

JONATHAN P. DRURY

University of California, Los Angeles
Dept. of Ecology & Evolutionary Biology
621 Charles E. Young Dr. S
Los Angeles, CA 90095

web: jonathanpdrury.com
cell: (424) 362-6230
email: druryj@ucla.edu
citizenship: United States

POSITIONS

Post-Doctoral Researcher, Dept. of Ecology & Evolutionary Biology, UCLA, September 2016-present
(PI: Dr. Gregory F. Grether)

Post-Doctoral Researcher, Institut de Biologie de l'Ecole Normale Supérieure, Paris, France,
November 2014-September 2016 (PI: Dr. Hélène Morlon)

EDUCATION

Ph.D. Biology, Dept. of Ecology & Evolutionary Biology, UCLA, September 2014

- **Dissertation:** “The interplay between agonistic character displacement and reproductive interference in rubyspot damselflies (*Hetaerina* spp.)”
- **Major advisor:** Dr. Gregory F. Grether

B.Sc. Ecology, Institute of Ecology, University of Georgia, December 2006

- Major in Ecology, minors in Spanish and Women’s Studies
- Graduated First Honors (4.0 GPA), Summa Cum Laude

HONORS

- UCLA Department of Ecology & Evolutionary Biology Scherbaum Award, 2013
Bestowed annually on one graduate student in recognition of distinguished research
- National Science Foundation Graduate Research Fellow, 2008- 2011

PUBLICATIONS (‡DENOTES UNDERGRADUATE RESEARCHER)

Putman, B., **Drury, J.**, Blumstein, D. & Pauly, G. *submitted*. Fear no colors? The influence of clothing colour on lizard escape behaviour.

Drury, J., Grether, G., Garland Jr., T. & Morlon, H. *in revision*. An assessment of phylogenetic tools for analyzing the interplay between interspecific interactions and phenotypic evolution. *Systematic Biology*. bioRxiv pre-print: <http://biorxiv.org/content/early/2016/10/26/083485>

2016 **Drury, J.**, Clavel, J., Manceau, M. & Morlon, H. Estimating the effect of competition on trait evolution using maximum likelihood inference. *Systematic Biology*. 65: 700-710. doi: [10.1093/sysbio/syw020](https://doi.org/10.1093/sysbio/syw020)

Drury, J. & †Burroughs, N. Nest shape explains variation in sexual dichromatism in New World blackbirds. *Journal of Avian Biology*. 47: 312-320. doi: [10.1111/jav.00757](https://doi.org/10.1111/jav.00757)

Losin, N., **Drury, J.**, Peiman, K., †Storch, C. & Grether, G. The ecological causes and evolutionary stability of interspecific territoriality. *Ecology Letters*. 19: 260-267. doi: [10.1111/ele.12561](https://doi.org/10.1111/ele.12561)

Morlon, H., Lewitus, E., Condamine, F., Manceau, M., Clavel, J., & **Drury, J.** RPANDA: R package for macroevolutionary analyses on phylogenetic trees. *Methods in Ecology & Evolution*. 7: 589-597. doi: [10.1111/2041-210X.12526](https://doi.org/10.1111/2041-210X.12526)

2015 **Drury, J.**, Okamoto, K., Anderson, C., & Grether, G. Reproductive interference explains persistence of aggression between species. *Proceedings of the Royal Society: B*. 20142256. doi:[10.1098/rspb.2014.2256](https://doi.org/10.1098/rspb.2014.2256)
-Press coverage: [UCLA Newsroom](#)

***Drury, J.**, Anderson, C., & Grether, G. Seasonal polyphenism in wing coloration affects species recognition in rubyspot damselflies (*Hetaerina* spp.) *Journal of Evolutionary Biology*. 28: 1439-1452. doi: [10.1111/jeb.12665](https://doi.org/10.1111/jeb.12665)
*featured on the cover of the issue in which it appeared

†Hensley, N., **Drury, J.**, Garland Jr., T. & Blumstein, D. Vivid birds do not initiate flight sooner despite their potential conspicuousness. *Current Zoology*. 61(4): 773-780.

Grether, G., **Drury, J.**, †Berlin, E., & Anderson, C. The role of wing coloration in sex recognition and competitor recognition in rubyspot damselflies (*Hetaerina* spp.). *Ethology*. 121(7): 674-685. doi: [10.1111/eth.12382](https://doi.org/10.1111/eth.12382)

2014 ***Drury, J.** & Grether, G. Interspecific aggression, not interspecific mating, drives character displacement in the wing coloration of male rubyspot damselflies (*Hetaerina*). *Proceedings of the Royal Society: B*. 20141737. doi: [10.1098/rspb.2014.1737](https://doi.org/10.1098/rspb.2014.1737)
-covered by [Anole Annals](#)
*featured on the cover of the issue in which it appeared

2013 Grether, G., Anderson, C., **Drury, J.**, Kirschel, A., Losin, N., Okamoto, K., & Peiman, K. The evolutionary consequences of interspecific aggression. *Annals of the NY Academy of Sciences*. doi: [10.1111/nyas.12082](https://doi.org/10.1111/nyas.12082)

†Journey, L., **Drury, J.**, †Haymer, M., †Rose, K. & Blumstein, D. Vivid birds respond more to acoustic signals of predators. *Behavioral Ecology & Sociobiology*. doi: [10.1007/s00265-013-1556-z](https://doi.org/10.1007/s00265-013-1556-z)

2011 Anderson, C., Córdoba-Aguilar, A., **Drury, J.**, & Grether, G. An assessment of marking techniques for odonates in the family Calopterygidae. *Entomologia Experimentalis et Applicata* 141:258-261. doi: [10.1111/j.1570-7458.2011.01185.x](https://doi.org/10.1111/j.1570-7458.2011.01185.x)

2010 **Drury, J.** Immunity & mate choice: a new outlook. *Animal Behaviour* 79:539-545. doi:[10.1016/j.anbehav.2009.12.023](https://doi.org/10.1016/j.anbehav.2009.12.023)

Drury, J. & Gowaty, P. 2010. Social Selection, Sexual Selection, and Sexual Conflict. In: *Encyclopedia of Animal Behavior* (Eds. M. Breed and J. Moore) Academic Press, San Diego.

SPEAKING

Invited Symposium Presentations

- “Allopatric divergence - not reinforcement - shapes signal trait evolution in Tanagers”
Gordon Research Seminar on Speciation, Tuscany, Italy, Symposium “Progress, Synthesis and Integration at the Frontiers of Speciation Research”, Feb. 2017
- “The maintenance of aggression across species boundaries”
International Society for Behavioural Ecology, Exeter, UK, Symposium “Male competition & speciation”, Aug. 2016
- “Assessing the impact of species interactions on trait evolution”
Evolution, Austin, TX, Spotlight Session “The evolution of species interactions”, June 2016
- “Estimating the long-term effect of species interactions on trait evolution”
Frontiers in Ecology and Evolution Symposium, IBENS, Paris, FR, June 2015

Oral Conference Presentations

- “Phylogenetic approaches to studying behavioral interference shed light on interspecific territoriality in North American passerines”
Evolution, Portland, OR, June 2017
- “New inference tools for incorporating the effect of interspecific competition on trait evolution”
Systematics Association Biennial, Oxford UK, Aug. 2015
- “Character displacement in the wing color patterns of rubyspot damselflies: An experimental test of multiple character displacement hypotheses”
Evolution, Raleigh, NC, June 2014
- “Agonistic character displacement, not reproductive character displacement, explains variation in male wing patterns in rubyspot damselflies (*Hetaerina* spp.)”
Society for Integrative and Comparative Biology, Austin, TX, Jan. 2014
- “Reproductive interference and adaptive, between-species territoriality in rubyspot damselflies (*Hetaerina* spp.)”
Evolution, Snowbird, UT, June 2013
- “Reproductive interference and interspecific territoriality in rubyspot damselflies”
Society for Integrative and Comparative Biology, San Francisco, CA, Jan. 2013
- “Revisiting latitudinal patterns of plumage showiness”
International Ornithological Congress, Campos do Jordão, Brazil, Aug. 2010

Selected Seminars

- “Incorporating interspecific interactions into phylogenetic models of trait evolution,”
Section Seminar, IBENS, Dec. 2015
- “Phylogenetic inference of trait evolution resulting from interspecific social interactions,”
Herpetology Department, Museum für Naturkunde, Berlin, Germany, Feb. 2015
- “Character displacement in the wing color patterns of rubyspot damselflies (*Hetaerina* spp.): an experimental test of alternative hypotheses”
EcoEvoPub Presentation, UCLA, May 2014

TEACHING

Instructor

- EEB 120, Evolution, UCLA, Summer 2014
- EEB 98T, Flexible Phenotypes & Adaptive Evolution, UCLA, Winter 2014

Teaching Associate

- EEB 132, Field Behavioral Ecology, UCLA & Refugio Bartola, Nicaragua, Winter 2013
- SOCGEN 101, Genetic Concepts for Human Sciences, UCLA, Winter 2012
- EEB 132, Field Behavioral Ecology, UCLA & St. John, U.S. Virgin Islands, Fall 2009
- EEB 17, Evolution for Everyone, UCLA, Winter 2009

Mentoring (denotes previously or currently pursuing graduate education)*

- *Field assistants:* Timothy Alvey, Marco Benitez, Emily Berlin*, Andrew Chao*, Simone Giovanetti, Patrick Green*, Kate Henderson*, Sara Hu*, Linnea Karlen, Emily Khazan*, Ruthie Musker*, Summer Sanford*
- *UCLA undergraduate research:* Carmen Antaky, Erin Berlin*, Eric Boyd, Nathan Burroughs*, Brian Dang*, Thomas Dial, Samantha Ellis*, Nicholas Gentry, Cynthia Gonzalez*, Mike Haymer*, Niko Hensley*, Lexi Journey*, Latonia Luu*, Jonathan Mai*, Atishay Mathur, Otensia McKenzie, Kate Rose, Lansing Perng, Cathy Stolitcka, Nick Synstelien, Kelly Tang, Younglin You, Ashley Yu

AWARDS

Fellowships

- Collegium of University Teaching Fellowship, Winter 2014
- UCLA Graduate Division Dissertation Year Fellowship, 2013- 2014
- UCLA Graduate Division and EEB Department Graduate Research Fellowship, 2011- 2013
- National Science Foundation Graduate Research Fellowship, 2008- 2011
- HOPE Fellowship, 2002-2006

Research Awards

- Amazon AWS in Education Research Grant, December 2015: \$1,600
- UCLA Dept. of Ecology & Evolutionary Biology Research Award, June 2012: \$500
- UCLA Dept. of Ecology & Evolutionary Biology Research Award, June 2011: \$1,000
- UCLA Dept. of Ecology & Evolutionary Biology Research Award, November 2009: \$1,300

PROFESSIONAL MEMBERSHIPS

- International Society for Behavioral Ecology (ISBE), 2014-present
- Society for the Study of Evolution (SSE), 2013-present
- Society for Integrative & Comparative Biology (SICB), 2012-2015

PEER REVIEW

Behavioral Ecology & Sociobiology, Biological Journal of the Linnean Society, Ecology Letters, Evolution, Global Ecology and Biogeography, Journal of Animal Ecology, Nature Communications, Trends in Ecology & Evolution

HOBBIES

I enjoy birdwatching, learning languages (I'm fluent in Spanish and conversant in French), reading, hiking, camping, cooking, swimming, and traveling.

REFERENCES

Dr. Gregory Grether
Professor, Dept. of Ecology & Evolutionary Biology
UCLA
ggrether@ucla.edu
(310) 794-9769

Dr. H el ene Morlon
CNRS Researcher, Dept. de Biologie
 cole Normale Sup erieure
morlon@biologie.ens.fr
+33 (0)1 44 32 35 35

Dr. Daniel Blumstein
Professor, Dept. of Ecology & Evolutionary Biology
UCLA
marmots@ucla.edu
(310) 267-4746