CURRICULUM VITAE

CHRIS SIMON

Citizenship: USA
e-Mail: chris.simon@uconn.edu
Website: http://hydrodictyon.eeb.uconn.edu/people/simon/Simon.htm
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
1974 MS Department of Zoology, University of Florida, Gainesville
1971 BS Department of Zoology, University of Florida, Gainesville

POSITIONS CURRENTLY HELD
1996-pres Professor, Department of Ecology & Evolutionary Biology, U. Connecticut
1996-pres Adjunct Faculty Member, Victoria University of Wellington, New Zealand
1981-pres. Research Associate, Bernice P. Bishop Museum, Honolulu, HI
1991-pres Graduate Faculty, Ecology; Entomology; Zoology; U. Connecticut
2009-pres Graduate Faculty, Biodiversity & Conservation Biology, U. Connecticut

PAST POSITIONS
1991-2000 Affiliate Graduate Faculty, University of Hawaii, Dept. Zoology (Ecology, Evolution, & Conservation Biology Graduate Program)
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 Postdoctoral Research Fellow (NSF), 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 APPOINTMENTS
2005-2007 Professorial Research Fellow, Victoria University, Wellington
Dec-Mar 95-98 Fulbright Fellowship, joint w/ Victoria University Wellington, Massey University, Palmerston North, and Otago University, Dunedin, N.Z.
Sep-Oct 1992 Visiting Researcher, Biological Science, Victoria U., Wellington, N.Z.
Oct-Dec 1992 Visiting Researcher, Dept. Zoology, Univ. New Hampshire, Durham, NH
May-Jun 1988 Visiting Researcher, Dept. Biochemistry, U.C. Berkeley
Jan-Mar 1983 Coordinator, Org. Tropical Studies' Trop. Biol.: Ecol. Approach (Costa Rica)
Jan-Mar 1980 Coordinator, Org. Tropical Studies' Trop. Biol.: Ecol. Approach (Costa Rica)

AREAS OF INTEREST: AREAS OF INTEREST My research focuses on 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. The ultimate goal of my lab group is to understand speciation, biogeography and interactions at species' contact zones. The information we produce is valuable for taxonomy and conservation biology. **Specific topics:** evolution on

islands; 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 song 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; world Cicadas. **Collaborations:** Auchenorrhyncha, Hawaiian damselflies; green lacewings; collembola.

THESIS AND DISSERTATION

1971-73 Masters' Degree Research: "Population genetics and ecology of an intertidal barnacle, *Balanus amphitrite amphitrite*."

1974-79 Ph.D. Degree Research: "Evolutionary relationships among the 13- and 17-year Periodical Cicadas."

RESEARCH EXPERIENCE (INCLUDING GRANTS AWARDED)

1979-80 NSF DEB-7810710 Evolutionary relationships among periodical cicadas: predictions and the Pleistocene. Principal Investigator M. Lloyd (Part written by CS- sub-contract amount $36,842).

1981-82 NSF DEB-8107038 Evolutionary relationships among 13- and 17-year periodical cicadas. P.I.: M. Lloyd (Part written by CS- subcontract amount $ 34,887).

1984-85 NSF BSR-8411083 Postdoctoral Fellowship. Evolutionary Relationships Among Periodical Cicadas based on mtDNA, Allozymes, and Morphometrics. P.I. Chris Simon. $26,400.

1986-89 NSF BSR-8509164. Evolutionary Relationships Among Periodical Cicadas From mtDNA, Allozymes, & Morphometrics. $ 135,000. P.I. Chris Simon.

1988 May 25-July 2. Visiting Researcher, Dept. Biochemistry, U.C. Berkeley. Using enzymatically amplified DNA for direct sequencing of the insect mitochondrial small ribosomal RNA gene.

1989-94 NSF BSR-88 22710. Exploiting Conserved and Variable Regions of the Mitochondrial Genome of Insects for Phylogenetic Studies: Periodical Cicadas as a Model System. $210,000. P.I. Chris Simon.

1990 Research Experiences for Undergraduates supplement to BSR-88 22710, $5,000.

1992 Research Experiences for Undergraduates supplement to BSR-88 22710, $10,000

1989-90 University of Hawaii, Fujio Matsuda Research Award: Nucleotide Sequencing of Mitochondrial DNA of Native Hawaiian Insects to Reconstruct Evolutionary Histories. $ 7,500. P.I. Chris Simon.

1989-90 Nature Conservancy of Hawaii, Conservation Biology Seed Grant Award. Genetic Divergence and Phylogenetic Relationships in Cave Adapted Hawaiian Planthoppers. $ 5,000. CO-P.I.'s Hannelore Hoch and Chris Simon.

1990-91 Hawaii Bishop Research Institute Grant. Evolutionary Studies of Hawaiian Cave Crickets and Cave Planthoppers (in collaboration with F. Howarth; and F. Stone). CS portion, $41,000.

1994 National Biological Survey. Conservation genetics of Hawaiian damselflies, $ 5,000

1995-98 Fulbright Fellowship, Evolution of New Zealand Cicadas and their Australian Relatives. Travel and subsistence for 3 months/year for three years.

1996 National Geographic Society. Biogeography, population genetics, genealogy and conservation of New Zealand Cicadas. $ 20,000.

RESEARCH EXPERIENCE (INCLUDING GRANTS AWARDED, Continued)

1997 NATO collaborative Research Grant. Joint with F. Frati (Siena University; J. Sullivan, Smithsonian Inst.) Molecular Phylogenetics of the Apterygote Insects and their relatives. $4,500.

1998 National Geographic Society. Biodiversity and Biogeography of New Zealand Cicadas and their Relatives. CO-PIs Geoffrey Chambers and Maxwell S. Moulds $ 26,000.

1998 NSF DEB 98-12779. (Systematics Program) Collection of Co-emergence of 13- and 17-year Periodical Cicadas, $46,115

1998-2001 NSF DEB 9807113 (Systematics Program) Evolution of 13- and 17-year Periodical Cicadas, $ 100,000 (Accomplishment-based renewal).

1999 NSF Biodiversity/Bioinformatics (Systematics Program) REU supplement to DEB9807113. $ 40,511.

2000 NSF REU supplement to DEB 98-07113, $ 5,000.

2000-2003 NSF DEB 99-2039, (Population Biology Program) , "Allochronic speciation, reproductive character displacement, and sexual selection in periodical cicadas." $270,000. (3 years + 2 years extension)

2000 NSF REU supplement to DEB 99-2039, $5,000.

2001 NSF REU supplement to DEB 99-2039, $5,000.

2002 NSF REU supplement to DEB 99-2039, $6,000.

2003 NSF REU supplement to DEB 99-2039, $6,000.

2004 NSF REU supplement to DEB 99-2039, $6,000.

2000 NSF Dissertation Improvement for Steve Jordan, "Molecular systematics, origin, and conservation in the Hawaiian damselfly genus *Megalagrion*", $ 10,000.

2001-2004 New Zealand Government's NSF-equivalent, The Marsden Fund, "Are "Biological Species" Real? Sexual signal evolution, gene exchange and species histories." Co-PI Geoff Chambers NZ$ 315,000. (3 years)

2001-2004 NSF DEB 00-89946, "Origins of New Zealand Cicadas" Co-PI Geoff Chambers, $270,000

2001 REU Supplement to NSF DEB 00-89946 $5,000.

2002 REU Supplement to NSF DEB 00-89946 $13,500.

2003 REU Supplement to NSF DEB 00-89946 $13,500.

2004 REU Supplement to NSF DEB 00-89946 $ 6,750.

2005 REU Supplement to NSF DEB 00-89946 $13,500

2004-2010 NSF DEB 04-22386, "Phylogeography of New Zealand Cicadas." Co-PI Thomas Buckley. $400,000.

2005 REU Supplement to DEB 04-22386, $12,000

2006 REU Supplement to DEB 04-22386, $6,000

2007 REU supplement to DEB 04-22386, $12,000

2009 REU supplement to DEB 04-22386, $ 7,000 (DEB 09-24234)

2006-2011. NSF DEB 05-29679 PEET: Partnerships for training new experts in Auchenorrhyncha taxonomy. $750,000 (5 years) Co-PI's Jason Cryan, Chris Dietrich, and Chris Simon (CS share of grant = 1/3).

2010 Feb REU Supplement to NSF DEB 05-29679 $7,500.

2006-2008 NZ Marsden Fund (equivalent of US NSF). Ice Age Refugia in New Zealand. PI Thomas Buckley (Landcare Research, Auckland), Associate Investigators Chris Simon (UCONN), Glenn Thackray (Idaho State U., Maureen Mara (U. Canterbury), Sponsor: Marsden Fund; Project period: 1/1/06-12/31/08. $675,000 NZD for three years. UCONN subcontract is $18,400 NZD for 2 years.

2007-2012. NSF DEB 07-20664 Systematics and biogeography of Australian Cicadettini and their relatives worldwide. Co-PI's Thomas Buckley, Peter Ritchie, and Max Moulds. $475,000, (3 years + 1 yr extension).
2008 REU Supplement to NSF DEB 07-2066 $6,750. (DEB-08-21876)
2009 REU Supplement to NSF DEB 07-2066 $15,000. (DEB-09-24183)
2010 REU Supplement to NSF DEB 07-2066 $7,500.
2011 REU Supplement to DEB 07-2066 $7,500.
2010-2013 NSF DEB-09-55849 Systematics and Biogeography of the Family Cicadidae Awarded May 2010, $642,900 for three years.
2011 REU Supplement to DEB-09-55849. $7,500.

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."

AWARDS AND HONORS (Excluding NSF Grants Listed Above)
1971, Membership in Phi Beta Kappa
1973-6, Sigma Xi Grants-in-Aid-of-Research (Three)
1976, Theodore Roosevelt Memorial Fund Research Grant
1976, President's Award, Teaching Excellence (Graduate Student), SUNY Stony Brook
1978, Associate Membership in Sigma Xi
1988, Presidential Citation, Teaching Excellence (Assistant Professor), Univ. Hawaii
1989, Fujio Matsuda Scholar research award, University of Hawaii
1995-8, Fulbright Research Fellowship (3 months/year for 3 years)
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

COMMISSIONS, BOARDS, EDITORSHIPS
1980, Member of Board of Governors, Staten Island Museum
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
1990-present, Editorial Board, Trends in Ecology & Evolution
1992-2000, Editorial Board, Proceedings of the Hawaiian Entomological Society
1992-95, Systematics Grant Review Panel, National Science Foundation

1995-2000, Associate Editor, Systematic Biology (two terms)
2001, Editor elect, Systematic Biology
2002-2004, Editor, Systematic Biology (Impact factor rose from 7.12 to 10.25 during this time)
2010- (March) Appointed to the International Scientific Advisory Board for the Allan Wilson Centre of Molecular Ecology and Evolution (Auckland U., Massey U., Victoria U., U. Christchurch, and U. Otago, New Zealand).

SOCIETY MEMBERSHIPS/OFFICES HELD

Society of Systematic Biology, Long Range Planning Committee (2009-pres), Publications (2008-pres.), Nominations Com. (1993, 2009), E. Mayr Award Com. (1994), Membership (96-7), Program Director (1995-98), SSB/SSE Joint council (96, 97, 98,06), Secretary (1998-2001), Executive Board (1995-2008), President Elect (2006), President (2007), Past President (2008).
Society for the Study of Evolution, Council 1991-94, Meeting Organizer 1991, Vice President (1998), Nominations Committee (2003-2005).
Society for Molecular Biology & Evolution, Nominations Committee (1995, 2004)
Systematics Association of New Zealand
American Association for the Advancement of Science
Organization for Tropical Studies
Hawaiian Entomological Society, Secretary (1984-85); Executive Committee (1989-90)
Association for Tropical Biology, Program Director (1992)
Hawaiian Botanical Society, Vice President (1984-85)

INVITED SEMINARS AND SYMPOSIA (Since 2001)

2001

13 Feb 2001. Phylogenetic and Mathematics meetings, Ruapehu, New Zealand, "Molecular clocks, geology, and the origin of New Zealand cicadas" Chris Simon (presenter), Thomas Buckley, Kent Holsinger and Peter Arensburger.
8-9 March 2001. Dept. Zoology, North Carolina State University, Raleigh, North Carolina. 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.
20 April 2001. Dept. Entomology, Rutgers University. The molecular evolution of 17-year cicadas with 13-year life cycles.
13 May 2001. Dept. Ecology & Evolution. University of Chicago. . 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.
12 Nov 2001. Dept. Entomology, Cornell University. The molecular evolution of 17-year cicadas with 13-year life cycles.
27 Nov 2001- Philadelphia Academy of Natural Sciences. Molecular clocks, Geology and the Origin of NZ cicadas.
28 Nov 2001. Americal Entomological Society (Philadelphia). The molecular evolution of 17-year cicadas with 13-year life cycles.
10 Dec 2001. Annual Meetings of the Entomological Society of America. San Diego, CA Symposium Speaker. Molecular clocks, Geology and the Origin of NZ cicadas.

2002

8 April 2002. U. Massachusetts Amherst. Molecular clocks, Geology and the Origin of NZ cicadas.

INVITED SEMINARS AND SYMPOSIA (Since 2001, Cont.)

2003

10 Feb 2003. International 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 2003. International Math & Phylogenetics Meetings, Kaikoura, N.Z. (coauthor with Kathy Hill who was the presenter).

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

9 April 2003. Department of Entomology, U. California, Davis, Molecular clocks, Geology and the Origin of NZ cicadas.

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

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

2004

19 Feb 2011. 11th International Math & Phylogenetics Meetings. Whakapapa Village, New Zealand. Progress in the systematics and evolution of NZ cicadas and their relatives world wide. C. Simon presenter.

8 March 2004. Banquet speaker for the annual meeting of the Eastern Branch of the Entomological Society of America, New Haven Connecticut.

11 March 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.”

25 April 2005. Dept. Biology, U. Maryland. (Invited by the Graduate Students) Evolution of 13- and 17-year Periodical Cicadas and progress in the systematics of cicada species worldwide.

2005.

13 Feb. 05. 12th International 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. Whitianga, New Zealand.

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

10 Nov 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]

2006.

2006. 14 Feb 2006. 13th International Math and Phylogenetics Meeting. Kaikoura, NZ. Chris Simon (presenter). 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 and Thomas Buckley.

2007.

23 Jan 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

14 Feb 2007. 14th International 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).

28 July 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).

2008.

23 June 2008. Presidential Address, Society of Systematic Biologists. Systematics, Evolution, and Natural History: Lessons from Past Presidents and Cicadas.

2009.

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

13 February 2009. On the origin and maintenance of cicada species. BioEd 2009. Darwin 200 Symposium. Celebrating the 200th anniversary of the birth of Charles Darwin, sponsored by the International Union of Biological Sciences, Commission on Biological Education, and the United Nations Educational Scientific and Cultural Organization; Hosted by the Allan Wilson Center, Christchurch, NZ. Chris Simon presenting.

14 July 2009. Using NZ examples to teach Darwin's 'Origin of Species': Lessons from cicada molecular phylogenetics. School of Biological Sciences, Victoria University of Wellington.

19 August 2009. Using NZ examples to teach Darwin's 'Origin of Species': Lessons from cicada molecular phylogenetics. Ecology, Evolution, and Conservation Biology Graduate Program Seminar, University of Hawaii. Chris Simon presenting

2010

11 February 2009. Progress in the Systematics of NZ, Australian, and World Cicadas. 17th International NZ Math & Phylogenetics Meetings, Whakapapa Village, NZ. Chris Simon, Kathy Hill, Dave Marshall, Chris Owen. Chris Simon, presenting.

17 July 2010. Victoria University of Wellington. Using NZ Examples to Teach Darwin's Origin of Species.

18 August 2010 University of Hawaii. Ecology, Evolution & Conservation Biology graduate program. "Using NZ Examples to Teach Darwin's Origin of Species."

13 October 2010. Stony Brook University, Department of Ecology & Evolution. "The natural history of molecules and the molecular history of organisms, or, life after Stony Brook.

23 November 2010. NZ Ecology Meetings, Dunedin. Plenary talk. Using Molecules to Understand the Evolution of NZ Cicada Biodiversity

2011

3 February 2011. Comparative phylogeography of NZ cicadas: the signature of ephemeral habitats. Molecular Systematics Group. School of Biological Sciences. Victoria University of Wellington.

8 February 2011. Species or species swarms? Complex species boundaries result from repeated contact and gene exchange between recently diverged species of NZ cicadas. 18th International NZ Math & Phylogenetics Meeting, Leigh Sawmill.

CONTRIBUTED PRESENTATIONS FROM MY LABORATORY (Since 2001)

2001 Jun Soc. System. Biol./Soc. Study Evol. Steve Jordan (presenter), Chris Simon, Knoxville, TN

2001 Aug Hawaii Conservation Conference (coauthor with B. Parsons (presenter), S. Jordan, D. Polheums, D. Foote) Honolulu, HI

2001. Thursday, Febuary 15, The Ecology of Insular Biotas. Victoria University of Wellington, Wellington, NZ. "Molecular clocks, geology, and the origin of New Zealand cicadas" Chris Simon (presenter), Thomas Buckley, Kent Holsinger and Peter Arensburger.

2002. Jun Soc. System. Biol./Soc. Study Evol. Urbana Illinois, Two talks: J. Cooley, D. Marshall presenting.

2003 Jun Soc. System. Biol./Soc. Study Evol. (coauthor with Dave Marshall who was the presenter), Chico, California.

2003 Jun Soc. System. Biol./Soc. Study Evol. (coauthor with Kathy Hill who was the presenter), Chico, California.

2004 June. Society of Systematic Biologists/Society for the Study of Evolution, annual meetings, Ft. Collins, Co. Jordan, S., M. Olaf, S. Carle, R. Englund, D. Foote, C. Simon, B. Parsons. Comparative phylogeography of four Hawaiian damselfly species. Poster.

2004 Jun Soc. System. Biol./Soc. Study Evol.Ft. Collins (coauthor with Dave Marshall, presenter) talk entitled Song divergence and mtDNA phylogeography in a recent radiation of New Zealand grass cicadas. Marshall, DC, KBR. Hill, JR. Cooley, and C Simon.

2004 Jun Soc. System. Biol./Soc. Study Evol.Ft. Collins (who was the presenter) talk entitled: Genetic structure in periodical cicadas revisited: Within- and between- species allozyme variation. John Cooley, Chris Simon, Julie Butte, Chris Ehrhardt.

2004. December. Association for the Study of Animal Behaviour London. Poster entitled, “Evolution of acoustic signals in cicadas with reference to phylogeny,” Sueur J., Vanderpool D., Ouvrard D., Bourgoin T., Aubin T. & Simon, C

2005. August. Systematics Symposium, 12th International Auchenorrhyncha Congress, Berkeley, CA, USA. Marshall DC (presenting), Cooley JR, Hill KBR, Simon C. 2005. 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

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

2006. June. SSB, SSE, ASN Annual meetings SUNY Stony Brook: 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. June. SSB, SSE, ASN Annual meetings SUNY Stony Brook. "The geography of speciation in a Pleistocene cicada radiation" Dave Marshall (presenting), authors: D.C. Marshall, K. Slon, C. Simon, J. Cooley, and K. Hill.

2007. June. SSB, SSE, ASN Annual meetings. 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).

2008. June. SSB, SSE, ASN. Minneapolis, MN. Elizabeth J. Wade, Dan Vanderpool, Matija Gogala, Tomi Trilar, Thomas Hertach, Stephane Puissant, & Chris Simon. Phylogenetics of the *Cicadetta Montana* (Hemiptera: Cicadidea) species complex in Europe. Poster.

CONTRIBUTED PRESENTATIONS FROM MY LABORATORY (Since 2001, cont.)

2008. June. SSB, SSE, ASN Annual meetings. Minneapolis, MN. John R. Cooley, Kathryn Fontaine, Kathy R.B. Hill, R. Thombre, and C. Simon. Hybrid mating and paternal leakage in periodical cicadas. Poster.

2009. June. Evolution 2009 (SSE/SSB/ASN) Moscow Idaho. Marshall, D. C., Hill, K. B. R., Fontaine, K., Buckley, T., and Simon, C. 2009. Glacial refugia in a maritime temperate climate: Cicada (*Kikihia subalpina* complex) mtDNA phylogeography in New Zealand. C. Simon, presenting

2009. June. Evolution 2009 (SSE/SSB/ASN) Moscow Idaho. **Marshall, D. C.**, Hill, K. B. R., Simon, C., and J. Cooley. Mitochondrial phylogeny branching-rate shifts predict divergence in acoustic sexual signals in a parapatric cicada radiation. D. Marshall, presenting.

2010 April. Simon, C. Accommodating biases in DNA data. Oral presentation. Partnership for Enhancing Expertise in Auchenorrhyncha Taxonomy Workshop, Albany, New York.

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

2010 April. Marshall, D.C. Tips for building likelihood-based phylogenetic trees. Oral presentation. Partnership for Enhancing Expertise in Auchenorrhyncha Taxonomy Workshop, Albany, New York.

2010 April. Beth Wade. NextGen Sequencing: overview of technology and use in phylogenetics. Oral presentation. Partnership for Enhancing Expertise in Auchenorrhyncha Taxonomy Workshop, Albany, New York.

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

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

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

2010 April. Beth Wade. Molecular systematics of the cryptic *Cicadetta montana* species complex. Oral presentation. Partnership for Enhancing Expertise in Auchenorrhyncha Taxonomy Workshop, Albany, New York.

2010. June. Evolution 2010 (SSE/SSB/ASN) Portland, Oregon. Simon, C., K.B.R. Hill, & D.C. Marshall. Not your father's Huechys: Progress in the systematics of the Family Cicadidae. C. Simon presenting.

2010. June. Evolution 2010 (SSE/SSB/ASN) Portland, Oregon. Owen, C.L. Diversification of the Australian cicada genus Pauropsalta. Chris Owen Presenting.

2010. June. Evolution 2010 (SSE/SSB/ASN) Portland, Oregon. Wade, E.J. Molecular systematics of bioacoustically described species of cicada Cicadetta montana (Insecta: Hemiptera: Cicadidae). Beth Wade presenting.

2011. June. Evolution 2011 (SSE/SSB/ASN) Norman, OK. Wade, E.J. & C. Simon. Hybridization between two NZ cicada species. Beth Wade presenting.

2011. June. Evolution 2011 (SSE/SSB/ASN) Norman, OK. K.B.R. Hill, D.C. Marshall, C. Simon. A phylogeny of the Dog Day Cicadas of North America (Hemiptera: Cicadidae: Tibicen).

2011. June. Evolution 2011 (SSE/SSB/ASN) Norman, OK. K.B.R. Hill, D.C. Marshall, C. Simon. 2011. Relaxed-molecular-clock dating when fossils are few: Australasian origin, rapid diversification and global expansion. Dave Marshall presenting.

PUBLICATIONS.

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.

Editorials

Olmstead, R. and Simon, C. 2001. 50th Anniversary of *Systematic Biology* and Introduction of Editor-Elect. Systematic Biology 50(1): 1-2.
Simon, C. 2002. Bayesian Analysis, Data Combinability, Tree Rooting, Nodal Support, Species' Radiations, Supertrees, and Phylogenetic Uncertainty. Systematic Biology 51(1): 1-2.
Simon, C. and R.D. Page. 2005. The past and future of Systematic Biology. Systematic Biology 54(1): 1-3.

Book Chapters

1) Eanes, W., P. Gaffney, R.K. Koehn, & C.M. 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.
2) Simon, C.M. 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.
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3. Originator and Corresponding Editor for an entire issue of Natural History Magazine devoted to Hawaiian Evolutionary Biology.

SCIENTIFIC ADVISING FOR VARIOUS NEWS/MEDIA, ORGANIZATIONS, SCHOLARLY PRODUCTIONS:

America On-Line, The Boston Globe, Genome News Network, National Geographic Magazine, National Public Radio, Nature, The New York Times, New Scientist (U.K.), Newsday, New Zealand Herald, New Zealand National Radio, Radio Live New Zealand, Reuters News Service, Science News, The Scientist, Science, The Wall Street Journal, The Washington Post, Newsday, Time Magazine, United Press International, Voice of America, WABC TV News, and a large number of local newspapers. Advisor for TV documentary films for: Japan Television Workshop; Sloan Foundation Supported Dramatic Screen Play featuring a positive view of science/scientists (John Haller, MFA, NYU).

Past and Present (* = Present) Postdoctoral Fellows in my Laboratory: Adrian Franke, Marta Wells, Hong Liu, Francesco Frati, Antonio Carapelli, Felipe Soto, John Cooley, David Marshall,* Young June Lee*, Ben Willis Price*.

Past and Present (*) Graduate Students in my Laboratory : Andrew Martin, Jack Sullivan, Al Phillips, Steve Jordan, Peter Arensburger, Pete Olsen (J. Caira advisor), Derek Sikes (C. Schaefer, advisor) , Thomas Artiss (visiting from Clarke U.), Karen Slon; Thomas Buckley (co-advised with G. Chambers, Victoria University Wellington), Kathy Hill* (co-advised with G. Chambers, Victoria University Wellington), Dan Vanderpool, Maxi Polihronakis (C. Henry, advisor), U. Sezen (R. Chazdon, Advisor), Jadranka Rota (D. Wagner, advisor), Jian-Hong Chen, Elizabeth Wade,* Christopher Owen*, Geert Goemans,* Russ Meister*.

Undergraduate or high school Research Students in my laboratory: Current: Cheryl Cutright, Patrick Gero, Emily Ellis, Rakee Thombre, Megan Ribak, **Past:** Colleen Chambers, Stacie Zielinski, Rachel Krauss, Graham McKean, Nicola Ricker, Christian Proietto, Kathryn Gannon, Michael Cordiero, Adam Leston, Kashiwa Hereford, Greg Staley, Julie Butte, Jennifer Deniega, Jennifer Morris, Kathy Kudish, Sejal Dalwadi, Jake Schumacher, Annie Paradis, Barbara Parsons, Christopher Ehrhardt, Grayson Bryant, Lindsay Carrubia, Thomas Lardaro, Brad Goupil, Angela Ktoroides, Lin Gan.

Post-graduate and postdoctoral advisors: R.K. Koehn, D.J. Futuyma, F.J. Rohlf, J.S. Farris, C.R. Carroll, T. Giesel, M. Lloyd, A. Templeton.

Professional References:

David M. Hillis, Alfred W. Roark Centennial Professor of Natural Sciences, Section of Integrative Biology, University of Texas, Austin, TX 78712, Phone: 512-471-5792; FAX: 512-471-3878, E-mail: DHillis@mail.utexas.edu

David Penny, Codirector and Professor, Allan Wilson Center for Molecular Ecology and Evolution, Massey University, Palmerston North, P O Box 11-222, New Zealand
Tel +64 6 350 5033; Fax: +64 6 350 5626, Courier Address, Institute of Molecular BioSciences, Science Tower D, E-mail: David Penny <d.penny@massey.ac.nz>

Cliff Cunningham, Professor, Duke Biology Department, Box 90338, Duke University Durham, NC 27708, Phone 919-660-7356; FAX 919-660-7293 , E-mail: Clifford Cunningham <cliff@duke.edu>