What About Faith?". Presentation and debate with Dr. Andrew Norman. November 2019.
 - *Faculty Pipeline Gathering, The Veritas Forum, San Jose, CA. Workshop participant. October 2019.
 - *Oxford University, Lady Margaret Hall, Oxford, U.K. "Can Christian Values Survive Evolutionary Analysis?" and "The Extended Evolutionary Synthesis: Should We Care Theologically/Philosophically?"
- Lectures and mentoring sessions. Bridging the Two Cultures of Science and the Humanities seminar II, SCIO. July 2019.
- *Mahopac High School, Mahopac, NY. Presentations to Mr. Michael Mahoney's biology classes. June 2019.
 - *Stevens Institute of Technology, Hoboken, NJ. "The body and the mind/soul". Presentation and debate with Mr. John Horgan. April 2019.
 - *Columbia University, New York, NY. "Ethics in a Darwinian world? Two perspectives on the good life." Presentation and debate with Dr. Philip Kitcher (Faculty Roundtable). April 2019.

- *BioLogos Foundation, Baltimore, MD. Workshop Organizer. March 2019.
- *Harvard University, Cambridge, MA. “What makes humans special?” Presentation and debate with Dr. Andrew Berry. Veritas Forum. March 2019.
- *Conservations on Human Identity and Personhood, BioLogos Foundation, Atlanta, GA. Workshop participant. March 2019.
- *Columbia University, Faculty Roundtable. New York, NY. Facilitator. (David Z. Albert and Elise Crull: “A conversation about physics, philosophy, and religion”). February 2019.
- *John Templeton Foundation, Scarsdale, NY. Video Interview. January 2019.
- *Hunter College Department of Chemistry, City University of New York, NY. "Why are robin eggs blue?" November 2018.
- *The Veritas Forum, Cambridge, MA. Video Interview. October 2018.
- *Cognition and Comparative Psychology Colloquium, The Graduate Center of the City University of New York, NY. "Why are robin eggs blue?". October 2018.
- *New Jersey Institute of Technology, Newark, NJ. "Evolution and God?" April 2018.
- *Columbia University, Faculty Roundtable. New York, NY. Facilitator. (Kenneth Miller: “The human instinct”). April 2018.
- *Ohio State University, Columbus, OH. "Science, religion, and democracy". Presentation and debate with Dr. Philip Kitcher. April 2018.
- *Columbia University, Faculty Roundtable. New York, NY. Facilitator. March 2018.
- *John Templeton Foundation, 5-Year Strategic Planning Meeting, Antigua, Guatemala. Participant. March 2018.
- *Rider University, Lawrence Township, NJ, hosted by the Rider Philosophy Club. “Do we have purpose?”, and debate. November 2017.
- *Brooklyn College Department of Psychology, New York. “The anthropology and behavioral ecology of our moral nature.” November 2017.
- *Massachusetts Institute of Technology, Cambridge, MA. “Faith and evolution”. July 2017.
- *Gordon College Department of Biology, Wenham, MA. “Why robin eggs are blue and other news from the bird nest.” June 2017.
- *NYC Moral Sense Symposium III, St. Francis College, New York. Plenary Address: “Celebrating 45 years of giving professional moralists the heebie-jeebies”. June 2017.
- *John Templeton Foundation, 5-Year Strategic Planning Meeting, Antigua, Guatemala. Participant. March 2017.
- *New York University Department of Anthropology, New York. “Origins of evolutionary biology”, and class discussion. March 2017.
- *Fordham University Department of Biology, New York. “Interplay of nature and nurture in the evolution of bird song”. December 2016.
- *Cambridge University, Faraday Institute Summer Course, Cambridge, U.K. “Evolution & Moral Freedom”, and panel discussion. July 2016.
- *Cambridge University, Faraday Institute Summer Course, Cambridge, U.K. “Biology & Personhood”, and panel discussion. July 2016.
- *Oxford University, Lady Margaret Hall, Oxford, U.K. “Can moral values survive evolutionary analysis?”. July 2016.
- CUNY Graduate Center Ecology & Evolutionary Biology Symposium, New York. “Why are robin eggs blue?”. February 2016.
- Queens College Biology Department Symposium, New York. “Why are robin eggs blue?”. January 2016.
- *CUNY Graduate Center Philosophy Department, New York. “Relationship counseling for natural and moral philosophy.” November 2014.
- *Gordon College Herrmann Lectures, Wenham, MA. “Is life going anywhere? Biology, randomness, and purpose”, respondent. November 2014.

- International Society for Behavioral Ecology biennial meeting, CUNY, New York. “Macroevolution of responses to brood parasitism in weavers: one or multiple trajectories?” August 2014.
- Joint Meeting of the Wilson Ornithological Society and the Association of Field Ornithologists, Salve Regina University, Newport, RI. “Egg variation and defenses against brood parasitism in Rüppell’s weaver.” May 2014.
- *University of Massachusetts Organismic and Evolutionary Biology Program 20th Anniversary Symposium, Amherst, MA. “Spontaneous generation of laboratory culture.” April 2014.
- Northeast Evolutionary Psychology Society Annual Meeting, SUNY New Paltz, NY. “Relationship counseling for evolutionary psychology and philosophy.” April 2014.
- *Moral Sense Colloquium, St. Francis College, New York. “Morality and its relationship to human evolution,” respondent and panelist. March 2014.
- *Columbia University Seminar in Population Biology, New York. “Social learning is biased: evidence from sparrows and canaries.” March 2014.

ADDENDUM: GRANTS AND AWARDS TO LAB MEMBERS
(only entries of \$1000 or more are listed)

External sources

- Maleha Mahmud^M: Merlyn Climate Grant, 2019, \$1400
- Danielle Wasserman^D: John S. Hilson Family Fund, 2016-2020, \$20,000
- M. Aaron Owen^D: Sigma Xi Grant In Aid Of Research, 2015, \$1000
- M. Aaron Owen^D: American Society of Mammalogists Grant in Aid of Research, 2015, \$1500
- Elliot Aguilar^D: American-Scandinavian Foundation Research Grant, 2015, \$5000
- Chenghui Ju^D: Animal Behavior Society Student Research Grant, 2014, \$1300
- M. Aaron Owen^D: Fulbright Research Fellowship – India (Fulbright-Nehru Fellowship), 2013-2014, \$18,000
- M. Aaron Owen^D: Sigma Xi Grant In Aid Of Research, 2013, \$1000
- Elliot Aguilar^D: National Science Foundation / Swedish Research Council, Nordic Research Opportunities Fellowship. 2012-2014, \$25000
- Stephanie Kandasami^U, Cornell Traveler’s Summer Research Fellowship, 2011, \$1400
- Elliot Aguilar^D: National Science Foundation, Graduate STEM Fellowship in K-12 Education, 2011-2015, \$30,000
- Elliot Aguilar^D: National Science Foundation, Graduate Research Fellowship, 2011-2015, \$92,000
- Elliot Aguilar^D: Santa Fe Institute Complex System Science Scholarship, 2011, \$1000

City University of New York sources

- Mason Youngblood^D: CUNY Doctoral Student Research Grant, 2018, \$1000
- M. Aaron Owen^D: CUNY Graduate Center Dissertation Fellowship, 2015-2016, \$22,000
- M. Aaron Owen^D: CUNY Graduate Center Doctoral Student Research Grant, 2015, \$1500
- Chenghui Ju^D: CUNY Graduate Center Doctoral Student Research Grant, 2014, \$1040