Robert D. Reed
Curriculum Vitae

Associate Professor
Department of Ecology & Evolutionary Biology
Cornell University
Corson Hall
Ithaca, NY 14853-2701

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Education

2004 Ph.D. University of Arizona - Molecular and Cellular Biology
- Dissertation Advisor: Lisa M. Nagy
- Minor in Entomology

1997 A.B. U.C. Berkeley - Integrative Biology (Honors)
- Thesis Advisor: Felix A.H. Sperling
- Minor in Entomology

Appointments

2012- Associate Professor of Ecology & Evolutionary Biology - Cornell University
2012- Associate Curator of Lepidoptera - Cornell University Insect Collection
2011- Research Associate – Smithsonian Tropical Research Institute
2007-12 Assistant Professor of Ecology & Evolutionary Biology - University of California, Irvine
2005-07 Postdoctoral Fellow in Comparative Genomics - Duke University
2004 Hargitt Research Fellow in Cell Biology - Duke University

Program Affiliations

2012- Graduate Field of Ecology & Evolutionary Biology - Cornell University
2012- Graduate Field of Entomology - Cornell University
2012- Center for Comparative and Population Genomics - Cornell University
2007-12 Center for Complex Biological Systems - University of California, Irvine

Major Extramural Funding

2011-14	PI: NSF IOS-1052541 Project: *Identity and Function of Heliconius Mimicry Genes*	$515,000
2010-13	Co-PI: NSF OIA-0963441 (PI: B. Gaut) Project: *Renovation of the Greenhouse Research Facility at the University of California, Irvine*	$1,257,826
2010-13	Co-PI: NSF IOS-1025106 (PI: A. Briscoe): Project: *Evolution of UV Vision and Wing Coloration in Heliconius Butterflies and Co-Mimics*	$485,000
2009-12	Co-PI: NSF DEB-0844244 (PI: W.O. McMillan) Project: *The Genetic Signature of Adaptation in Heliconius erato*	$650,000
2007-11	PI: NSF DEB-0715140 Project: *Molecular Basis of Mimicry in Heliconius Butterflies*	$237,449

2004-07	Co-author / Senior Personnel: NSF IOB 0344705 (PI: W.O. McMillan) Project: *The Developmental Architecture of Color Pattern in H. erato*	$541,909

Other Grants and Fellowships

2010	Doctoral Dissertation Improvement Grant (DEB-1011619) - NSF	$15,000
2008	UCI Office of Research - Butterfly Genome Server Project	$2,500
2008	UCI School of Biological Sciences - Butterfly Genome Server Project	$2,500
2008	U.C. Irvine Microarray Facility Grant	$2,500
2005-07	Fellowship in Comparative Genomics - Duke University	$82,000
2004	Hargitt Fellowship in Cell Biology - Duke University	$34,200
2002-03	IGERT Graduate Fellowship in Genomics - U. Arizona	$21,000
2002	Doctoral Dissertation Improvement Grant (DEB-0209441) – NSF	$10,000
2002	Short Term Fellowship - Smithsonian Tropical Research Institute	$2,250
2002	Center for Insect Science Graduate Research Grant - U. Arizona	$1,800
2002	Analysis of Biological Diversification RTG, Small Grant - U. Arizona	$1,000
2001	Analysis of Biological Diversification RTG, Fellowship - U. Arizona	$5,500
2001	MCB Dept. Student Sabbatical Grant - U. Arizona	$2,000
2000	Analysis of Biological Diversification RTG, Small Grant - U. Arizona	$1,000
1999-00	Analysis of Biological Diversification RTG, Fellowship - U. Arizona	$11,000
1997	Walker Fund Systematic Entomology Grant - U.C. Berkeley	$770
1997	President's Undergraduate Research Fellowship - U.C. Berkeley	$1,841
1997	Undergraduate Scholarship - Entomological Society of America	$1,500
1997	HHMI Biology Fellows Grant - U.C. Berkeley	$1,000
1997	Horace M. Albright Alumni Scholarship - U.C. Berkeley	$1,250
1997	Entomology Club Travel Grant - U.C. Berkeley	$100
1996-97	President's Undergraduate Research Fellowship - U.C. Berkeley	$300
1996	HHMI Biology Fellows Grant - U.C. Berkeley	$1,000

Honors

1997 John Adams Comstock Award - *Lepidopterists' Society*

Publications

29. Papa, R., D.D. Kapan, B.A. Counterman, K. Maldonado, D. Lindstrom, **R.D. Reed**, H.F. Nijhout, T. Hrbek, W.O. McMillan. Multi-allelic major effect genes interact with minor effect QTLs to control adaptive color pattern variation in *Heliconius erato*. ***PLoS One.*** *In press.*

28. Martin A., R. Papa, N. Nadeau, R.I. Hill, B.A. Counterman, C.D. Jiggins, M.R. Kronforst, A.D. Long, W.O. McMillan*, **R.D. Reed***. (2012) Diversification of complex butterfly wing patterns by repeated regulatory evolution of a *Wnt* ligand. ***Proceedings of the National Academy of Sciences of the USA.*** 109: 12632-12637.

27. Daniels, E.V., **R.D. Reed**. (2012) Xanthurenic acid is a pigment in *Junonia coenia* butterfly wings. ***Biochemical Systematics and Ecology.*** 44: 161-163.

26. Hines, H.M*, R. Papa*, M. Ruiz, A. Papanicoloau, W.O. McMillan*, **R.D. Reed***. (2012) Transcriptome analysis reveals novel patterning and pigmentation genes underlying *Heliconius* butterfly wing pattern variation. ***BMC Genomics.*** 13: 288.

25. The *Heliconius* Genome Consortium. (2012) Genomic evidence for promiscuous exchange of adaptations among *Heliconius* butterfly species. ***Nature*****.** 487: 94-98.
    - *Faculty of 1000* selection (twice)

24. Daniels, E.V., K.A. Mooney, and **R.D. Reed**. (2012) Seasonal wing colour plasticity varies dramatically between buckeye butterfly populations in different climatic zones. ***Ecological Entomology*****.** 37: 155-159.

23. Finkbeiner, S.D., A.D. Briscoe, **R.D. Reed**. (2012) The benefit of being a social butterfly: communal roosting deters predation. ***Proceedings of the Royal Society B: Biological Sciences.*** 279: 2769-2776.
    - One of *PRSB*'s most-read articles of March 2012.
    - Featured in *Science NOW*
    - Featured in *National Geographic*, *ABC News* (Australia), and *Spiegel* (Germany)

22. Bybee, S.M., F. Yuan, M.D. Ramstetter,J.L. Bousquets, **R.D. Reed**, D. Osorio, and A.D. Briscoe. (2012) UV photoreceptors and UV-yellow wing pigments in *Heliconius* butterflies allow a color signal to serve both mimicry and intraspecific communication. ***American Naturalist.*** 179: 38-51.

21. Hines, H.M., B.A. Counterman, R. Papa, P. A. de Moura, M.A. Cardoso, M. Linares, J. Mallet, **R.D. Reed**, C.D. Jiggins, M. Kronforst, W.O. McMillan. (2011) A wing patterning gene redefines the mimetic history of *Heliconius* butterflies. ***Proceedings of the National Academy of Sciences of the USA.*** 108: 19666-19671.
    - Cover article

20. **Reed, R.D.***, R. Papa*, A. Martin, H.M. Hines, B.A. Counterman, C. Pardo-Diaz, C.D. Jiggins, N.L. Chamberlain, M.R. Kronforst, R. Chen, G. Halder, H.F. Nijhout, and W.O. McMillan. *optix* drives the repeated convergent evolution of butterfly wing pattern mimicry. (2011) ***Science***. 333: 1137-1141.
    - *Faculty of 1000* selection (three times)
    - Featured in a *Science* perspective
    - Featured in *Washington Post*, *Scientific American*, and *Cosmos Magazine*

19. Finkbeiner, S.D., **R.D. Reed**, R. Dirig, and J.E. Losey. (2011) The role of environmental factors in the northeastern range expansion of *Papilio cresphontes* Cramer (Papilionidae). ***Journal of the Lepidopterists' Society.*** 65: 119-125.

18. Briscoe, A.D., S.M. Bybee, G.D. Bernard, F. Yuan, M.P. Sison-Magnus, **R.D. Reed**, A.D. Warren, J. Llorente-Bousquets, and C.-C. Chiao. (2010) Reply to Nozawa et al.: Complementary statistical methods support positive selection of a duplicated UV opsin gene in *Heliconius*. ***Proceedings of the National Academy of Sciences of the USA.*** 107: E97.

17. Martin, A., and **R.D. Reed**. (2010) *wingless* and *aristaless2* define a developmental ground plan for moth and butterfly wing pattern evolution. ***Molecular Biology and Evolution.*** 27: 2864-2878.

16. Macdonald W.P., A. Martin, and **R.D. Reed**. (2010) Butterfly wings shaped by a molecular cookie cutter: Evolutionary radiation of lepidopteran wing shapes associated with a derived Cut / *wingless* wing margin boundary system. ***Evolution & Development.*** 12: 296-304.

15. Briscoe, A.D., S.M. Bybee, G.D. Bernard, F. Yuan, M.P. Sison-Magnus, **R.D. Reed**, A.D. Warren, J. Llorente-Bousquets, and C.-C. Chiao. Positive selection of a duplicated UV-sensitive visual pigment coincides with wing pigment evolution in *Heliconius* butterflies***.*** (2010) ***Proceedings of the National Academy of Sciences of the USA.*** 107: 3628-3633.

- *Faculty of 1000* selection

14. Counterman, B. A.**,** F. Arajuo-Perez, H.M. Hines, S.W. Baxter, C.M. Morrison, D.P. Lindstrom, R. Papa, L. Ferguson, M. Joron, R. ffrench-Constant, C. Smith, D.M. Nielsen, R. Chen, C.D. Jiggins, **R.D. Reed**, G. Halder, J. Mallet, and W. O. McMillan. (2010) Genomic hotspots for adaptation: The population genetics of Müllerian mimicry in *Heliconius erato.* ***PLoS Genetics*** 6(2): e1000796.
    - *Faculty of 1000* selection
    - Featured in *PLoS Genetics* perspective

13. Papa, R., A. Martin, and **R.D. Reed**. (2008) Genomic hotspots of adaptation in butterfly wing pattern evolution. ***Current Opinion in Genetics and Development*** 18: 559-564.

12. Papa R., C.M. Morrison, J.R. Walters, B.A. Counterman, R. Chen, G. Halder, L. Ferguson, N. Chamberlain, R. ffrench-Constant, D.D. Kapan, C.D. Jiggins, **R.D. Reed**, and W.O McMillan. (2008) Highly conserved gene order and numerous novel repetitive elements in genomic regions linked to wing pattern variation in *Heliconius* butterflies. ***BMC Genomics*** 9: 345.
    - BMC *Highly Accessed* article

11. **Reed, R.D.**, W.O. McMillan, and L.M. Nagy (2008) Gene expression underlying adaptive variation in *Heliconius* wing patterns: non-modular regulation of overlapping *cinnabar* and *vermilion* prepatterns. ***Proceedings of the Royal Society B: Biological Sciences*** 275: 37-45.
    - Cover article

10. **Reed, R.D.**, P.-H. Chen, and H.F. Nijhout (2007) Cryptic variation in butterfly eyespot development: the importance of sample size in gene expression studies. ***Evolution & Development*** 9: 2-9.
    - Cover article

9. Kapan, D.D., N.S. Flanagan, A. Tobler, R. Papa, **R.D. Reed**, J.A. Gonzalez, M.R. Restrepo, L. Martinez, K. Maldonado, C. Ritschoff, D.G. Heckel, and W.O. McMillan (2006) Localization of Müllerian mimicry genes on a dense linkage map of *Heliconius erato*. ***Genetics*** 173: 735-757.

8. **Reed, R.D.**, and L.M. Nagy (2005) Evolutionary redeployment of a biosynthetic module: expression of eye pigment genes *vermilion, cinnabar*, and *white* in butterfly wing development. ***Evolution & Development*** 7: 301-311.
    - Cover article

7. **Reed, R.D.** (2005) Gregarious oviposition in butterflies. ***Journal of the Lepidopterists' Society*** 59: 40-43.

6. **Reed, R.D.**, and L.E. Gilbert. (2004) Wing venation and Distal-less expression in *Heliconius* butterfly wing pattern development. ***Development Genes and Evolution*** 214: 628-634.
    - Cover article

5. **Reed, R.D.**, and M.S. Serfas (2004) Butterfly wing pattern evolution is associated with changes in a Notch/Distal-less temporal pattern formation process. ***Current Biology*** 14: 1159-1166.
    - Featured in *Current Biology* dispatch
    - Featured in *Science NOW*
    - Cover article

4. **Reed, R.D.** (2004) Evidence for Notch-mediated lateral inhibition in organizing butterfly wing scales. ***Development Genes and Evolution*** 214: 43-46**.**
    - Cover article

3. **Reed, R.D.** (2003) Gregarious oviposition and clutch size adjustment by a *Heliconius* butterfly. ***Biotropica*** 35: 555-559.

2. Caterino, M., **R.D. Reed**, M.M. Kuo, and F.A.H. Sperling (2001) A partitioned likelihood analysis of swallowtail butterfly phylogeny (Lepidoptera: Papilionidae). ***Systematic Biology*** 50: 106-127.
    - Cover article

1. **Reed, R.D.**, and F.A.H. Sperling (1999) The interaction of process partitions in phylogenetic analysis: an example from the swallowtail butterfly genus *Papilio*. ***Molecular Biology and Evolution*** 16: 286-297.

[* = Equal contributions]

Invited Presentations

35. 2012. **Seminar:** Cornell University - Dept. of Entomology
34. 2012. **Seminar:** University of Rochester - Dept. of Biology
33. 2012. **Symposium:** Pan American Society for Pigment Cell Research - Park City, UT.
32. 2012. **Seminar:** Cornell University - Dept. of Ecology and Evolutionary Biology
31. 2011. **Seminar:** University of Washington - Dept. of Biology
30. 2011. **Seminar:** University of Southern California - Dept. of Molecular and Computational Biology
29. 2010. **Seminar:** U.C. Davis - Dept. of Ecology and Evolution
28. 2010. **Seminar:** U.C. Riverside - Dept. of Entomology
27. 2010. **Seminar:** U.C. Merced - Quantitative and Systems Biology Group
26. 2009. **Seminar:** University of Connecticut, Storrs - Dept. of Ecology and Evolutionary Biology
25. 2009. **Seminar:** Yale University - Dept. of Ecology and Evolutionary Biology
24. 2009. **Symposium:** U.C. Irvine Center for Complex Biological Systems Retreat. Santa Monica, CA.
23. 2009. **Symposium:** *Drosophila* Research Conference. Chicago, IL.
22. 2009. **Public Lecture:** Orange County Society for Conservation Biology. Pismo Beach, CA.
21. 2008. **Symposium:** International Congress of Entomology. Durban, South Africa.
20. 2007. **Seminar:** Kyoto University. Kyoto, Japan.
19. 2007. **Seminar:** Chubu University. Nagoya, Japan.
18. 2007. **Symposium:** Workshop on Mathematical Modeling and Analysis of Biological Pattern Formation. Nagoya, Japan.
17. 2007. **Symposium:** Southern California *Drosophila* Meeting. Irvine, CA.
16. 2007. **Symposium:** Fifth International Conference on the Biology of Butterflies. Rome, Italy.
15. 2007. **Seminar:** U.C. Irvine - Dept. of Developmental and Cell Biology
14. 2007. **Seminar:** Cambridge University, UK - Dept. of Zoology

13. 2006. **Symposium:** Meeting of the European Society for Evolutionary Developmental Biology. Prague, Czech Republic.
12. 2006. **Seminar:** University of Leiden, Netherlands – Biology Institute
11. 2006. **Seminar:** University of Kentucky – Dept. of Biology
10. 2006. **Seminar:** Mississippi State University – Dept. of Biological Sciences
9. 2006. **Seminar:** Stanford University - Dept. of Biology
8. 2006. **Seminar:** U.C. Irvine - Dept. of Ecology and Evolutionary Biology
7. 2006. **Seminar:** Barnard College - Dept. of Biology
6. 2005. **Symposium:** Evolution Meeting, Fairbanks, AK.
5. 2005. **Seminar:** University of Illinois, Urbana-Champaign - Dept. of Entomology
4. 2004. **Public Lecture:** North Carolina Museum of Life and Science. Durham, NC.
3. 2004. **Seminar:** Duke University. Durham, NC - Dept. of Biology
2. 2003. **Symposium:** University of Arizona Center for Insect Science. Tucson, AZ.
1. 2002. **Public Lecture:** Meeting of the Arizona Entomological Society. Tucson, AZ.

Contributed Presentations

14. 2004. **Talk:** Butterfly Evolution and Development Conference. Rio Piedras, PR.
13. 2004. **Talk:** Evolution of Developmental Diversity Meeting. Cold Spring Harbor, NY.
12. 2003. **Talk:** Lepidopterists' Society. Olds, Alberta.
11. 2003. **Talk:** Society for Molecular Biology and Evolution. Newport Beach, CA.
10. 2002. **Talk:** Second International Congress of *Heliconius* Biology, Panama.
9. 2002. **Poster:** Second International Congress of *Heliconius* Biology, Panama.
8. 2002. **Poster:** Ninth Annual Poster Hexapodium. Tucson, AZ.
7. 2002. **Poster:** Fourth International Symposium on Insect Molecular Science. Tucson, AZ.
6. 2001. **Poster:** Symposium on the Developmental Basis of Evolutionary Change. Chicago, IL.
5. 2001. **Poster:** Eighth Annual Poster Hexapodium. Tucson, AZ.
4. 1998. **Talk:** Third International Butterfly Ecology and Evolution Symposium. Mt. Crested Butte, CO.
3. 1997. **Talk:** Entomological Society of America. Nashville, TN.
2. 1997. **Talk:** Lepidopterists' Society. Quincy, CA.
1. 1997. **Poster:** Evolution Meeting. Boulder, CO.

Professional Service

Journal referee: Serves as peer-reviewer for 31 journals, including *Science*, *PLoS Genetics*, *Genetics*, *Development*, *Proceedings of the Royal Society of London B*, and *Molecular Biology and Evolution.*

Grant referee: Serves as grant reviewer for *National Institutes of Health (NIH)*, *National Science Foundation (NSF)*, *Netherlands Organisation for Scientific Research (NWO)*, and *Netherlands Council on Earth and Life Sciences (ALW)*.

University Service

Cornell:

2012-	Cornell University Insect Collection Committee
2012-	Board Member, Bradley Fund for the Advancement of Zoology

U.C. Irvine:

2012	Faculty Search Committee
2011-12	Graduate Admissions Committee
2011-12	Undergraduate Majors Committee
2011-12	Departmental Seminar Committee
2011	Ad Hoc Personnel Review Committee
2010	Ad Hoc Personnel Review Committee
2009-10	GAANN Fellowship Steering Committee
2009	Ad Hoc Personnel Review Committee
2009	Undergraduate Curriculum Committee
2008-10	Common Lab Steering Committee
2008-09	TA Assignment Committee
2007	Ad Hoc Personnel Review Committee
2007-12	Member, Center for Complex Biological Systems

Teaching

Lecturer:

2012 (W)	UCI - Introduction to Ecology and Evolution (BioSci E106), 97 Students
2012 (W)	UCI - Insect Biology (BioSci E184), 19 Students
2011 (F)	UCI - Ecology and Evolution Seminar (BioSci E107), 12 Students
2010 (W)	UCI - Insect Biology (BioSci E184), 20 Students
2010 (S)	UCI - Evolution (BioSci E168), 11 Students
2010 (S)	UCI - Insect Diversity (BioSci 2B), 10 Students
2009 (S)	UCI - Evolution (BioSci E168), 14 Students
2009 (S)	UCI - Insect Diversity (BioSci 2B), 15 Students
2008 (S)	UCI - Biology of Butterflies (BioSci 2B), 14 Students

Graduate Student Instructor:

2002 (S)	U. Arizona - Cell Biology (MCB 410)
2001 (S)	U. Arizona - Recombinant DNA Methods and Applications (MCB 473L)
2000 (F)	U. Arizona - Introductory Biology (MCB 181L)
2000 (S)	U. Arizona - Recombinant DNA Methods and Applications (MCB 473L)

Student Advising

Undergraduate Researchers:

University of Arizona Molecular Biology students:

Alicia Martin, Jessica Crance, Sarah Eng, Kari Stallcop, Carmen Green

Duke Biology students:

Rob Mitchell 2004

- Currently in Entomology Ph.D. program at U. Illinois Urbana-Champaign

Anna Koulova 2005

Po-Hao Chen 2006-07

- Currently in M.D./Ph.D. program at Harvard University

UCI Biology students:

Warren McDonald Bio 199 Spr 07-Spr 08

- Currently in Entomology Ph.D. program at U.C. Riverside

Jennifer Yuan	Undergraduate Volunteer	Sum 07-Sum 08
Rina Patel	Bio 199	Spr 08-Spr 09
Jonathan Ramirez	NIH Bridges to Baccalaureate	Sum 08
Silvia Lemus	Bio 199	Sum 08-Fall 08
Angela Finley	Bio 199	Sum 08-Wint 08
Victoria Konovalova	Bio 199	Sum 08-Spr 10
Lusha Wang	Bio 199	Wint 09-Wint 10
Sophia Chun-Ling Peng	Bio 199	Fall 09-Spr 10
Fern Baedyananda	Bio 199	Sum 10-Spr 11
Talia Gustafson	Bio 199	Fall 2010-Spr 12
Margaret McDuffee	Bio 199	Win 2011- Spr 12
Elizabeth Ewart	Bio 199	Sum 2011-Spr 12

Graduate Students:

James Lewis	Cornell - Ecology & Evolution	Sept 10-Present
Susan Finkbeiner	Cornell - Ecology & Evolution	Sept 09-Present
Emily Daniels	UCI - Ecology & Evolution	Sept 07-Sept 2012

- Ph.D. in *Biological Sciences* - UC Irvine - Sept 2012
- Dissertation: *Developmental and geographic perspectives on seasonal wing color plasticity in the butterfly Junonia coenia.*
- Currently in industry

Arnaud Martin	UCI - Ecology & Evolution	Sept 07-May 2012

- Ph.D. in *Evolutionary Genetics* - UC Irvine - May 2012
- Dissertation: *Tinkering on the wing: the developmental genetics of color pattern evolution in butterflies*
- Currently a postdoc at Cornell University

Postdocs:

Arnaud Martin	Cornell - Ecology & Evolution	Aug 12-Present
Riccardo Papa	UCI - Ecology & Evolution	June 07-June 10

- Currently tenure track Assistant Professor at U. Puerto Rico (R1)

Heather Hines	Joint UCI / NCSU NIH Fellow	Sept 09-Sept 12

- Currently tenure track Assistant Professor at Penn State (R1)

Educational Materials

Reed, R.D. and F.A.H. Sperling. (2002) Papilionidae. ***Tree of Life Web Project.***

Press Coverage of Work

- *Why Butterflies Sleep Together* (Mar ’12) **Science NOW**
- *The Secret Lives of Social Butterflies* (Mar ’12) **National Geographic Explorer’s Journal**
- *Social Butterflies Find Safety in Numbers* (Mar ’12) **ABC** (Australia)
- *Geselligkeit schützt Schmetterling* (Mar ’12) **Wissenschaft Aktuell** (Germany)
- *Überlebensstrategie von Schmetterling* (Mar ’12) **Spiegel Online** (Germany)
- *How Great Wings Can Look Alike* (Aug ’11) **Science** (perspective by Sean Carroll)
- *Animal Views* (July ’11) **Washington Post** (photo feature)
- *Borboleta inspira pesquisas genéticas* (July ‘11) **O Estado de Sao Paulo** (Brazil)
- *The convergent evolution of butterflies is controlled by a single gene* (July ‘11) **io9.com** (major popular culture site)
- *Colorful butterfly wings show deceptive evolution* (July ’11) **R&D Magazine**
- *Biologists identify butterfly ‘copy cat’ gene* (July ’11) **Cosmos Magazine** (Australia)
- *Eye gene colors butterfly wings red* (July ’11) **ScienceDaily**
- *UCI: Single gene yields butterfly look-alikes* (July ‘11) **Orange County Register**
- *Butterfly Vision, Wing Colors Linked*. (Feb ’10) **ScienceDaily**
- *Butterfly vision, wing colors linked, UCI study finds*. (Feb ’10) **UC Irvine Today**
- *Butterfly expert to embark on Japanese speaking tour.* (Sept ’07) **UCI ZotWire**
- *Secrets Behind Butterfly Wing Patterns Uncovered.* (Oct. ’07) **ScienceDaily**
- *UCI researchers circled globe in name of science.* (Dec ‘07) **Orange County Register**
- *UCI finds genes that make butterfly wing patterns.* (Nov ‘07) **Orange County Register**
- *The Butterfly as Copycat.* (March ‘05) **GenomeLIFE**
- *Pattern Formation: A Focus on Notch in Butterfly Eyespots* (Aug ’04) **Current Biology**
- *Schönheit liegt bei Schmetterlingen in den Genen.* (July ‘04) **Farbimpulse** (Germany)
- *Under the microscope.* (July ‘04) **The Independent** (UK)
- *Study Reveals Evolutionary Secrets in Butterfly Wings.* (July ‘04) **Vancouver Aquarium Aquanews**
- *Butterfly Beauty: All In the Genes.* (July ‘04) **Discovery Channel News**
- *Butterfly beauty is all in the genes.* (July ‘04) **ABC** (Australia)
- *Musterbildung auf Schmetterlingsflügeln aufgeklärt.* (July ‘04) **ORF** (Austria)
- *The Eyespots Have It.* (July ‘04) **Science NOW**

Other Media Interviews and Appearances

- *Finding genetic changes behind moths’ coloration* (April ’11) **L.A. Times**
- *New Light on Moths Gone Soot-Covered* (April ’11) **Science NOW**
- *Lost Tapes* (Fall Season ‘09) **Animal Planet**