

ROBERT L. CURRY

Department of Biology
Villanova University
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Education:

The University of Michigan, Ann Arbor, Michigan

- 1987 Ph.D. (Biological Sciences) Dissertation Committee Co-Chairs: Peter R. Grant, Robert B. Payne
Dissertation: Evolution and Ecology of Cooperative Breeding in Galápagos Mockingbirds (*Nesomimus* spp.)
1981 M.S. (Biological Sciences)

Dartmouth College, Hanover, New Hampshire

- 1979 A.B. *cum laude*; Major, with Distinction, in Biological Sciences

Professional Positions:

- 2007-present Professor, Department of Biology, Villanova University
2001-2007 Associate Professor, Department of Biology, Villanova University
1991-2001 Assistant Professor, Department of Biology, Villanova University
1989-90 Post-doctoral Research Associate, Archbold Biological Station (ABS)
1987 Lecturer, Department of Biology, The University of Michigan
1987 Research Investigator, Museum of Zoology, The University of Michigan
1979-86 Graduate Teaching Assistant, Division of Biology, The University of Michigan

Honors, and Awards:

- 2019 Margaret Morse Nice Medal, Wilson Ornithological Society
2019 Outstanding Faculty Mentor Teaching Award, Villanova University
2015 Earl Poole Award, Pennsylvania Society for Ornithology
2000 Fellow (elected), American Ornithologists' Union
1994 Elective Membership, American Ornithologists' Union
1991 Full Membership, Sigma Xi-The Scientific Research Honor Society (Villanova University Chapter)

Grants:

- 2019 Faculty Summer Research Grant, Villanova University
2015 Faculty Summer Research Grant, Villanova University
2012 Faculty Summer Research Grant, Villanova University
2009 Faculty Summer Research Grant, Villanova University
2008 Research grant, Philadelphia Zoo Conservation Fund
2007 Research grant, William H. Belton Fund, American Bird Conservancy
2007 Research grant, Philadelphia Zoo Conservation Fund
2006 Faculty Summer Research Grant, Villanova University
2006 Research grant, William H. Belton Fund, American Bird Conservancy
2006 Research grant, Conservation International
2006 Research grant, Philadelphia Zoo Conservation Fund
2005 Research grant, William H. Belton Fund, American Bird Conservancy
2004 Research grant, William H. Belton Fund, American Bird Conservancy
2004 Research grant, Conservation International
2003 Faculty Summer Research Grant, Villanova University
1997 Faculty Summer Research Grant, Villanova University
1994 Research grant, Commonwealth of Pennsylvania Wild Resource Conservation Fund
1994 Faculty Summer Research Grant, Villanova University
1991 Faculty Summer Research Grant, Villanova University.
1990 Postdoctoral Fellowship, NSERC Canada (award declined)
1979-83 Postgraduate Scholarship, NSERC Canada, held at The University of Michigan
1979 Postgraduate Fellowship, Honorable Mention, National Science Foundation

Professional Service:

Trustee, Wilson Ornithological Society, 2015-present

Board of Directors, Ornithological Council; Member, representing the Wilson Ornithological Society, 1997-present.
Vice-Chair, 2008-2010, 2012-2013; Chair, 2010-2012

Past President, Wilson Ornithological Society, 2015-2017

President, Wilson Ornithological Society, 2013-2015

Associate Editor, *The Auk: Ornithological Advances* (American Ornithologists' Union), 2013-2014

First Vice President, Wilson Ornithological Society, 2011-2013

Chair, Student Presentation Awards Committee, Wilson Ornithological Society annual meeting, Williamsburg, VA, March 2013

Reviewing Editor, *The Condor* (Cooper Ornithological Society), 2009-2013

Chair, Student Presentation Awards Committee, 5th North American Ornithological Conference, Vancouver, BC, August 2012

Steering Committee (Wilson Ornithological Society), 5th North American Ornithological Conference, Vancouver, BC, 2011-2012

Second Vice President, Wilson Ornithological Society, 2009-2011

Chair, Committee on Local Arrangements, American Ornithologists' Union annual meeting 2009, Philadelphia Council (Elected Member), American Ornithologists' Union, 2005-2008

Council (Elected Member), Wilson Ornithological Society, 2004-2008

Board of Governors (Elected Member at Large), Society for Conservation Biology; representative for Local Chapters), 1999-2002

President, Delaware Valley Chapter, Society for Conservation Biology, 1995-2001

Webmaster and Chair of Web Site & Social Media Committee, Wilson Ornithological Society (<http://www.wilsonociety.org>), 1997-present

Webmaster, Ornithological Council (<https://birdnet.org/>), 1997-present

Secretary, Villanova Chapter, Sigma Xi–The Scientific Research Society, 1994-1996

Student Presentation Awards Committee, American Ornithologists' Union, 1991-1996

Student Research Awards Committee, American Ornithologists' Union, 1988-1990

International Council on Bird Preservation–Canada, 1988-1990

Ad-hoc Reviewer for:

Journals: *American Scientist*, *Animal Behaviour*, *Auk*, *Behavioral Ecology*, *Behavioral Ecology and Sociobiology*, *Biological Conservation*, *Biotropica*, *Birds of North America*, *Condor*, *Ecology*, *Ethology*, *Evolution*, *Galápagos Research*, *Ibis*, *Journal of Avian Biology*, *Naturwissenschaften*, *Ornis Fennica*, *Ornitologia Neotropical*, *Wilson Bulletin*, *Wilson Journal of Ornithology*, *Journal of Animal Ecology*. Grants: *National Science Foundation*, *National Geographic Society*, *Earthwatch*

Publications:

- 2019 DaCosta, J. M., M. J. Miller, J. L. Mortensen, J. M. Reed, R. L. Curry, and M. D. Sorenson. 2019. Phylogenomics clarifies biogeographic and evolutionary history, and conservation status of West Indian tremblers and thrashers (Aves: Mimidae). *Molecular Phylogenetics and Evolution* 136:196–205.
- 2017 Curry, R. L., A. T. Peterson, T. Langen, P. Pyle, and M. A. Patten. Woodhouse's Scrub-Jay, v3.0. in *Birds of North America* (A. Poole and F. Gill, eds.), *The Birds of North America* (P. G. Rodewald, Editor). Cornell Lab of Ornithology, Ithaca, NY
- Curry, R. L., A. T. Peterson, T. Langen, P. Pyle, and M. A. Patten. California Scrub-Jay, v3.0. in *Birds of North America* (A. Poole and F. Gill, eds.), *The Birds of North America* (P. G. Rodewald, Editor). Cornell Lab of Ornithology, Ithaca, NY
- Hager, S. B., et al. 2017. Continent-wide analysis of how urbanization affects bird-window collision mortality in North America. *Biological Conservation* 212, Part A:209–215
- 2015 Kelemen, E. P. *, K. E. Zusi@ and R. L. Curry, R. L. Song repertoire of the Carolina Chickadee in southeastern Pennsylvania. *Wilson Journal of Ornithology* 127:271-176

- 2014 Taylor, S. A., R. L. Curry, T. A. White, V. Ferretti[#], and I. Lovette. Spatiotemporally consistent genomic signatures of reproductive isolation in a moving hybrid zone. *Evolution* 38:3066-3081
Taylor, S. A., W. Hochachka, T. A. White, V. Ferretti[#], R. L. Curry, and I. J. Lovette. 2014. Climate-mediated movement of an avian hybrid zone. *Current Biology* 24:671-676.
- 2012 Curry, R. L. Black-capped Chickadee. In: *Second Atlas of Breeding Birds in Pennsylvania* (Ed. by A. M. Wilson, D. W. Brauning & R. S. Mulvihill), pp. 296-297. University Park, Pennsylvania: Penn State Press
Curry, R. L. Carolina Chickadee. In: *Second Atlas of Breeding Birds in Pennsylvania* (Ed. by A. M. Wilson, D. W. Brauning & R. S. Mulvihill), pp. 294-295. University Park, Pennsylvania: Penn State Press
LaPergola, J. B.*[#], J. G. Marina Hipolito, J. E. Martínez-Gómez, & R. L. Curry. First description of the nest and eggs of the island-endemic Cozumel Vireo (*Vireo bairdi*). *Wilson Journal of Ornithology* 124:743-749
- 2011 Lovette, I., B. S. Arbogast, R. L. Curry, R. M. Zink, C. A. Botero, J. P. Sullivan, A. L. Talaba, R. B. Harris, D. R. Rubenstein, R. E. Ricklefs, and E. Bermingham. Phylogenetic relationships of the mockingbirds and thrashers (Aves: Mimidae). *Molecular Phylogenetics and Evolution* 63:219-229
LaPergola, J. B.*[#], J. L. Mortensen*, and R. L. Curry. Nest, eggs, and nesting behavior of the Gray Trembler (*Cinclocerthia gutturalis*) on St. Lucia, West Indies. *Wilson Journal of Ornithology* 123:390-395
Abbot, P., ..., R. L. Curry, ..., et al. 2011. Inclusive fitness theory and eusociality. *Nature* 471:E1-E4
- 2010 Curry, R. L. Changing chickadees. *Hawk Mountain News* No. 113:18-21
- 2009 Meehan, C. J.*[#], E. J. Olson, M. W. Reudink, T. K. Kyser, and R. L. Curry. Herbivory in a spider through exploitation of an ant-plant mutualism. *Current Biology* 19: R892-893
Flores-Palacios, A., J. E. Martínez-Gómez, and R. L. Curry. Vegetación de la Isla Socorro. *Boletín Sociedad Botánica Mexicana* 84:13-23
- 2007 Reudink, M. W.*[#], J. J. Nocera, and R. L. Curry. Anti-predator responses of Neotropical resident and migrant birds to familiar and unfamiliar owl vocalizations on the Yucatan peninsula. *Ornitología Neotropical* 18:543-552
Reudink, M. W.*[#], S. G. Mech, S. P. Mullen, and R. L. Curry. Structure and dynamics of the hybrid zone between Black-capped Chickadees (*Poecile atricapillus*) and Carolina Chickadees (*Poecile carolinensis*) in southeastern Pennsylvania. *Auk* 124:463-478
Mennill, D. J., T. M. Burg, R. L. Curry, K. Martin, A. R. Norris, L. Ratcliffe, M. W. Reudink, L. M. Rossano, and K. A. Schubert. Synopsis II – Parid reproductive behavior. Pages 147-150 in K. Otter, editor. *Ecology and behavior of chickadees and titmice: an integrated approach*. Oxford University Press, Oxford, England
Curry, R. L., L. M. Rossano, and M. W. Reudink. Behavioral aspects of chickadee hybridization. Pp. 95-110 in K. Otter, editor. *Ecology and behavior of chickadees and titmice: an integrated approach*. Oxford University Press, Oxford, England
- 2006 Arbogast, B. S., S. V. Drovetski, R. L. Curry, P. T. Boag, G. Seutin, P. R. Grant, B. R. Grant, and D. J. Anderson. The origin and diversification of Galapagos mockingbirds. *Evolution* 60:370-382
Reudink, M. W., S. G. Mech, and R. L. Curry. Extra-pair paternity and mate choice in a chickadee hybrid zone. *Behavioral Ecology* 17:56-62
- 2005 Curry, R. L. Hybridization in chickadees: much to learn from familiar birds. *Auk* 122:747-758
- 2003 Curry, R. L., A. T. Peterson, and T. Langen. Western Scrub-Jay. No. 712 in *Birds of North America* (A. Poole and F. Gill, eds.), Birds of North America, Inc., Philadelphia
Curry, R. L., and K. S. Delaney. Island Scrub-Jay. No. 713 in *Birds of North America* (A. Poole and F. Gill, eds.), Birds of North America, Inc., Philadelphia
Mostrom, A. M., R. L. Curry, and B. Lohr. Carolina Chickadee. No. 636 in *Birds of North America* (A. Poole and F. Gill, eds.), Birds of North America, Inc., Philadelphia
- 2001 Martínez Gomez, J. E., A. Flores-Palacios, and R. L. Curry. Habitat requirements of the Socorro Mockingbird. *Ibis*, 143:456-467
- 2000 Grant, P. R., R. L. Curry, and B. R. Grant. A relict population of the Floreana Mockingbirds on Champion island, Galápagos. *Biological Conservation* 92:285-290
- 1998 Martínez Gomez, J. E., and R. L. Curry. Determining the sex of Socorro Mockingbirds from body measurements. *Ornitología Neotropical* 9:103-109

- Curry, R. L., L. M. Walton*, R. Bowman, G. E. Woolfenden, and J. W. Fitzpatrick. Patterns and consequences of nest-site selection in Florida Scrub-Jays *Aphelocoma coerulescens*. Proceedings of the XXII International Ornithological Congress. Ostrich 69:280
- 1996 Martínez Gomez, J. E. *, and R. L. Curry. Conservation status of the critically endangered Socorro Mockingbird *Mimodes graysoni* in 1993-94. *Bird Conservation International* 6:271-283
- 1995 Connor, R.C., and R. L. Curry. Helping non-relatives: a role for deceit? *Animal Behaviour* 49:389-393
- Martínez Gomez, J. E. *, and R. L. Curry. First description of the nest and eggs of the Socorro Mockingbird. *Wilson Bulletin* 107:551-555
- 1994 Fitzpatrick, J. W., G. E. Woolfenden, and R. L. Curry. Fire and conservation biology of Florida Scrub Jays. *Journal für Ornithologie* 135:493-494
- Fusani, L., L. Beani, R. L. Curry, and F. Dessi-Fulgheri. Analysis of some calls of a Galapagos mockingbird (*Nesomimus parvulus*). *Ethology, Ecology & Evolution* 6:423
- 1993 Curry, R. L. Update from Isla de La Plata. *Noticias de Galapagos* 52: 24-25
- 1991 Curry, R. L. & P. R. Grant. Impact of climatic variation on Galápagos mockingbird social organization. Invited Symposium paper, *Acta XX Congressus Internationalis Ornithologici* : 1333-1341
- 1990 Curry, R. L. & P. R. Grant. Galápagos mockingbirds: territorial cooperative breeding in a climatically variable environment. Pp. 290-331 in: P. B. Stacey & W. D. Koenig, Eds. *Cooperative Breeding in Birds: Long-term Studies of Ecology and Behavior*. Cambridge, Cambridge University Press
- Curry, R. L. Florida scrub jay kills a mockingbird. *Condor* 92: 256-257
- Curry, R. L. Review of *Population Ecology of the Cooperatively Breeding Acorn Woodpecker* by W. D. Koenig & R. L. Mumme. *American Scientist* 78: 66
- 1989 Curry, R. L. Geographic variation in social organization of Galápagos mockingbirds: ecological correlates of group territoriality and cooperative breeding. *Behavioral Ecology and Sociobiology* 25: 147-160
- Curry, R. L. & P. R. Grant. Demography of the cooperatively breeding Galápagos mockingbird (*Nesomimus parvulus*) in a climatically variable environment. *Journal of Animal Ecology* 58: 441-464
- 1988 Curry, R. L. Group structure, within-group conflict and reproductive tactics in cooperatively breeding Galápagos mockingbirds, *Nesomimus parvulus*. *Animal Behaviour* 36: 1708-1728
- Curry, R. L. Influence of kinship on helping behavior in Galápagos mockingbirds. *Behavioral Ecology and Sociobiology* 22: 141-152
- Curry, R. L. & S. H. Stoleson. New bird records from the Galápagos associated with the El Niño- Southern Oscillation. *Condor* 90: 505-507
- Curry, R. L. Review of *Helping and Communal Breeding in Birds* by J. L. Brown. *American Scientist* 76: 609-610
- Curry, R. L. Review of *Voices of All the Mockingbirds, Thrashers, & Their Allies* by J. W. Hardy, J. C. Barlow & B. B. Coffey, Jr. *Florida Field Naturalist* 16: 101-102
- 1987 Curry, R. L. & D. J. Anderson. Inter-island variability in blood-drinking by Galápagos mockingbirds. *Auk* 104: 517-521
- 1986 Curry, R. L. Whatever happened to the Floreana Mockingbird? *Noticias de Galapagos* 43:13-15
- Curry, R. L. Galápagos mockingbird kleptoparasitizes centipede. *Condor* 88: 90-91
- Curry, R. L. Ecology and behavior of Galápagos mockingbirds. Pp. 365-367 in: *WWF Yearbook 1985/86*. Gland, World Wildlife Fund
- 1985 Curry, R. L. Breeding and survival of Galápagos mockingbirds during El Niño. Pp. 449-471 in: G. Robinson & E. del Pino, Eds. *El Niño in the Galápagos Islands: The 1982-1983 Event*. Quito, Charles Darwin Foundation for the Galapagos Islands
- Grant, P. R., I. Abbott, D. Schluter, R. L. Curry & L. K. Abbott. Variation in the size and shape of Darwin's finches. *Biological Journal of the Linnaean Society* 25: 1-39

@ Undergraduate student co-author

* Graduate student co-author

Post-doctoral fellow co-author

Professional Memberships:

American Ornithological Society	International Society for Behavioral Ecology
Animal Behavior Society	Society of Caribbean Ornithology
Association of Field Ornithologists	Wilson Ornithological Society

Postdoctoral fellows mentored:

2019-	Dovid Kozlovsky (Mendel Science Experience Postdoctoral Fellow; teaching & research)
2014-2016	Matt Miller (Department of Biology Postdoctoral Fellow; teaching & research)
2011-2013	Vale Ferretti (Mendel Science Experience Postdoctoral Fellow; teaching & research)
2001-2005	Jameson “Jim” Chace (Department of Biology Postdoctoral Fellow; teaching)

Masters thesis students supervised:

<i>In progress</i>	Ari Rice, Taylor Heuermann, Michael Rowley, Rebecca Garlinger, Holly Garrod, Margaret Boyle, Breanna Bennett
2018	Sarah Polekoff
2017	Mark Eastburn, Robert Driver
2016	Chris Roche
2015	Kate Freeman, Christie Eldredge
2014	Even Kelemen, Sarah Baillie, Jacob Armiger
2012	Josh LaPergola, Erik Scully
2010	Stephanie Wright, Jessica Trout-Haney
2009	Jennifer Mortensen, Christopher Meehan, Amanda Nicodemus
2008	Samantha Slattery
2007	Lindsay Zemba
2006	Sue Guers, Luke Pilipski
2004	Matt Reudink, Chris Valligny
2003	Lindsay Rossano
2002	Kerri Cornell
2001	Sean Mullen, Ilonka von Lippke
1998	Liz Borst, Joel Greshock
1997	Lee Walton
1995	Juan Martínez-Gómez

Undergraduate thesis & directed research students supervised:

<i>In progress</i>	Caraline Gammons, Haley Randall, Lily Day
2018	Emily Burton, Katherine Monroe, Kate Henderson, Matt Dula
2017	Gwen Saccocia
2015	John Szot, Lauda Ceccaci
2014	Ashveen Bains
2013	Amanda McKenna
2011	Karen Zusi
2007	Andy McGann
2005	Nick Weber, Steve Van Pelt
2004	Alice Ruscica, Christina Yuan, Ryan Zitnay
2002	Mina Innes
2001	Leanna Masserelli
2000	Matt Rea
1999	Cheryl Zecchine, Melanie Jenter
1998	Kevin Klesh, Chadd Criddle, Jill Wotanis
1996	Terry Leland, Cathy Ciarimboli

1994

Connie Gasda

1992

Michele Hannon, Bryan Spohn