CURRICULUM VITAE

CHRIS SIMON

e-Mail: chris.simon@uconn.edu
Website: http://hydrodictyon.eeb.uconn.edu/people/simon/Simon.htm
Scholar Profile: https://scholar.google.co.nz/citations?user=8bGdpS4AAAAJ&hl=en
Phone: (860) 486-4640 Office; (860) 486-3947 Lab; (860) 486-6364 Fax
Address Ecology & Evolutionary Biology, U-3043, UCONN, Storrs, CT 06269-3043

Education

1979 PhD Ecology and Evolution, State University of New York, Stony Brook
Dissertation: "Evolutionary relationships among the 13- and 17-year Periodical Cicadas."
1974 MS Department of Zoology, University of Florida, Gainesville
Thesis: Population genetics and ecology of an intertidal barnacle, *Balanus amphitrite amphitrite*."
1971 BS Department of Zoology, University of Florida, Gainesville

Positions

1996-pres Professor, Department of Ecology & Evolutionary Biology, U. Connecticut
1991-1996 Associate Professor, Dept. Ecology & Evolutionary Biology, U. Connecticut
1990-1991 Associate Professor, Dept. General Science, University of Hawaii
1985-1991 Graduate Faculty, Department of Zoology, University of Hawaii
1985-1991 Assistant Professor, Dept. General Science, University of Hawaii
1984-1985 NSF Postdoctoral Research Fellow, Dept. Biology, Washington U., St. Louis
1981-1982 Postdoctoral Research Associate, B.P. Bishop Museum, Honolulu, HI
1981-1985 Postdoctoral Research Associate, Dept. Zoology, University of Hawaii
1979-1980 Postdoctoral Research Associate, Dept. Biology, Univ. Chicago

Short Term and Joint Appointments

1981-pres. Research Associate, Bernice P. Bishop Museum, Honolulu, HI
1996-2010 Honorary Faculty Member, Victoria University of Wellington, New Zealand
2005-2007 Professorial Research Fellow, Victoria University, Wellington
1995-1998 Fulbright Fellowship, joint w/ Victoria University Wellington, Massey University, Palmerston North, and Otago University, Dunedin, N.Z.
1991-2000 Affiliate Graduate Faculty, University of Hawaii, Dept. Zoology (Ecology, Evolution, & Conservation Biology Graduate Program)
1992 Visiting Researcher, Biological Science, Victoria U., Wellington, N.Z.
1992 Visiting Researcher, Dept. Zoology, Univ. New Hampshire, Durham, NH
1988 Visiting Researcher, Dept. Biochemistry, U.C. Berkeley
1983 Coordinator, Org. Tropical Studies' Trop. Biol.: Ecol. Approach (Costa Rica)
1980 Coordinator, Org. Tropical Studies' Trop. Biol.: Ecol. Approach (Costa Rica)

Areas of Interest

My research focuses on molecular phylogenetic systematics and the application of information on molecular genetic processes to the improvement of evolutionary tree-building (phylogenetics). My lab works at the interface between theory and observations. We test newly proposed phylogenetic models and methods using our data. We then use our phylogenetic trees to answer questions related

to the origin, spread, maintenance, and documentation of biological diversity worldwide. The ultimate goal of my lab group's research is to understand speciation, biogeography, coevolution, and interactions at species' contact zones. The information we produce is valuable for taxonomy and conservation biology. **Specific topics:** evolution on islands; historical biogeography; genetic divergence in the early stages of reproductive isolation; hybridization; the origin and evolution of biological diversity and its relationship to past climates and landforms; geographic studies of genetic variation and population subdivision and their relationship to conservation; the evolution of periodical life cycles; the role of endosymbionts in the evolution of insect species; molecular evolution of the mitochondrial genome; secondary structure of ribosomal RNA and its relationship to rate of evolution. **Current Research organisms:** periodical cicadas, New Zealand/Pacific cicadas; Patagonian cicadas; world Cicadas, Cicada endosymbionts. Current geographic focal areas: Eastern North America, New Zealand, Australia, Patagonia. **Current Focal Geographic Areas**. Eastern North America, New Zealand, Australia, and Patagonia. **Current and past collaborations on the systematics and evolution of:** Auchenorrhyncha, Hawaiian damselflies; green lacewings; collembola.

Awards and Honors (See also, invited plenary addresses under "Invited Publications")

2017 UCONN Alumni Association, Research Excellence Award

2016 Honorary Fellow of the Royal Society of New Zealand

2003 Citation Classic Publication, ISI Essential Science Indicators (Web of Science), for publishing the 4th most highly cited paper in Plant and Animal Sciences over the previous ten years (see publications for title). http://in-cites.com/papers/DrChrisSimon.html

1995-8 Fulbright Research Fellowship (3 months/year for 3 years)

1989 President Fujio Matsuda Scholar research award, University of Hawaii

1988 Presidential Citation, Teaching Excellence (Assistant Professor), Univ. Hawaii

1984 NSF Postdoctoral Fellow

1978 Associate Membership in Sigma Xi

1976 Theodore Roosevelt Memorial Fund Research Grant (Graduate Student)

1976 President's Award, Teaching Excellence (Graduate Student), SUNY Stony Brook

1973-6 Sigma Xi Grants-in-Aid-of-Research (Three)

Commissions, Boards, Editorships, Advisory Roles

1990-present, Editorial Board, Trends in Ecology & Evolution

2010-2015 International Scientific Advisory Panel, the Allan Wilson Centre for Molecular Ecology and Evolution (Auckland U., Massey U., Victoria U., U. Christchurch, and U. Otago, New Zealand).

2006-2011 Project Advisor, NSF Partnerships for International Research and Education (PIRE) Project, Patagonian Biodiversity and Phylogeography.

2002-2004, Editor, Systematic Biology (Impact factor rose from 7.12 to 10.25 during this time)

2001, Editor elect, Systematic Biology

1992-95, 2005, 2011, 2016 Systematics and Population Biology Grant Review Panels, National Science Foundation

1995-2000, Associate Editor, Systematic Biology (two terms)

1992-2000, Editorial Board, Proceedings of the Hawaiian Entomological Society

1989-9, Natural Areas Reserves System Commissioner, (Conservation Advisory Board for the Governor of Hawaii and consultant to State Dept. Land and Natural Resources).

1990-93, Hawaii Conservation Biology Initiative Council

1980, Member of Board of Governors, Staten Island Museum

Society Memberships/Offices Held

International Biogeography Society
2013-pres. Continental Coordinator for Australasia

Society of Systematic Biologists

2009–2016 Advisor to the executive council
2016-2019 Nominations Committee (2018-2019, Chair)
2008–2013 Publications committee
2009–2010 Long-range planning committee
2009 Nominations committee
2006–2008 President-elect, President, and Past President
1995–2008 Executive board
2006-2008 SSB/SSE joint council
1998–2001 Secretary (This Position is now called Executive Vice President on my recommendation)
1995–1998 Program director
1996–1998 SSB/SSE joint council
1996–1997 Membership committee
1994 Ernst Mayr award committee
1993 Nominations committee

Society for the Study of Evolution
2003-2005 Nominations Committee
1998 Vice President
1991-1994 Council
1991 Meeting Organizer

Society for Molecular Biology & Evolution
2004, 1995 Nominations Committee

Hawaiian Entomological Society
1984-1985 Secretary; Executive Committee
1989-1990 Executive Committee

Association for Tropical Biology
1992 Program Director

Hawaiian Botanical Society
1984-1985 Vice President

External Grants Awarded

2017-2020 **NSF DEB 1655891 – Phylogenetic Systematics: $846,955**. C. Simon PI with co-PIs D. Marshall, J. Cooley, T. Buckley.
Exploring Endosymbiont Biodiversity and Complexity in the Family Cicadidae

2015–2016 **National Geographic Society Research and Exploration Grant: $24,920**
co-PI, with PI P. Lukasik, co-PIs J. McCutcheon, D. Quammen
The ecological genomics of symbiont complexity in cicadas

2010–2015 **NSF DEB 0955849 – Phylogenetic Systematics: $642,900 + $21,250 (3 REU supplements)**
PI, with co-PIs T. Buckley, M. Villet, M. Moulds, D. Marshall

Systematics and biogeography of the family Cicadidae worldwide: subsampling the tree of life

2007–2012 **NSF DEB 0720664 – Phylogenetic Systematics: $475,000 + $44,250 (5 REU supplements)**
PI, with co-PIs T. Buckley, P. Ritchie, M. Moulds, J. Cooley
Systematics and biogeography of Australian Cicadettini and their relatives worldwide

2006–2011 **NSF DEB 0529679 – PEET Program: $750,000 + $7,500 (1 REU supplement)**
PI s J. Cryan, C. Dietrich, C. Simon
PEET: Partnerships for training new experts in Auchenorrhyncha taxonomy

2004–2010 **NSF DEB 0422386 – Evolutionary Processes: $400,000 + $37,000 (4 REU supplements)**
PI, with co-PI T. Buckley
Phylogeography of New Zealand cicadas

2004–2010 **NSF DEB 10111585 – Dissertation Improvement Grant: $14,769**
PI, with PhD student Christopher Owen, co-PI
Systematics and diversification of the Australian cicada genus Pauropsalta

2006–2008 **New Zealand Marsden Fund (equivalent of US NSF): NZ $675,000 ($18,400 to UConn)**
Associate investigator (with PI T. Buckley and associate investigators G. Thackray, M. Mar)
Ice age refugia in New Zealand

2001–2005 **NSF DEB 0089946 – Phylogenetics Systematics: $270,000 + $51,500 (5 REU supplements)**
PI, with co-PI G. Chambers
Origins of New Zealand cicadas

2001–2004 **New Zealand Marsden Fund (equivalent of US NSF), NZ $315,000**
PI, with co-PI G. Chambers
Are "biological species" real? Sexual signal evolution, gene exchange and species histories

2000–2001 **NSF 0073314– Dissertation Improvement Grant: $ 10,000**
PI, with Ph.D. student S. Jordan
Molecular systematics, origin, and conservation in the Hawaiian damselfly genus Megalagrion

2000–2004 **NSF DEB 992039 – Population Biology: $270,000 + $28,000 (5 REU supplements)**
sole PI
Allochronic speciation, reproductive character displacement, and sexual selection in periodical cicadas

1998–2001 **NSF DEB 9807113 – Accomplishment-Based Renewal: $100,000 + $45,511 (2 REU supplements)**
sole PI
Evolution of 13- and 17-year periodical cicadas

1998 **NSF DEB 9812779 – Small Grant for Exploratory Research: $46,115**
sole PI
Collection of co-emergence of 13- and 17-year periodical cicadas

1998 **National Geographic Society Research and Exploration Grant: $26,400**
PI, with co-PIs G. Chambers and M. S. Moulds
Biodiversity and biogeography of New Zealand cicadas and their relatives

1997 **NATO Collaborative Research Grant: $4,500**
co-PI, with PI F. Frati and co-PI J. Sullivan
Molecular phylogenetics of the apterygote Insects and their relatives

1996 **National Geographic Society Research and Exploration Grant: $20,000**
sole PI
Biogeography, population genetics, genealogy and conservation of New Zealand Cicadas

1994 **National Biological Survey: $5,000**
sole PI
Conservation genetics of Hawaiian damselflies

1990–1991 **Hawaii Bishop Research Institute Grant: $41,000 (CS portion)**
in collaboration with F. Howarth and F. Stone
Evolutionary studies of Hawaiian cave crickets and cave planthoppers

1989–1990 **Nature Conservancy of Hawaii, Conservation Biology Seed Grant: $5,000**
PI, with co-PI H. Hoch
Genetic divergence and phylogenetic relationships in cave adapted Hawaiian planthoppers

1989–1990 **University of Hawaii, Fujio Matsuda Research Award: $7,500**
sole PI
Nucleotide sequencing of mtDNA of native Hawaiian insects to reconstruct evolutionary histories

1989–1994 **NSF BSR 8822710 – Evolutionary Processes: $210,000 + $15,000 (2 REU supplements)**
sole PI
Exploiting conserved and variable regions of the mitochondrial genome of insects for phylogenetic studies: periodical cicadas as a model system

1986–1989 **NSF BSR 8509164 – Evolutionary Processes: $135,000**
sole PI
Evolutionary relationships among periodical cicadas

1984–1985 **NSF BSR 8411083 – NSF Postdoctoral Fellowship: $26,400**
sole PI
Evolutionary relationships among periodical cicadas based on mtdna, allozymes, and morphometrics

1981–1982 **NSF DEB 8107038 – Evolutionary Processes: $34,887 (CS portion)**
subcontractor, with PI M. Lloyd
Evolutionary relationships among 13- and 17-year periodical cicadas

1979–1980 **NSF DEB 7810710 – Evolutionary Processes: $33,120 (CS portion)**
subcontractor, with PI M. Lloyd
Eolutionary relationships among periodical cicadas: predictions and the Pleistocene

Internal Awards (Last five years).

2017 **UCONN National Fellowship Incentives Program** (for mentoring Diler Haji in the production of his successful NSF GRFP

2016 **UCONN Vice President's Research Excellence Fund $24,906.**
Using anchored hybrid enrichment genomics to study the biodiversity of a host-symbiont consortium against a backdrop of changing climates

2013 **UCONN Faculty Large Grant. $17,448.**
Bridging Funds for Phylogeny and Biogeography of World Cicadas and Seed Data for New Bacterial Endosymbiont Co-phylogeny NSF Submission

2010 **UCONN Faculty Large Grant. $24,000.**
Using CAGT Genomic FLX technology to locate microsatellites to collect preliminary data for tracking gene flow across species boundaries.

Peer Reviewed Publications (collaborators outside the Simon Lab in dark red font)

Marshall, D.C., Max Moulds, Kathy B.R. Hill, Benjamin W. Price, Elizabeth J. Wade, Christopher L. Owen, Geert Goemans, Kiran Marathe, Vivek Sarkar, John R. Cooley, Allen F. Sanborn, Krushnamegh Kunte, Martin H. Villet, and **Chris Simon**. 2018. A molecular phylogeny of the cicadas (Hemiptera: Cicadidae) with a review of tribe and subfamily classification. Zootaxa, in press. 65 pp.

Fujisawa, Tomochika, Takuya Koyama, Satoshi Kakishima, John R. Cooley, **Chris Simon**, Jin Yoshimura, and Teiji Sota. 2018. Triplicate parallel life cycle divergence despite gene flow in periodical cicadas. Communications Biology. in press. DOI: 10.1038/s42003-018-0025-7

Piotr Łukasik, Katherine Nazario, James T. Van Leuven, Matthew A. Campbell, Mariah Meyer, Anna Michalik, Pablo Pessacq, **Chris Simon**, Claudio Veloso, John P. McCutcheon. 2018. Multiple origins of interdependent endosymbiotic complexes in a genus of cicadas. Proceedings of the National Academy of Sciences USA. 115(2):229-432. Published on line December 26, 2017. E226–E235 | PNAS

Campbell, Matthew A., Piotr Lukasik, **Chris Simon,** and J. P. McCutcheon. 2017. Idiosyncratic genome degredation in a bacterial endosymbiont of periodical cicadas. Current Biology 27: 1-8. https://doi.org/10.1016/j.cub.2017.10.008

Kritsky, Gene, Roy Troutman, Dan Mozgai, **Chris Simon**, Stephen M. Chiswell, Satoshi Kakashima, Teiji Sota, Jin Yoshimura, John R. Cooley. 2017. Evolution and geographic extent of a surprising northern disjunct population of 13-year cicada Brood XXII (Hemiptera: *Cicadidae, Magicicada*). American Entomologist. 63(4): E-15-E-20. DOI: 10.1093/ae/tmx066

Banker, S.E., E.J. Wade, and **C. Simon.** 2017. The confounding effects of hybridization on phylogenetic estimation in the New Zealand cicada genus *Kikihia*. **Molecular Phylogenetics and Evolution** 116:172-181. http://dx.doi.org/10.1016/j.ympev.2017.08.009

Owen, Christopher L., David C. Marshall, Kathy B.R. Hill, **C. Simon.** 2017. How the aridification of Australia structured the biogeography and influenced the diversification of a large lineage of Australian cicadas. Systematic Biology. 66(4): 569-589. DOI:10.1093/sysbio/syw078

Koyama, T., H. Ito, T. Fujisawa, H. Ikeda, S. Kadishima, J.R. Cooley, **C. Simon**, J. Yoshimura, and T. Sota. 2016. Genomic divergence and lack of introgressive hybridization between two 13-year periodical cicadas support life cycle switching in the face of climate change. Molecular Ecology 25: 5543-5556.

Kjer, K.M., **C. Simon**, M. Yavorskaya, and R.G. Beutel. 2016. Progress, pitfalls, and parallel universes: A history of insect phylogenetics. **Journal of the Royal Society Interface.** 13:20160363. http://doi.org/10.1098/rsif.2016.0363.

Hertach, T., S. Puissant, M. Gogala, T. Trilar, R. Hagmann, H. Baur, G. Kunz, E.J. Wade, S.P. Loader, **C. Simon**, P. Nagel. 2016. Complex within a complex: Integrative taxonomy reveals hidden diversity in Cicadetta brevipennis (Hemiptera: Cicadidae) and unexpected relationships with a song divergent relative. **PLoS ONE** 11(11): e0165562. 41 pages. Doi: 10.1371/journal.pone.0165562.

Marshall, D. C., K. B. Hill, M. Moulds, D. Vanderpool, J. R. Cooley, A. B. Mohagan, and **C. Simon. 2016.** Inflation of Molecular Clock Rates and Dates: Molecular Phylogenetics, Biogeography, and Diversification of a Global Cicada Radiation from Australasia (Hemiptera: Cicadidae: Cicadettini). **Systematic Biology 65**:16-34. + 54 pages of supplemenatry material online.

Cooley, J.R., G. Kritsky, D.C. Marshall, K.B.R. Hill, G. Bunker, M.L. Neckerman, J. Yoshimura, J.E. Cooley, and **C. Simon**. 2016. A GIS-based map of periodical cicada Brood XIII in 2007, with notes on adjacent populations of Broods III and X (Hemiptera: *Magicicada* spp.). **American Entomologist**. 62(4):241-246.

Price, B., E. Allan, K. Marathe, V. Sarkar, C. Simon, and K. Kunte. 2016. The cicadas (Hemiptera: Cicadidae) of India, Bangladesh, Bhutan, Myanmar, Nepal and Sri Lanka: an annotated catalogue, regional checklist and bibliography. **The Biodiversity Data Journal** 4, e8051.

Wade, E. J., and **C. Simon. 2015.** Isolation and characterization of microsatellite markers useful for exploring introgression among species in the diverse New Zealand Cicada Genus *Kikihia*. **Journal of Insect Science 15**:29.

Wade, E., T. Hertach, M. Gogala, T. Trilar, and **C. Simon. 2015.** Molecular species delimitation methods recover most song-delimited cicada species in the European *Cicadetta montana* complex. **Journal of Evolutionary Biology 28**:2318-2336.

Owen, C. L., D. C. Marshall, K. B. Hill, and **C. Simon. 2015.** The phylogenetic utility of acetyltransferase (ARD1) and glutaminyl tRNA synthetase (QtRNA) for reconstructing Cenozoic relationships as exemplified by the large Australian cicada *Pauropsalta* generic complex. **Molecular Phylogenetics and Evolution 83**:258-277.

Koyama, T., H. Ito, S. Kakishima, J. Yoshimura, J. R. Cooley, **C. Simon**, and T. Sota. **2015.** Geographic body size variation in the periodical cicadas *Magicicada*: implications for life cycle divergence and local adaptation. **Journal of Evolutionary Biology 28**:1270-1277. Recommended by the Peer Community in Evolutionary Biology (PCI Evol Biol). https://evolbiol.peercommunityin.org/public/rec?id=40.

Hill, K. B., D. C. Marshall, M. S. Moulds, and **C. Simon. 2015.** Molecular phylogenetics, diversification, and systematics of *Tibicen* Latreille 1825 and allied cicadas of the tribe Cryptotympanini, with three new genera and emphasis on species from the USA and Canada (Hemiptera: Auchenorrhyncha: Cicadidae). **Zootaxa 3985**:219-251.

Hertach, T., T. Trilar, E. J. Wade, **C. Simon,** and P. Nagel. **2015.** Songs, genetics, and morphology: revealing the taxonomic units in the European *Cicadetta cerdaniensis* cicada group, with a description of new taxa (Hemiptera: Cicadidae). **Zoological Journal of the Linnean Society 173**:320-351.

Ellis, E. A., D. C. Marshall, K. B. Hill, C. L. Owen, P. J. Kamp, and **C. Simon. 2015.** Phylogeography of six codistributed New Zealand cicadas and their relationship to multiple biogeographical boundaries suggest a re-evaluation of the Taupo Line. **Journal of Biogeography 42**:1761-1775.

Cooley, J. R., C. Simon, C. T. Maier, D. Marshall, J. Yoshimura, S. M. Chiswell, M. Edwards, C. Holliday, R. Grantham, and J. Zyla. **2015.** The Distribution of Periodical Cicada (Hemiptera: Cicadidae: *Magicicada*) Brood II in 2013: Disjunct Emergences Suggest Complex Brood Origins. **American Entomologist** 61:245-251.

Campbell, M. A., J. T. Van Leuven, R. C. Meister, K. M. Carey, **C. Simon,** and J. P. McCutcheon. **2015.** Genome expansion via lineage splitting and genome reduction in the cicada endosymbiont Hodgkinia. **Proceedings of the National Academy of Sciences** USA 112:10192-10199. Highlighted in **Science** "News / In Depth" 31 Oct 2014.

Van Leuven, J. T., R. C. Meister, **C. Simon,** and J. P. McCutcheon. **2014.** Sympatric speciation in a bacterial endosymbiont results in two genomes with the functionality of one. **Cell** 158:1270-1280.
Featured in **CELL** "Leading Edge Previews" 11 Sep 2014; in **Science** "ScienceShots" 15 Sept 2014; and in **National Geographic** "Phenomena" 28 Aug 2014.

Sota, T., S. Yamamoto, **J. R. Cooley, K. B. Hill, C. Simon,** and J. Yoshimura. **2013.** Independent divergence of 13-and 17-y life cycles among three periodical cicada lineages. **Proceedings of the National Academy of Sciences 110**:6919-6924.
Highlighted in a **PNAS** "Commentary" 23 April 2013; an article in the **NY Times** Science section, 14 May 2013; and in a **Nature** "News and Comment" 28 May 2013; and a **Science** Editor's Choice, 5 April 3013.

Cooley, J. R., D. C. Marshall, **C. Simon,** M. L. Neckermann, and G. Bunker. **2013.** At the limits: habitat suitability modelling of northern 17-year periodical cicada extinctions (Hemiptera: *Magicicada* spp.). **Global Ecology and Biogeography** 22:410-421.

Cooley, J.R., D.C. Marshall, A.F. Richards, R.D. Alexander, M.D. Irwin, J.R. Coelho, and **C. Simon. 2013.** The Distribution of Periodical cicada Brood III in 1997, with special emphasis on Illinois (Hempitera: *Magicicada* spp.). **American Entomologist** 59 (1): 9-14.

Marshall, D. C., K. B. Hill, K. A. Marske, C. Chambers, T. R. Buckley, and **C. Simon. 2012.** Limited, episodic diversification and contrasting phylogeography in a New Zealand cicada radiation. **BMC Evolutionary Biology** 12:177.

Marshall, D. C., K. B. Hill, J. R. Cooley, and **C. Simon. 2011.** Hybridization, mitochondrial DNA phylogeography, and prediction of the early stages of reproductive isolation: lessons from New Zealand cicadas (genus *Kikihia*). **Systematic Biology** 60:482-502.

Cooley, J. R., G. Kritsky, M. J. Edwards, J. D. Zyla, D. C. Marshall, K. B. Hill, G. Bunker, M. Neckermann, R. Troutman, J. Yoshimura and **C. Simon. 2011.** Periodical cicadas (*Magicicada* spp.): A GIS-based map of Broods XIV in 2008 and "XV" in 2009. **American Entomologist** 57:144-151.

Yoshimura, J., T. Hayashi, Y. Tanaka, K. Tainaka, and **C. Simon. 2009.** Selection for prime-number intervals in a numerical model of periodical cicada evolution. **Evolution** 63:288-294.

Tanaka, Y., J. Yoshimura, **C. Simon,** J. R. Cooley, K. Tainaka. **2009.** Allee effect in the selection for prime-numbered cycles in periodical cicadas. **Proceedings of the National Academy of Sciences USA** 106:8975-8979.

Simon, C. 2009. Using New Zealand examples to teach Darwin's "Origin of Species": Lessons from molecular phylogenetic studies of cicadas. **NZ Science Review** 66:102-112.

Marshall, D. C., K. B. Hill, K. M. Fontaine, T. R. Buckley, and **C. Simon. 2009**. Glacial refugia in a maritime temperate climate: cicada (*Kikihia* subalpina) mtDNA phylogeography in New Zealand. **Molecular Ecology** 18:1995-2009.

Hill, K. B., **C. Simon,** D. C. Marshall, and G. K. Chambers. **2009.** Surviving glacial ages within the biotic gap: phylogeography of the New Zealand cicada *Maoricicada campbelli*. **Journal of Biogeography** 36:675-692.

Cooley, J. R., G. Kritsky, M. J. Edwards, J. D. Zyla, D. C. M. K. B. Hill, R. Krauss, and **C. Simon. 2009.** The Distribution of Periodical Cicada Brood X in 2004. **American Entomologist** 55:107.

Marshall, D. C., K. Slon, J. R. Cooley, K. B. Hill, and **C. Simon. 2008.** Steady Plio-Pleistocene diversification and a 2-million-year sympatry threshold in a New Zealand cicada radiation. **Molecular Phylogenetics and Evolution** 48:1054-1066.

Sueur, J., D. Vanderpool, **C. Simon,** D. Ouvrard, and T. Bourgoin. **2007.** Molecular phylogeny of the genus Tibicina (Hemiptera, Cicadidae): rapid radiation and acoustic behaviour. **Biological Journal of the Linnean Society** 91:611-626.

Fontaine, K. M., J. R. Cooley, and **C. Simon. 2007.** Evidence for paternal leakage in hybrid periodical cicadas (Hemiptera: *Magicicada* spp.). **PLoS One** 2:e892.

Buckley, T. R., and **C. Simon. 2007.** Evolutionary radiation of the cicada genus *Maoricicada* Dugdale (Hemiptera: Cicadoidea) and the origins of the New Zealand alpine biota. **Biological Journal of the Linnean Society** 91:419-435.

Simon, C., T. R. Buckley, F. Frati, J. B. Stewart, and A. T. Beckenbach. **2006.** Incorporating molecular evolution into phylogenetic analysis, and a new compilation of conserved polymerase chain reaction primers for animal mitochondrial DNA. **Annual Review of Ecology, Evolution, and Systematics** 37:545-579 + 45 pages of on-line supplement.

Marshall, D. C., **C. Simon,** and T. R. Buckley. **2006.** Accurate branch length estimation in partitioned Bayesian analyses requires accommodation of among-partition rate variation and attention to branch length priors. **Systematic Biology** 55:993-1003.

Cooley, J. R., D. C. Marshall, K. B. Hill, and **C. Simon. 2006.** Reconstructing asymmetrical reproductive character displacement in a periodical cicada contact zone. **Journal of Evolutionary Biology** 19:855-868.

Buckley, T. R., M. Cordeiro, D. C. Marshall, and **C. Simon. 2006.** Differentiating between hypotheses of lineage sorting and introgression in New Zealand alpine cicadas (*Maoricicada* Dugdale). **Systematic Biology** 55: 411-425.

Jordan, S., **C. Simon,** D. Foote, and R. A. Englund. **2005.** Phylogeographic patterns of Hawaiian Megalagrion damselflies (Odonata: Coenagrionidae) correlate with Pleistocene island boundaries. **Molecular Ecology** 14:3457-3470.

Cooley, J. R., D. C. Marshall, and **C. Simon. 2004.** The historical contraction of periodical cicada Brood VII (Hemiptera: Cicadidae: *Magicicada*). **Journal Of The New York Entomological Society** 112:198-204.

Carapelli, A., F. N. Soto-Adames, **C. Simon,** F. Frati, F. Nardi, and R. Dallai. **2004.** Secondary structure, high variability and conserved motifs for domain III of 12S rRNA in the Arthropleona (Hexapoda; Collembola). **Insect Molecular Biology** 13:659-670.

Arensburger, P., **C. Simon**, and K. Holsinger. 2004. Evolution and phylogeny of the New Zealand cicada genus *Kikihia* Dugdale (Homoptera: Auchenorrhyncha: Cicadidae) with special reference to the origin of the Kermadec and Norfolk Islands' species. **Journal of Biogeography** 31:1769-1783.

Arensburger, P., T. R. Buckley, **C. Simon**, M. Moulds, and K. E. Holsinger. **2004.** Biogeography and phylogeny of the New Zealand cicada genera (Hemiptera: Cicadidae) based on nuclear and mitochondrial DNA data. **Journal of Biogeography** 31:557-569.

Saux, C., **C. Simon**, and G. S. Spicer. **2003**. Phylogeny of the dragonfly and damselfly order Odonata as inferred by mitochondrial 12S ribosomal RNA sequences. **Annals of the Entomological Society of America** 96:693-699.

Jordan, S., **C. Simon**, and D. Polhemus. **2003.** Molecular systematics and adaptive radiation of Hawaii's endemic Damselfly genus Megalagrion (Odonata: Coenagrionidae). **Systematic Biology** 52:89-109.

Cooley, J. R., **C. Simon**, and D. C. Marshall. **2003**. Temporal separation and speciation in periodical cicadas. **Bioscience** 53:151-157.

Schauber, E. M., D. Kelly, P. Turchin, **C. Simon**, W. G. Lee, R. B. Allen, I. J. Payton, P. R. Wilson, P. E. Cowan, and R. Brockie. **2002**. Masting by eighteen New Zealand plant species: the role of temperature as a synchronizing cue. **Ecology** 83:1214-1225.

Buckley, T. R., P. Arensburger, **C. Simon**, and G. K. Chambers. **2002**. Combined data, Bayesian phylogenetics, and the origin of the New Zealand cicada genera. **Systematic Biology** 51:4-18.

Cooley, J. R., **C. Simon**, D. C. Marshall, K. Slon, and C. Ehrhardt. **2001.** Allochronic speciation, secondary contact, and reproductive character displacement in periodical cicadas (Hemiptera: *Magicicada* spp.): genetic, morphological, and behavioural evidence. **Molecular Ecology** 10:661-671.

Buckley, T. R., **C. Simon**, H. Shimodaira, and G. K. Chambers. **2001.** Evaluating hypotheses on the origin and evolution of the New Zealand alpine cicadas (*Maoricicada*) using multiple-comparison tests of tree topology. **Molecular Biology and Evolution** 18:223-234.

Buckley, T. R., **C. Simon**, and G. K. Chambers. **2001.** Phylogeography of the New Zealand cicada *Maoricicada* campbelli based on mitochondrial DNA sequences: ancient clades associated with cenozoic environmental change. **Evolution** 55:1395-1407.

Buckley, T. R., **C. Simon**, and G. K. Chambers. **2001.** Exploring among-site rate variation models in a maximum likelihood framework using empirical data: effects of model assumptions on estimates of topology, branch lengths, and bootstrap support. **Systematic Biology** 50:67-86.

Artiss, T., T. R. Schultz, D. A. Polhemus, and **C. Simon**. **2001.** Molecular phylogenetic analysis of the dragonfly genera Libellula, Ladona, and Plathemis (Odonata: Libellulidae) based on mitochondrial cytochrome oxidase I and 16S rRNA sequence data. **Molecular Phylogenetics and Evolution** 18:348-361.

Simon, C., J. Tang, S. Dalwadi, G. Staley, J. Deniega, and T. R. Unnasch. **2000.** Genetic evidence for assortative mating between 13-year cicadas and sympatric "17-year cicadas with 13-year life cycles" provides support for allochronic speciation. **Evolution** 54:1326-1336.
The above article was highlighted in articles in: 1) New Scientist, 17 July 99; 2) Science News, 24 June 2000; 3) "Editor's Choice" section of SCIENCE magazine, Sept 1, 2000; and 4) Trends in Ecology and Evolution, February 2001.

Hickson, R. E., **C. Simon**, and S. W. Perrey. **2000.** The performance of several multiple-sequence alignment programs in relation to secondary-structure features for an rRNA sequence. **Molecular Biology and Evolution** 17:530-539.

Carapelli, A., F. Frati, F. Nardi, R. Dallai, and **C. Simon**. **2000.** Molecular phylogeny of the apterygotan insects based on nuclear and mitochondrial genes. **Pedobiologia** 44:361-373.

Buckley, T. R., **C. Simon**, P. K. Flook, and B. Misof. **2000.** Secondary structure and conserved motifs of the frequently sequenced domains IV and V of the insect mitochondrial large subunit rRNA gene. **Insect Molecular Biology** 9:565-580.

Henry, C. S., M. L. M. Wells, and **C. Simon. 1999.** Convergent evolution of courtship songs among cryptic species of the Carnea group of green lacewings (Neuroptera: Chrysopidae: *Chrysoperla*). **Evolution** 53(4):1165-1179.

Frati, F., **C. Simon**, J. Sullivan, and D. L. Swofford. **1997.** Evolution of the mitochondrial cytochrome oxidase II gene in collembola. **Journal of Molecular Evolution** 44:145-158.

Sullivan, J., K. E. Holsinger, and **C. Simon**. **1996.** The effect of topology on estimates of among-site rate variation. **Journal of Molecular Evolution** vol **42**:308-312.

Simon, C., L. Nigro, J. Sullivan, K. Holsinger, A. Martin, A. Grapputo, A. Franke, and C. McIntosh. **1996.** Large differences in substitutional pattern and evolutionary rate of 12S ribosomal RNA genes. **Molecular Biology and Evolution** 13:923-932.

Hickson, R. E., **C. Simon**, A. Cooper, G. S. Spicer, J. Sullivan, and D. Penny. **1996.** Conserved sequence motifs, alignment, and secondary structure for the third domain of animal 12S rRNA. **Molecular Biology and Evolution** 13:150-169.

Williams, K. S., and **C. Simon**. **1995.** The ecology, behavior, and evolution of periodical cicadas. **Annual Review of Entomology** 40:269-295.

Sullivan, J., K. E. Holsinger, and **C. Simon**. **1995.** Among-site rate variation and phylogenetic analysis of 12S rRNA in sigmodontine rodents. **Molecular Biology and Evolution** 12:988-1001.

Phillips, A. J., and **C. Simon**. **1995.** Simple, efficient, and nondestructive DNA extraction protocol for arthropods. **Annals of the Entomological Society of America** 88:281-283.

Simon, C., F. Frati, A. Beckenbach, B. Crespi, H. Liu, and P. Flook. **1994.** Evolution, weighting, and phylogenetic utility of mitochondrial gene sequences and a compilation of conserved polymerase chain reaction primers. **Annals of the Entomological Society of America** 87:651-701.

Heliovaara, K., R. Vaisanen, and **C. Simon**. **1994.** Evolutionary ecology of periodical insects. **Trends in Ecology and Evolution** 9:475-480.

Simon, C., C. McIntosh, and J. Deniega. **1993.** Standard restriction fragment length analysis of the mitochondrial genome is not sensitive enough for phylogenetic analysis or identification of 17-year periodical cicada broods (Hemiptera: Cicadidae): the potential for a new technique. **Annals of the Entomological Society of America** 86:228-238.

Martin, A. and **C. Simon**. **1990**. Temporal variation in insect life cycles and its evolutionary significance: Lessons from periodical cicadas. **BioScience** May:359-367.

Martin, A. and **C. Simon**. 1990. Differing levels of among-population divergence in the mitochondrial DNA of 13- versus 17-year periodical cicadas related to historical biogeography. **Evolution** 44(4): 1066-1088.

Archie, J. W., **C. Simon**, and A. Martin. **1989.** Small sample size does decrease the stability of dendrograms calculated from allozyme-frequency data. **Evolution** 43:678-683.

Simon, C. 1988. Evolution of 13-and 17-year periodical cicadas (Homoptera: Cicadidae: *Magicicada*) [and a review of the state of molecular systematics of insects]. **Bulletin of the Entomological Society of America** 34:163-176.

Martin, A. P., and **C. Simon**. **1988**. Anomalous distribution of nuclear and mitochondrial DNA markers in periodical cicadas. **Nature** 336: 237-239.

Simon, C. 1987. Hawaiian evolutionary biology: An introduction. **Trends in Ecology & Evollution** 2:175-178.

Simon, C., and J. Archie. **1985.** An empirical demonstration of the lability of heterozygosity estimates. **Evolution** 39:463-467.

Archie, J., **C. Simon**, and D. Wartenberg. **1985.** Geographical patterns and population structure in periodical cicadas based on spatial analysis of allozyme frequencies. **Evolution** 39:1261-1274.

Simon, C., W. C. Gagné, F. G. Howarth, and F. J. Radovsky. **1984**. Hawai'i: a natural entomological laboratory. **Bulletin of the Entomological Society of America** 30:9-17.

Lloyd, M., G. Kritsky, and **C. Simon**. **1983.** A simple Mendelian model for 13-and 17-year life cycles of periodical cicadas, with historical evidence of hybridization between them. **Evolution** 37:1162-1180.

Simon, C. 1983. Morphological differentiation in wing venation among broods of 13-and 17-year periodical cicadas. **Evolution** 37:104-115.

Simon, C., W. Steffan, W. Moss, and N. Evenhuis. 1982. The genus Toxorhynchites (Diptera: Culicidae); numerical phylogenetic analysis of *Toxorhynchites splendenis* and allies with phenetic comparisons. **Mosquito Systematics**. 14(4):221-254.

Simon, C., and M. Lloyd. **1982.** Disjunct Synchronic Populations of 17-Year Periodical Cicadas: Relicts or Evidence of Polyphyly? **Journal of The New York Entomological Society** XC(4):275-301.

Carson, H., F. Val, **C. Simon**, and J. Archie. **1982.** Morphometric evidence for incipient speciation in Drosophila silvestris from the island of Hawaii. **Evolution** 36:132-140.

Simon, C., R. Karban, and M. Lloyd. **1981.** Patchiness, density, and aggregative behavior in sympatric allochronic populations of 17-year cicadas. **Ecology** 62:1525-1535.

Levinton, J. S., and **C. Simon. 1980.** Society of Systematic Biologists. **Systematic Zoology** 29:130-142.

Simon, C. 1979. Brood II of the 17-year cicada on Staten Island: timing and distribution. Proc. Staten Island Institute Arts and Science 30(2):35-46.

Simon, C. 1979. Evolution of periodical cicadas: phylogenetic inferences based on allozymic data. **Systematic Zoology** 28:22-39

Submitted

Wade, E.J., David C. Marshall, Kathy B.R. Hill, and **Chris Simon**. Submitted Dec 2016. Heterogeneous responses to secondary contact uncorrelated with genetic distance. Submitted to the J. Heredity.

Fujisawa, Tomochika, Takuya Koyama, Satoshi Kakishima, John R. Cooley, **Chris Simon**, Jin Yoshimura, and Teiji Sota. 2017. Parallel life cycle divergence with gene flow in three pairs of 13- and 17-year periodical cicadas. Submitted to Communications Biology.

Piotr Łukasik, Piotr, Katherine Nazario, James T. Van Leuven, Matthew A. Campbell, Mariah Meyer, Anna Michalik, Pablo Pessacq, **Chris Simon**, Claudio Veloso, John P. McCutcheon. 2017. Multiple splits of a nutritional endosymbiont into interdependent symbiotic complexes. Submitted to PNAS, revision invited and resubmitted.

Book Chapters

Jordan, S., E. Barruet, M. Olaf, B. Parsons, and **C. Simon. 2007.** Blue hawaiiense and beyond: conservation genetics and comparative phylogeography of four Hawaiian *Megalagrion* damselfly species (Odonata: Coenagrionidae). Biology of Hawaiian Streams and Estuaries. NL Evenuis & JM Fitzsimons (Eds.) Bishop Museum Bulletin in Cultural and Environmental Studies 3:247-260.

Simon, C. 1992. Discriminant analysis of year-classes of periodical cicadas based on wing morphometric data enhanced by molecular information. In: Ordinations in the Study of Morphology, Evolution and Systematics of Insects: Applications and quantitative genetic rationales. J.T. Sorensen and R.G. Footit, eds. Elsevier, Amsterdam.

Simon, C. 1991. Organelle DNA studies of the evolution of recently derived species complexes in the Hawaiian Islands. Pp. 296-303. *In*: E. Dudley (ed), Proceedings of the Fourth International Congress of Systematics and Evolutionary Biology. Dioscorides Press.

Simon, C., A. Franke, and A. Martin. **1991.** The polymerase chain reaction: DNA extraction and amplification. Pages 329-355 Molecular techniques in taxonomy. Springer Berlin Heidelberg.

Simon, C. 1991. Molecular systematics at the species boundary: exploiting conserved and variable regions of the mitochondrial genome of animals via direct sequencing from amplified DNA. Pages 33-71 Molecular techniques in taxonomy. Springer Berlin Heidelberg.

Simon, C., S. Paabo, T. Kocher, & A.C. Wilson. 1990. Evolution of the mitochondrial ribosomal RNA in insects as shown by the polymerase chain reaction. pp 235-244. In: M. Clegg & S. O'Brien (eds.), Molecular Evolution. UCLA Symposia on Molecular and Cellular Biology, New Series, Volume 122. Alan R. Liss, Inc., NY

Simon, C. 1983. A new coding procedure for morphometric data with an example from periodical cicada wing veins. In Numerical Taxonomy (J. Felsenstein, Ed.) NATO Advanced Studies Institute Symposium. Springer-Verlag, Berlin.

Simon, C. 1983. Application of numerical techniques to the systematics of Toxorhynchites. Pages 527-531 *In*: Numerical Taxonomy (J. Felsenstein, Ed.) NATO Advanced Studies Institute Symposium. Springer-Verlag, Berlin.

Eanes, W., P. Gaffney, R.K. Koehn, & **C. Simon. 1977.** A study of sexual selection in natural populations of the milkweed beetle, Tetraopes tetraopthalamus. In: Measuring Selection in natural populations. F.B. Christiansen and T.M. Fenchel (eds.) pp. 49- Springer Verlag, Berlin.

Book Reviews

Simon, C.M. 1978. Book Review: Food and Agriculture Quart. Rev. Biol. 53:89-90.

Simon, C.M. 1978. Book Review: Benchmark Papers in Evolutionary Genetics. Quart. Rev. Biology 53:443-444.

Scientific Replies, Letters to the Editor

Marshall, D. C., J. R. Cooley, and **C. Simon**. 2003. Holocene climate shifts, life-cycle plasticity, and speciation in periodical cicadas: A reply to Cox and Carlton. Evolution **57**:433-437.

Simon, C., and A. Martin. 1989. Periodical cicadas. Reply to Hewitt and Ritchie. Nature **341**:288-289.

Hasegawa, M., W. M. Fitch, J. P. Gogarten, L. Olendzenski, E. Hilario, **C. Simon,** K. E. Holsinger, R. F. Doolittle, D.-F. Feng, and S. Tsang. 1996. Dating the cenancester of organisms. Science 274:1750-1753.

Editorials and Reports

Simon, C., and R. Page. **2005.** The past and future of systematic biology. **Systematic Biology** 54:1-3.

Simon, C. 2002. Bayesian analysis, data combinability, tree rooting, nodal support, species' radiations, supertrees, and phylogenetic uncertainty. **Systematic Biology** 51:1.

Sanderson, M., C. Cunningham, T. Yates, J. Cracraft, **C. Simon**, and S. Edwards. **2002.** Report of society business for 2002. **Systematic Biology** 51:982-990.

Olmstead, R., and **C. Simon**. **2001.** 50th anniversary of Systematic Biology and introduction of editor-elect. **Systematic Biology** 50:1-3.

Simon, C., and D. Olmstead. 2000. Report of society business for **2000.** Systematic Biology 49:837-842.

Web Publications

Dwyer, E. and **C. Simon.** 2014. Experimental Studies of the Biology of 13- and 17-year Periodical Cicadas. A Laboratory Exercise for University and AP Biology Laboratory Classes. http://hydrodictyon.eeb.uconn.edu/projects/cicada/citizen/Simon_Dwyer_2013.pdf

Cooley, J. R., D.C. Marshall, K.B.R. Hill, and **C. Simon.** 2007-pres. Cicada Central Web Resource and Data Bases (retrieved records may now be plotted onto Google Earth: Includes NZ Cicada Central and Magicicada Central). http://hydrodictyon.eeb.uconn.edu/projects/cicada/cc.html

Semipopular Publications

Simon, C. 1987. Originator and Corresponding Editor for an entire issue of Natural History Magazine devoted to Hawaiian Evolutionary Biology.

Simon, C. 1979. The debut of the 17-year cicada. Natural History 88(5):38-45. Translated into Japanese (ANIMA 2: 1980).

Simon, C. 1979. Magicicada: The forgotten visitor. Conservationist 33(6):4-17.

Invited Seminars and Symposia (Since 2001)

2018 **22nd Annual New Zealand Math & Phylogenetics Meeting, Portobello, NZ.** Parallel, Episodic, and Spectacular Diversification of the Microbial Endosymbionts of Cicadas.

2017 **6th Annual CT Symbiosis Symposium, Storrs CT.** Spectacular and Unprecedented Genome Diversity in Obligate Bacterial Endosymbionts of Cicadas and Future Microbiome Interaction Studies (9 May 17).

2017 **21st New Zealand Math & Phylogenetics Meeting, Waiheke Island, NZ.** Tip of the Iceberg: Spectacular and Unprecedented Genome Diversity in Obligate Endosymbionts of Cicadas. (13 Feb 17)

2017 **University of Canterbury, Division of Biological Sciences, Christchurch, NZ.** Tip of the Iceberg: Spectacular and Unprecedented Genome Diversity in Obligate Endosymbionts of Cicadas. (2 Feb 17)

2016 **20th New Zealand Math & Phylogenetics Meetings, Whakapapa Village, NZ**
A tale of two hybrids: Anchored hybrid enrichment genomics and hybridization in New Zealand Cicadas. (16 Feb16).

2015 **19th annual New Zealand Math and Phylogenetics Meeting, Portobello, NZ.**
Phylogeography of six co-distributed New Zealand cicadas and their relationship to multiple biogeographic boundaries suggests a re-evaluation of the Taupo Line. (2 Feb15).

2015 **Plenary presentation. Society of Systematic Biologists annual meeting, Ann Arbor, MI**
Are our species concepts outmoded? A debate with James Mallet (Harvard U.). (20 May 15)

2015 **Mississippi State University, Department of Entomology, Starkville, MS.**
Insects that count: The molecular evolution of periodical cicadas. 26 May

2015 **NSF AToL-sponsored Hemipteroid Phylogenomics workshop.**
Molecular phylogeny of Cicadidae based on 424 anchored hybrid enrichment loci (11 Jun 15)

2015 **Clark University, Worchester, MA.**
Insects that count: The molecular evolution of periodical cicadas. (7 Oct 15)

2014 **18th annual NZ Math and Phylogenetics Meeting, Waiheke, NZ.**
The molecular evolution of insects that count or Living Life in 4-year jumps. (16 Feb 14).

2014 **Department of Biology, Louisiana State University, Baton Rouge, LA.**
The molecular evolution of 13- and 17-year Periodical Cicadas. (8 May 14)

2013 **Howard Hughes Medical Institute, Janelia Labs, Janelia Farms, VA**
Insects that Count: living life in four-year jumps. (17 May 13)

2013 **17th annual New Zealand Math & Phylogenetics Meeting, "South 2012", Kaikoura, NZ.**

A Still more detailed looks at species swarms in the NZ cicada genus *Kikihia.* Beth Wade and C. Simon (C. Simon presenting). (4 Feb 13).

2012 16th annual NZ Math & Phylogenetics Meeting, "South 2012", Kaikoura, NZ.
A more detailed look at species swarms in the NZ cicada genus Kikihia. Beth Wade and C. Simon (C. Simon presenting). (2 Feb 12)

2011 **School of Biological Sciences. Victoria University of Wellington. Molecular Systematics Group.**
Comparative phylogeography of NZ cicadas: the signature of ephemeral habitats. (3 Feb 11)

2011 **18th New Zealand Math & Phylogenetics Meeting, Leigh Sawmill. NZ.**
Species or species swarms? Complex species boundaries result from repeated contact and gene exchange between recently diverged species of NZ cicadas. Beth Wade and C. Simon (C. Simon presenting) 8 February 2011.

2010 **17th New Zealand Math & Phylogenetics Meeting, Whakapapa Village, NZ.**
Progress in the Systematics of NZ, Australian, and World Cicadas. Chris Simon (presenting), Kathy Hill, Dave Marshall, Chris Owen. (11 Feb10)

2010 Victoria University of Wellington. School of Biological Sciences.
Using NZ Examples to Teach Darwin's Origin of Species. (17 Jul 10)

2010 **University of Hawaii. Ecology, Evolution & Conservation Biology graduate program**. Using NZ Examples to Teach Darwin's Origin of Species. (18 Aug 10)

2010 **Stony Brook University, Department of Ecology & Evolution.**
The natural history of molecules and the molecular history of organisms, or, life after Stony Brook. (13 Oct 10)

2010 **Plenary Address. New Zealand Ecology Meetings, Dunedin, NZ**
Using Molecules to Understand the Evolution of NZ Cicada Biodiversity (23 Nov 10)

2009 **16th International NZ Math & Phylogenetics Meetings, Kaikoura, NZ.**
Glacial refugia in a maritime temperate climate: Cicada (Kikihia subalpina complex) mtDNA phylogeography in New Zealand. Dave Marshall, Kathy Hill, Kathryn Fontaine, Thomas Buckley and Chris Simon. Chris Simon presenting. (11 Feb 09).

2009 **BioEd 2009. Darwin 200th Anniversary Symposium, sponsored by International Union of Biological Sciences, Commission on Biological Education, and the United Nations Educational Scientific and Cultural Organization, Christchurch, NZ.**
On the origin and maintenance of cicada species diversity: using NZ organisms to Illustrate Darwin's Origin of Species. (17 Feb 09)

2008 **Presidential Address . Society of Systematic Biologists Annual Meeting. Minneapolis, MN**
Systematics, Evolution, and Natural History: Lessons from Past Presidents and Cicadas. (23 Jun 08)

2007 **Southern Connections Meetings. Adelaide, Australia.**
Out of Australia: Dating the origin and diversification of the worldwide cicada tribe Cicadettini and its connection to the aridification of the Southern Hemisphere. Vanderpool, D., D.C. Marshall (presenting), K.B.R. Hill, and C. Simon (23 Jan 07)

2007 **14th New Zealand Math & Phylogenetics Meetings, Mt. Doom, Whakapapa Village, NZ.**
Out of Australia: Dating the origin and diversification of the worldwide cicada tribe Cicadettini and its connection to the aridification of the Southern Hemisphere. Vanderpool, D., D.C. Marshall, K.B.R. Hill, and C. Simon (Presenting). (14 Feb 07)

2007 **Department of Integrative Biology, University of Queensland, Brisbane, Australia.**
Out of Australia: Dating the origin and diversification of the worldwide cicada tribe Cicadettini and its connection to the aridification of the Southern Hemisphere. Vanderpool, D., D.C. Marshall, K.B.R. Hill, and C. Simon (Presenting). (28 Jul 07)

2006 **13th New Zealand Math and Phylogenetics Meeting. Kaikoura, NZ.**

Accurate Branch Length Estimation in Partitioned Bayesian Analyses Requires Accommodation of Among-Partition Rate Variation and Attention to Branch Length Priors, by Dave Marshall, Chris Simon (presenting) and Thomas Buckley. (14 Feb 06).

2005 **12th New Zealand Math and Phylogenetics Meeting. Whitianga, NZ**
Progress in the systematics and evolution of New Zealand Cicadas and their relatives world wide. Chris Simon (presenter), D. Vanderpool, Thomas Buckely, Dave Marshall, and Kathy Hill. (13 Feb 05)

2005 **Department of Biology, University of Maryland. (Invited by the Graduate Students)**
Evolution of 13- and 17-year Periodical Cicadas and progress in the systematics of cicada species worldwide. (25 Apr 05)

2005 **School of Biological Sciences, Victoria University of Wellington.**
Molecular phylogeny and evolution of the New Zealand Cicadas and their relatives: from populations to higher taxa. (5 Jul 05)

2005 **New England Molecular Biology Meetings. Wellesley University.**
Species radiations, biogeography, and molecular systematics of New Zealand cicadas and their relatives worldwide: from populations to higher taxa. [host: Andrea Sequeira] (5 Nov 05)

2005 **Organismal and Evolutionary Biology Department, Harvard University.**
Species radiations, biogeography, and molecular systematics of New Zealand cicadas and their relatives worldwide: from populations to higher taxa. [host: Sarah Boyer] (10 Nov 05)

2004 **11th New Zealand Math & Phylogenetics Meetings. Whakapapa Village, New Zealand**
Progress in the systematics and evolution of NZ cicadas and their relatives world wide. C. Simon presenter. (19 Feb 04)

2004 **Banquet speaker. Annual meeting of the Eastern Branch of the Entomological Society of America, New Haven Connecticut.** The molecular evolution of 13- and 17-year Periodical Cicadas. (8 Mar 04)

2004 **Center for Insect Science, University of Arizona (invited by the Postdoctoral Researchers).**
Progress in the Systematics and Evolution of New Zealand cicadas, and their relatives World Wide. (11 Mar 04)

2003 **New Zealand Math & Phylogenetics Meetings, Kaikoura, N.Z.**
Rapid and convergent evolution of acoustic sexual signals in New Zealand cicadas". (coauthor with Dave Marshall who was the presenter). (10 Feb 03)

2003 **New Zealand Math & Phylogenetics Meetings, Kaikoura, N.Z.**
Phylogeography of the widespread NZ cicada species Maoricicada campbelli. (coauthor with Kathy Hill who was the presenter). (10 Feb 03)

2003 **New Zealand Math & Phylogenetics Meetings, Kaikoura, N.Z.**
Phylogeny of the Cicada tribe Cicadettini (coauthor with Dan Vanderpool who was the presenter). (10 Feb 03)

2003 **Department of Entomology, University of California, Davis, CA**
Molecular clocks, Geology and the Origin of NZ cicadas. (9 Apr 03)

2003 **XIXth International Congress of Genetics, Melbourne, Australia**
Molecular Clocks and non-clock-like evolutionary trees.

2003 **Department of Ecology and Evolutionary Biology, Princeton University, Princeton, NJ**
Molecular Evolution, Allochronic Speciation, and Reproductive Character Displacement in 17-year Cicadas with 13-year Life Cycles. (12 Nov 03)

2002 **University of Massachusetts Amherst, MA**
Molecular clocks, Geology and the Origin of New Zealand cicadas.

2001 **New Zealand Math and Phylogenetics Meetings. Whakapapa, NZ.**
Molecular clocks, geology, and the origin of New Zealand cicadas. Chris Simon, Thomas Buckley, Kent Holsinger and Peter Arensburger. (21 Feb 01)

2001 **Department of Zoology, North Carolina State University, Raleigh, NC.** Two talks:
1) Molecular clocks, geology and the origin of NZ cicadas;
2) The molecular evolution of 17-year cicadas with 13-year life cycles. (8-9 Mar 01)

2001 **Department of. Entomology, Rutgers University. New Brunswick, NJ**
The molecular evolution of 17-year cicadas with 13-year life cycles (20 Apr 01)

2001 **Department of Ecology & Evolution. University of Chicago, Chicago, IL**
The molecular evolution of 17-year cicadas with 13-year life cycles. Part of a symposium organized by C. Simon and J. Coyne in honor of Monte Lloyd. (Two other presentations from my laboratory were given by J. Cooley and David Marshall, 13 May 01)

2001 **Department of Entomology, Cornell University.**
The molecular evolution of 17-year cicadas with 13-year life cycles. (12 Nov 01)

2001 **Philadelphia Academy of Natural Sciences. Philadelphia, PA**
Molecular clocks, Geology and the Origin of NZ cicadas. (27 Nov 01)

2001 **Americal Entomological Society. Philadelphia, PA**
The molecular evolution of 17-year cicadas with 13-year life cycles. (28 Nov 01)

2001 **Annual Meetings of the Entomological Society of America. San Diego, CA**
Symposium Speaker. Molecular clocks, Geology and the Origin of NZ cicadas. (10 Dec 01)

Contributed Presentations from my Laboratory (Since 2001) * = undergraduate student

2017 **Evolution 2017. Joint annual meeting. Portland, OR.** Developmental timing in the evolution of periodical cicada life cycles (Hemiptera: Cicadidae: *Magicicada*). Diler Haji, Chris Maier, David Marshall, Kathy Hill, John Cooley, Teiji Sota, and Chris Simon. Poster.

2016 **Evolution 2016. Joint annual meeting. Austin, TX.** Tip of the Iceberg: Spectacular and Unprecedented Genome Diversity in Obligate Endosymbionts of Cicadas.

2016 **XXV International Congress of Entomology.**
Owen, C., David C. Marshall, Katherine B. R. Hill, Elizabeth Wade, Geert Goemans, Alan Lemmon, Emily Lemmon and **Chris Simon**. *Phylogenomic estimate of the Cicadidae (Hemiptera: Cicadoidea): identifying contaminated/paralogous locus copies and exploring the utility of Hemiptera and cicada 1:1 ortholog sets in pest Hemiptera lineages*. Orlando, FL Sept. 25-30.

2015 **SSB Standalone meeting, Ann Arbor, MI.**
Elizabeth Wade, Russ Meister, Emily Lemmon, Alan Lemmon and **Chris Simon**. *Resolving the cicada genus Kikihia using hybrid enrichment data*. 21 May 2015.

2014 **CT Symbiosis Symposium.**
Preliminary Phylogeny and Evolution of Two Obligate Cicada Endosymbionts. Poster. Russ Meister and **Chris Simon**. Yale University West Campus.

2014 **Evolution 2014: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists.**
Molecular species delimitation methods recover most song delimited cicada species in the European *Cicadetta montana* complex. Beth Wade, Thomas Hertach, Matija Gogala, Tomi Trillar, and **Chris Simon.** Raleigh, NC.

2014 **Evolution 2014: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists.**
Gene Trees vs Species Trees: Piecing together the evolutionary history of the New Zealand cicada genus. Kikihia Sarah Banker* (presenting), Beth Wade and **Chris Simon**. Raleigh, NC.

2013 **Evolution 2013: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists.**
An Evaluation of the Phylogenetic Usefulness of Three Nuclear Genes for Closely Related Species. Poster: Sarah Banker* and **Chris Simon**. June. Snowbird, Utah.

2013 **Evolution 2013: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists.**
A Preliminary Look at the Phylogenetics and Evolution of Two Obligate Endosymbionts of Cicadas. Poster: Russ Meister and **Chris Simon**. June. Snowbird, Utah.

2013 **Society for Integrative and Comparative Biology, Annual Meetings**
Differential Pleistocene diversification and phylogeographic patterns on New Zealand s North Island. Pages E280-E280 *in* Integrative and Comparative Biology. Ellis, E.*, **Chris Simon**, David Marshall, Kathy Hill, Chris Owen, and Peter Kamp. Oxford University Press, Inc. Cary, NC. San Francisco, CA.

2012 **VII Southern Connection Congress, Dunedin, NZ**
Biogeography and phylogeny of cicada tribes worldwide as a model for the spread of Cenozoic Biodiversity. Chris Simon (Presenting), Kathy Hill, David Marshall, Ben Price, Chris Owen, Geert Goemans, Martin Villet, Max Moulds, and Thomas Buckley.

2012 **Entomological Society of America.**
Biodiversity complexity in the Australian "Tick Tock" cicadas (Cicadidae: Cicadettinae: Cicadettini). P. Gero* (presenting), K.B.R. Hill, D.C. Marshall, and Chris Simon. November. Knoxville, TN. J.R. Cooley (presenting), D.C. Marshall, and C. Simon.

2012 **Entomological Society of America.**
Species mapping for the 21st Century: The case of periodical cicadas (Magicicada spp.). Knoxville, TN.

2012 **Evolution 2012: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists.**
Species swarms or independent species in NZ *Kikihia.* E.J. Wade and C. Simon. Ottawa, Canada

2012 **Evolution 2012: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists.**
Phylogeography on a dynamic Land Mass: mtDNA gene trees of Six North Island New Zealand Cicadas. E. Ellis*, C. Simon, D.C. Marshall, C.L. Owen, K.B.R. Hill, and Peter J.J. Kamp. Ottawa,

2012 **Entomological Society of America. Knoxville, TN.**
Molecular perspectives on the Global Diversification of the Cicadoidea (cicadas).
D.C. Marshall (presenting), K.B.R. Hill and C. Simon. November.

2011 **Entomological Society of America. Knoxville, TN.**
Too many tribes: a molecular phylogeny of a morphologically diverse Asian cicada clade (Auchenorrhyncha: Cicadidae). K.B.R. Hill (Presenting), D.C. Marshall, and C. Simon.

2011 **Evolution 2011: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Norman, OK**
Hybridization among NZ grass cicada species. Wade, E.J. (presenting) & C. Simon.

2011 **Evolution 2011: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Norman, OK**
A phylogeny of the Dog Day Cicadas of North America (Hemiptera: Cicadidae: Tibicen). K.B.R. Hill (presenting), D.C. Marshall, C. Simon.

2010 **Evolution 2011: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Norman, OK**
Relaxed-molecular-clock dating when fossils are few: Australasian origin, rapid diversification and global expansion. D.C. Marshall (Presenting), K.B.R. Hill, and C. Simon

2010 **NSF Partnership for Enhancing Expertise in Taxonomy Workshop, Albany, New York.**
Evolution of the relaxed-clock and molecular dating with examples from the largest Australian cicada genus Pauropsalta. Owen, C.L. Oral Presentation. Auchenorrhyncha PEET.

2010 **NSF Partnership for Enhancing Expertise in Taxonomy Workshop, Albany, New York.**
Tips for building likelihood-based phylogenetic trees. David Marshall. Oral Presentation. Auchenorrhyncha PEET.

2010 **NSF Partnership for Enhancing Expertise in Taxonomy Workshop, Albany, New York.**
NextGen Sequencing: overview of technology and use in phylogenetics. Elizabeth Wade. Oral Presentation. Auchenorrhyncha PEET.

2010 **NSF Partnership for Enhancing Expertise in Taxonomy Workshop, Albany, New York.**
Preliminary data on the phylogeny of the Family Cicadidae. Kathy Hill. Auchenorrhyncha PEET.

2010 **NSF Partnership for Enhancing Expertise in Taxonomy Workshop, Albany, New York.**
Zammarini: the merging of three tribes into one. Geert Goemans. Oral Presentation. Auchenorrhyncha PEET.

2010 **NSF Partnership for Enhancing Expertise in Taxonomy Workshop, Albany, New York.**
Accommodating biases in DNA data into Phylogenetic Analyses. Oral Presentation. Auchenorrhyncha PEET.

2010 **NSF Partnership for Enhancing Expertise in Taxonomy Workshop, Albany, New York.**
Progress on the taxonomy of the cicada genus Pauropsalta. Chris Owen. Oral Presentation. Auchenorrhyncha PEET.

2010 **NSF Partnership for Enhancing Expertise in Taxonomy Workshop, Albany, New York.**
Molecular systematics of the cryptic Cicadetta montana species complex. Elizabeth Wade. Oral Presentation. Auchenorrhyncha PEET.

2010 **Evolution 2010: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Portland OR.**
Not your father's Huechys: Progress in the systematics of the Family Cicadidae. Simon, C. (Presenting), K.B.R. Hill, & D.C. Marshall

2010 **Evolution 2010: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Portland OR.**
Diversification of the Australian cicada genus Pauropsalta. Chris Owen (Presenting)

2010 **Evolution 2010: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Portland OR.**
Molecular systematics of bioacoustically described species of cicada Cicadetta montana (Insecta: Hemiptera: Cicadidae). Elizabeth Wade Presenting.

2009 **Entomological Society of America, Annual Meeting. San Diego, CA.**
Population genetics shows introgression in multiple hybridizing species of NZ cicadas (Cicadidae: *Kikihia*). Elizabeth Wade (presenting) and C. Simon.

2009 **Evolution 2009: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Moscow, ID.**
Glacial refugia in a maritime temperate climate: Cicada (Kikihia subalpina complex) mtDNA phylogeography in New Zealand. Marshall, D. C., Hill, K. B. R., Fontaine, K., Buckley, T., and Simon, C. (Presenting).

2009 **Evolution 2009: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Moscow, ID.**
Mitochondrial phylogeny branching-rate shifts predict divergence in acoustic sexual signals in a parapatric cicada radiation. Marshall, D. C. (Presenting), Hill, K. B. R., Simon, C., and J. Cooley.

2008 **Evolution 2008: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Minneapolis, MN**

Phylogenetics of the Cicadetta Montana (Hemiptera: Cicadidea) species complex in Europe. Elizabeth J. Wade (presenting poster), Dan Vanderpool, Matija Gogala, Tomi Trilar, Thomas Hertach, Stephane Puissant, & Chris Simon.

2008 **Evolution 2008: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Minneapolis, MN**
Hybrid mating and paternal leakage of MtDNA in periodical cicadas. John R. Cooley (presenting poster), Kathryn Fontaine, Kathy R.B. Hill, R. Thombre, and C. Simon. Hybrid mating and paternal leakage in periodical cicadas.

2007 **Evolution 2007: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Christchurch, NZ**
Out of Australia: Dating the origin and diversification of the worldwide cicada tribe Cicadettini and its connection to the aridification of the Southern Hemisphere. Vanderpool, D., D.C. Marshall, K.B.R. Hill, and C. Simon (Presenting).

2006 **Evolution 2006: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Stony Brook, NY**
Accurate Branch Length Estimation in Partitioned Bayesian Analyses Requires Accommodation of Among-Partition Rate Variation and Attention to Branch Length Priors. Dave Marshall, Chris Simon (presenting), and Thomas Buckley.

2006 **Evolution 2006: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Stony Brook, NY**
The geography of speciation in a Pleistocene cicada radiation. Dave Marshall (presenting), K. Slon, C. Simon, J. Cooley, and K. Hill.

2005 **12th International Auchenorrhyncha Congress, Berkeley, CA, Systematics Symposium**
Contrasting Effects of Pliocene- and Pleistocene-Age Environmental Changes on Speciation in New Zealand Cicadas. 8-12 August 2005. Abstract available at http://www.cnr.berkeley.edu/hoppercongress/Symposiums%209-05.pdf
Marshall DC (presenting), Cooley JR, Hill KBR, Simon C.

2005 **12th International Auchenorrhyncha Congress, Berkeley, CA, Systematics Symposium**
Phylogeography of a widespread New Zealand subalpine cicada, Maoricicada campbelli (Hemiptera, Cicadidae). 8-12 August 2005. Abstract available at http://www.cnr.berkeley.edu/hoppercongress/Symposiums%209-05.pdf
Hill KBR (presenting), Simon C, Chambers GK.

2004 **Symposium on the Biology of Hawaiian Streams and Estuaries, Hilo, Hawaii, USA.** *Blue hawaiiense and beyond: conservation genetics and comparative phylogeography of four Hawaiíian damselfly species (Odonata: Coenagrionidae).* Jordan, S. (presenting), E. Barruet, M. Olaf, B. Parsons, and C. Simon. April 27, 2005.

2004 **Evolution 2004: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Ft. Collins, CO**
Comparative phylogeography of four Hawaiian damselfly species. Jordan, S. (Presenting Poster), M. Olaf, S. Carle, R. Englund, D. Foote, C. Simon, B. Parsons.

2004 **Evolution 2004: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Ft. Collins, CO**
Song divergence and mtDNA phylogeography in a recent radiation of New Zealand grass cicadas. Marshall, DC (Presenting), KBR. Hill, JR. Cooley, and C Simon.

2004 **Evolution 2004: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Ft. Collins, CO**
Genetic structure in periodical cicadas revisited: Within- and between- species allozyme variation. John Cooley (Presenting), Chris Simon, Julie Butte, Chris Ehrhardt.

2003 **Association for the Study of Animal Behaviour London.**
Evolution of acoustic signals in cicadas with reference to phylogeny. Sueur J (Presenting Poster), Vanderpool D, Ouvrard D, Bourgoin T, Aubin T. & Simon, C

2003 **New Zealand Math & Phylogenetics Meetings, Kaikoura, N.Z.**
Song divergence and mtDNA phylogeography in a recent radiation of New Zealand grass cicadas. Marshall, DC (Presenting), KBR. Hill, JR. Cooley, and C Simon.

2003 **New Zealand Math & Phylogenetics Meetings, Kaikoura, N.Z.**
Phylogeography of a widespread New Zealand subalpine cicada, Maoricicada campbelli (Hemiptera, Cicadidae). Hill, KBR (Presenting), DC Marshall, and C Simon.

2003 **New Zealand Math & Phylogenetics Meetings, Kaikoura, N.Z.**
Molecular Phylogenetics of the worldwide cicada tribe Cicadettini
Dan Vanderpool (presenting), DC Marshall, KBR Hill, J. Cooley, and C. Simon.

2003 **Evolution 2003: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Chico, CA.**
Molecular phylogenetics and song diversity in NZ *Kikihia* cicadas.
David Marshall, Kathy Hill, and C. Simon.

2003 **Evolution 2003: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Chico, CA.**
Phylogeography of a widespread New Zealand subalpine cicada, Maoricicada campbelli (Hemiptera, Cicadidae). Kathy Hill (presenting) and C. Simon.

2002 **Evolution 2002: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Champaign/Urbana, IL**
Molecular phylogenetics and song diversity in NZ Kikihia cicadas.
David Marshall, Kathy Hill, and C. Simon.

2002 **Evolution 2002: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Champaign/Urbana, IL**
Allochronic speciation, secondary contact, and reproductive character displacement in periodical cicadas (Hemiptera: Magicicada spp.): Genetic, morphological, and behavioral evidence. John Cooley (presenting) and C. Simon

2001 **Evolution 2001: Annual meetings of the Society for the Study of Evolution, the Society of Systematic Biologists and the American Society of Naturalists. Knoxville, TN**
Molecular systematics and adaptive radiation of Hawaii's endemic Damselfly genus Megalagrion (Odonata: Coenagrionidae).
Steve Jordan (presenter), Chris Simon

2001 **Hawaii Conservation Conference. Honolulu, HI**
Conservation genetics of Megalagrion hawaiiense.
B. Parsons (Presenting poster), S. Jordan, D. Polhemus, D. Foote, and C. Simon.

2001 **The Ecology of Insular Biotas. Victoria University of Wellington.**
Molecular clocks, geology, and the origin of New Zealand cicadas. Chris Simon (presenter), Thomas Buckley, Kent Holsinger and Peter Arensburger

Outreach: Scientific advisor to News/Media organizations

The Advocate (Baton Rouge)
America On-Line
Associated Press
The Boston Globe
The New York Times
The NY Times Learning Network
New Scientist (U.K.)
Neue Zürcher Zeitung
Scientific American
Science News
The Scientist
Science Magazine
The North Georgian newspaper

BBC Earth Web Series
CBS TV News
Genome News Network
Here and Now (NPR)
Japan Television Workshop
Living on Earth (PRI)
National Geographic Magazine
National Public Radio
Nature
Newark Star Ledger
Newsday
New Zealand Herald
New Zealand National Radio
Otago Science Museum NZ
NOVA science series
Popular Science
Radio Live New Zealand
Reuters News Service
The Wall Street Journal
The Washington Post
Time Magazine
United Press International
Voice of America
WAMU, WNYC, WCBS & WABC TV

Teaching Experience

University of Connecticut: (undergraduate) Introductory Biology (BIO 102); Humans and the Changing Global Environment (SCI 110); EEB 3205 Current Issues in Environmental Science (honors); Freshman Seminar in Environmental Science (IND 196); Research Areas in Biology, (BIO 196, honors); Evolutionary Biology (EEB 2245 & EEB 2245W); Various directed readings, research, and senior theses (EEB 298, 3899, 4896W, 5899). Graduate Courses: Evolutionary Patterns & Processes: An Experimental Approach (EEB 462); Computer Methods in Molecular Systematics (MCB/EEB 372); Molecular Systematics (EEB 396, EEB 5350); Systematics Seminar (EEB 486).

Victoria University of Wellington, Wellington, NZ: Evolution (Biol 329)- 2 lectures in team-taught course for three years.

University of Hawaii: (undergraduate) Introduction to Biological Sciences (SCI 121); Technology & Ecology (Environmental Science; interdisciplinary SCI 124); Science & Contemporary Issues (Biotechnology; interdisciplinary, SCI 324); Directed research/readings (ZOO 299); Evolution (ZOO 480); Molecular Phylogenetics (ZOO 719). Graduate Seminars in Systematics and Evolution and Insect Systematics:

See also OTS Tropical Ecology teaching under "Short Term Appointments."

Postdoctoral Fellows/Research Scientists in my Laboratory (* = Present)

Eric Gordon (January 2018-pres)
David Marshall (2007-present) Research Scientist
David Marshall (2001-2007) Postdoctoral Fellow
Elizabeth Wade (Postdoc 2014-2015); Current position Postdoctoral Fellow, USDA-Agricultural Research Service, Gainesville, FL
Ben Wills Price (Postdoc 2011-2013) Current position, Curator, Natural History Museum, London, UK)
Young June Lee (Postdoc 2007-2009); Current position, employed in public sector; Research Scientist University of Connecticut (up to 2017).
John Cooley (Postdoc 1999-2004); Current position, Research Scientist and Adjunct Instructor, U. Connecticut, and Wesleyan University.
Felipe Soto (Postdoc 1997-1998) Current position: Insect Systematist and Curator of Entomology, University of Illinois at Urbana-Champaign, Illinois Natural History Survey, Affiliate Researcher, Department of Entomology, University of Illinois, Urbana-Champaign; Research Professor, Department of Biology, University of Puerto Rico, San Juan
Antonio Carapelli (Postdoc 1996) Current position, Assistant Professor, University of Siena
Francesco Frati (Postdoc 1995) Current position, Professor and Chancellor, University of Siena,
Hong Liu (Postdoc 1994) Moved to Japan to get married and pursue a career in the Biotech Industry

Marta Wells (Postdoc 1992-1993), Instructor, Yale University, Associate Research Scientist UCONN.

Graduate Advisees/ Current Position

John Bator (BS/MS Conservation Biology expected 2019)
Diler Haji (MS expected 2019). Currently working in my laboratory.
Katherine Nazario (MS 2017). Teaching middle school.
Geert Goemans (PhD 2007-2016) Postdoctoral Researcher UCONN Biodiversity Collections
Russ Meister (MS 2015). Left academia to become a successful beer brewer.
Elizabeth Wade (PhD 2006-2014); Postdoctoral Fellow, USDA-Agricultural Research Service, CMAVE, Fire Ant Unit; Current Collaborator w Simon Lab. Current Position, Assistant Professor, Curry College.
Christopher Owen (PhD 2007-2013) Research Scientist Computational Biology Institute, The George Washington University, Ashburn, VA (2014-pres), and Postdoctoral Researcher HIV unit, MHRP/Henry M. Jackson Foundation, Bethesda, MD (2017-2018); Current position: Research Scientist Smithsonian Biosystematics Unit. Current Collaborator w Simon Lab
Jian-Hong Chen (2005-6) Withdrew from graduate school for family reasons and returned to Taiwan
Steve Jordan (PhD 1996-2001) Current Position, Associate Professor, Bucknell University.
Kathy Hill (co-advised by G. Chambers, Victoria University Wellington, MS 2004). First position: Research Technician, Simon Lab. Currently: disabled due to an accident.
Dan Vanderpool (UCONN graduate school 2001-2004); PhD student, Division of Biology Sciences, University of Idaho, Missoula (2014-2018). Postdoctoral Researcher Indiana University.
Karen Slon (MS 2001) Left academia for family reasons.
Peter Arensburger (PhD 1996-2001). First position: Research Scientist, UC Riverside, Mosquito genomics. Current Position, Assistant Professor, Biological Sciences, California Polytechnic University, Pamona
Thomas Buckley (co-advised by G. Chambers, Victoria University Wellington, PhD 1996-2000); Current Position: Associate Professor, University of Auckland, and Research Leader, Landcare Research, Crown Research Institute, Auckland, NZ; Current Collaborator w/ Simon Lab
Jack Sullivan (PhD 1991-1995), Current Position: Professor, University of Idaho, former President of SSB and former Editor-in-Chief of Systematic biology.
Al Phillips (MS student 1990-1993; transferred to AMNH/Columbia U. 1993) and switched fields to developmental biology.
Andrew Martin (MS 1987-1990, U. Hawaii). Current Position, Professor, U. Colorado, Boulder, CO.

Other Graduate Student Members of my Laboratory

Kevin Keegan (D. Wagner, PhD student, 2017-present)
Katie Taylor (C. Henry, PhD student, 2015-present)
Maxi Polihronakis (C. Henry, Graduate Student, PhD 2002-2008
U. Sezen (R. Chazdon, graduate student, PhD 2005-2007
Jadranka Rota (D. Wagner, graduate student, PhD 2003-2007
Derek Sikes (C. Schaefer graduate student, PhD 1995-2003
Pete Olsen (J. Caira graduate student, PhD 1996-1998
Thomas Artiss (visiting graduate student from Clarke U. 1998

Visiting Scholars in my Laboratory

Graham Wallis, Professor, U. Otago, visited Spring 1995;

Zhongren Lei, Professor of Entomology, Institute of Plant Protection, Chinese Academy of Agricultural Science, Beijing China, Visited Spring 2010.

Undergraduate or High School Student Researchers in my laboratory (*= completed thesis and/or publication)

Diler Haji (BS, hons 2017)*, Andrew Dessy (BS expected 2016), Yoran Sato (BS 2016), Janell Malcolm (BS 2015), Krushnik Jusufi (BS 2015), Sarah Banker (BS hons 2014)*, Erin Dwyer (BS Hons 2014)*, Patrick Gero (BS 2013)*, Emily Ellis BS 2012)*, Rakee Thombre (BS hons 2011)*, Cheryl Cutright (BS 2011), Megan Ribak (BS Hons 2010)*, Rachel Krauss (BS-MS 2009), Colleen Chambers (BS hons 2008)*, Jeselyn Calderon-Ayala (summer 2008), Stacie Zielinski (2006-2008), Graham McKean (2006), Nicola Ricker (2006), Michael Cordeiro (BS 2006)*, Adam Leston (BS Hons 2006)*, Kashiwa Hereford (BS 2006), Kathryn Gannon Fontaine (BS hons 2005)*, Greg Staley (BS 2006)*, Thomas Lardaro (BS 2005), Lindsay Carrubia (BS 2003), Grayson Bryant (BS 2002), Brad Goupil (2001-3), Angela Ktoroides (2002), Christopher Ehrhardt (BS hons 2001)*, Barbara Parsons (BS hons 2000)*, Annie Paradis (BS 1999)*, Shaun Batterton (REU 1999), Ryan Connely (REU 1999), Jennifer Morris (BS 1996)*, Kathy Kudish (BS hons 1996)*, Sejal Dalwadi (BS hons 1997)*, Jake Schumacher (BS hons 1997)*, Lin Gan (high school student 1995-6), Jennifer Deniega (BS hons 1993)*, Julie Butte (BS hons 1992)*.

Graduate and Postdoctoral advisors

PhD advisors- R.K. Koehn (major advisor), D.J. Futuyma, F.J. Rohlf, J.S. Farris, C.R. Carroll (all at SUNY Stony Brook);
Masters Advisor- T. Giesel (U. Florida);
Postdoctoral- M. Lloyd (U. Chicago), A. Templeton (Washington University, St. Louis).