

CURRICULUM VITAE

CHRISTOPHER J. SCHNEIDER

Department of Biology, Boston University, 5 Cummington Mall, Boston, MA 02215, USA

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website: <http://people.bu.edu/cschneid>

Present Positions

- 2015–present Professor, Department of Biology, Boston University
- 2005–present Associate, Museum of Comparative Zoology, Harvard University
- 2002–present Senior Research Fellow, Center for Tropical Research, Institute of the Environment & Sustainability, UCLA

Degrees

- Ph.D. 1993 University of California at Berkeley (Zoology)
- M.A. 1987 University of Texas at Austin (Biological Sciences)
- B.S. 1982 Lewis and Clark College, Portland, Oregon (Biology)

Previous Positions and Professional Experience

- 2005-2015 Associate Professor, Department of Biology, Boston University
- 2012–2014 Director, Center for Ecology and Conservation Biology, Boston University
- 2011–2012 Acting Director, Center for Ecology and Conservation Biology, Boston University
- 1998–2011 Associate Director, Center for Ecology and Conservation Biology, Boston University
- 1998–2004 Assistant Professor of Biology, Boston University
- 1994–1998 Senior Research Officer, Systematics, Biogeography, and Evolution Programme, Cooperative Research Centre for Tropical Rainforest Ecology and Management, Department of Zoology, University of Queensland, Australia
- 1993–1994 Post Doctoral Researcher, Molecular Systematics Laboratory, Museum of Vertebrate Zoology, University of California Berkeley

Areas of Specialization

Speciation, molecular ecology, systematics and population genetics, evolutionary biology, herpetology, tropical biology and conservation

Professional Membership and Service

- Associate Editor, *The American Naturalist*, 2004 – 2007
- Society of Systematic Biologists
- Society for the Study of Evolution
- American Society of Ichthyologists and Herpetologists
- American Society of Naturalists

Record of Extramural Support

- 08/01/11 – 07/31/15 NSF (DEB) “Collaborative Research: The genetics of convergence at multiple levels: The evolution of colorful dewlaps in *Anolis*. PI: Christopher J. Schneider. Total Award: \$458,192.
- 06/01/10 – 05/31/12 NSF (DEB) “Dissertation Research: Genetics of colorful pigmentation in *Anolis* lizards.” PI: Christopher J. Schneider; Ph.D Candidate: Nicholas G. Crawford. Total Award: \$15,000
- 06/15/04 - 6/14/08 NASA "Quantifying Patterns of Biodiversity in a Changing Climate: Integrating Biological Point and Process Data with Remotely Sensed Environmental Parameters." PI: Thomas B. Smith, UCLA. Co-PIs: Christopher J. Schneider (BU), Sassan Saatchi (NASA/JPL), Robert K. Wayne (UCLA). Total Award: \$1,200,000. BU subaward \$216,872.
- 09/01/04 - 05/31/07 NSF (DEB) "Systematics and Taxonomy of the rhacophorid Anuran Radiation in Sri Lanka." PI: Christopher Schneider (BU). Co-PI: James Hanken, Harvard University. Total Award: \$250,000.
- 10/01/04 – 09/30/07 NSF (DBI) "Facilities improvement at the Tiputini Biodiversity Station in Eastern Ecuador." PI: Tom Kunz (BU). Co-PI: Christopher J. Schneider and Laura M. MacLatchy (BU). Total Award: \$193,700.
- 04/01/04 - 03/31/05 National Geographic Society. “Species diversity and phylogeny of direct-developing rhacophorid frogs in Sri Lanka”. PI: Christopher Schneider (BU). Total Award: \$24,300.
- 07/01/03 – 06/30/04 NSF (Equipment and Instrumentation) "Purchase of a new capillary sequencer for the Biology Department at Boston University." PI: Michael Sorenson. Co-PI's: Christopher Schneider, John R. Finnerty, John Celenza. Total Award: \$102,887.
- 10/01/99 - 09/30/03 National Science Foundation Integrated Research Challenges in Environmental Biology (IRCEB). "A cross-disciplinary study of evolutionary processes that sustain rainforest diversity." PI: Thomas Smith (UCLA). Co-PI's: Christopher Schneider (BU), Craig Moritz (UC Berkeley), Robert Wayne (UCLA). Total Award \$2,619,068. BU sub-award \$602,421.

Peer Reviewed Publications

* Denotes papers on which I am corresponding author but for which I am not first author.

†Postdoc from my lab. ‡Graduate student. §Undergraduate student.

2015

‡Meegaskumbura M, Senevirathne G, Biju SD, Sonali G, ‡Meegaskumbura S, Pethiyagoda R, Hanken J, **Schneider CJ** (2015) Patterns of reproductive-mode evolution in Old World tree frogs (Anura, Rhacophoridae) *Zoologica Scripta* 44, 509–522.
DOI: 10.1111/zsc.12121

2014

Graham CH, Carnaval AC, Cadena CD, Zamudio KR, Toberts TE, Parra JL, McCain CM, Bowie RCK, Moritz C, Baines SB, **Schneider CJ**, VanDerWal J, Rahbek C, Kozak KH, Sanders NJ (2014) The origin and maintenance of montane diversity: integrating evolutionary and ecological processes. *Ecography*: Article first published online: 2 JUN 2014
DOI: 10.1111/ecog.00578

2013

‡Kieswetter CM, **Schneider CJ** (2013) Phylogeography in the northern Andes: Complex history and cryptic diversity in a cloud forest frog, *Pristimantis w-nigrum* (Craugastoridae). *Molecular Phylogenetics and Evolution* 69:417-429.

§Muñoz MM, ‡Crawford NG, †McGreevy TJ Jr., §Messana NJ, §Tarvin RD, §Revell LJ, §Zandvliet RM, §Hopwood JM, §Mock E, Schneider AL, **Schneider CJ** (2013) Divergence in coloration and ecological speciation in the *Anolis marmoratus* species complex. *Molecular Ecology* 22:2668-2682.

Fuller TL, Thomassen HA, Peralvo M, Buermann W, Mila B, ‡Kieswetter CM, †Jarrin-V P, Cameron Devitt SE, Mason E, Schweizer RM, Schlunegger J, Chan J, Wang O, **Schneider CJ**, Pollinger JP, Saatchi S, Graham CH, Wayne RK, Smith TB (2013) Intraspecific morphological and genetic variation of common species predicts ranges of threatened ones. *Proceedings Royal Society London (Series B)* 280: 20130423.

2012

Kronforst MR, Barsh GS, Kopp A, Mallet J, Monteiro A, Mullen SP, Protas M, Rosenblum EB, **Schneider CJ**, Hoekstra HE (2012) Unraveling the thread of nature's tapestry: the genetics of diversity and convergence in animal pigmentation. *Pigment Cell & Melanoma Research* 25:411-433.

‡Meegaskumbura S, ‡Meegaskumbura M, **Schneider CJ** (2012) Re-evaluation of the taxonomy of the Sri Lankan pigmy shrew *Suncus fellowesgordoni* (Soricidae: Crocidurinae) and its phylogenetic relationship with *S. etruscus*. *Zootaxa* 3187:57-68.

2011

Alfoldi J, Di Palma F, Grabherr M, Williams C, Kong L, Mauceli E, Russel P, Lowe CB, Glor R, Jaffe JD, Ray DA, Boissinot S, Botka C, Colbourne JK, Fujita MK, Moreno RG, ten Hallers BF, Haussler D, Heger A, Heiman D, Janes DE, Johnson J, de Jong PJ, Koriabine MY, Lara MC, Novick P, Organ CL, Peach SE, Poe S, de Queiroz K, Sanger T, Searle S, Shedlock AM, Smith JD, Smith Z, Swofford R, Turner-Maier J, Wade J, Young S, Zadissa A, Genome Sequencing Platform and Whole Genome Assembly Team, Edwards SV, Glenn T,

- Schneider CJ**, Losos JB, Lander ES, Breen M, Ponting CP, Lindblad-Toh K. (2011) The genome of *Anolis carolinensis*, the green anole lizard, and a comparative analysis with birds and mammals. [Nature 477:587-591](#).
- Kusumi K, Kulathinal RJ, Abzhanov A, Boissinot S, Crawford NG, Faircloth BC, Glenn TC, Janes DE, Losos JB, Menke DB, Poe S, Sanger TJ, **Schneider CJ**, Stapley J, Wade J, and Wilson-Rawls J (2011) Developing a Community-Based Genetic Nomenclature for Anole Lizards. [BMC Genomics 12:554-566](#).
- Cadena CD, Kozak KH, Gómez JP, Parra JL, McCain CM, Bowie RCK, Carnaval AC, Moritz C, Rahbek C, Roberts TE, Sanders NJ, **Schneider CJ**, VanDerWal J, Zamudio KR, Graham CH (2011) Latitude, elevational climatic zonation, and speciation in New World vertebrates. [Proceedings of the Royal Society of London \(Series B\) 279:194-201](#).
- Thomassen HA, Fuller T, Buermann W, Mila B, #Kieswetter CM, #Jarrin P, Cameron SE, Mason E, Schweizer R, Schlunegger J, Chan J, Wang O, Peralvo M, **Schneider CJ**, Graham CH, Pollinger JP, Saatchi S, Wayne RK, Smith TB (2011) Mapping evolutionary process: a multi-taxa approach to conservation prioritization. [Evolutionary Applications 4:397-413](#).
- 2010 and prior**
- #Meegaskumbura S, #Meegaskumbura M, **Schneider CJ** (2010) Systematic relationships and taxonomy of *Suncus montanus* and *S. murinus* from Sri Lanka. [Molecular Phylogenetics and Evolution 55:473-487](#).
- Thomassen HA, Buermann W, Mila B, Graham CH, Cameron SE, **Schneider CJ**, Pollinger JP, Saatchi S, Wayne RK and Smith TB (2010) Modeling environmentally associated morphological and genetic variation in a rainforest bird, and its application for conservation prioritization. [Evolutionary Applications 3:1-16](#).
- #Meegaskumbura S, **Schneider CJ** (2008) A taxonomic evaluation of the shrew *Suncus montanus* (Soricidae: Crocidurinae) of Sri Lanka and India. [Ceylon J. Sci. \(Bio. Sci.\) 37:129-136](#).
- Schneider CJ** (2008) Exploiting genomic resources in studies of speciation and adaptive radiation of lizards in the genus *Anolis*. [Integrative and Comparative Biology 48:520-526](#).
- #Chaverri G, **Schneider CJ**, Kunz TH (2008) Mating system of the tent-making bat *Artibeus watsoni* (Chiroptera: Phyllostomidae). [Journal of Mammalogy 89:1361-1371](#).
- #Meegaskumbura S, #Meegaskumbura M, Pethiyagoda R, Manamendra-Arachchi K, **Schneider CJ** (2007) *Crocidura hikmiya*, a new shrew (Mammalia: Soricomorpha: Soricidae) from Sri Lanka. [Zootaxa 1665:19-30](#).
- #Campbell P, **Schneider CJ**, Zubaid A, Adnan AM, Kunz TH (2007) Morphological and ecological correlates of coexistence in Malaysian fruit bats (Chiroptera: Pteropodidae). [Journal of Mammalogy 88:105-118](#).

- ‡Meegaskumbura M, Manamendra-Arachchi K, **Schneider CJ**, Pethiyagoda R (2007) New species amongst Sri Lanka's extinct shrub frogs (Amphibia: Rhacophoridae: *Philautus*). [Zootaxa 1397:1-15](#).
- ‡Campbell P, **Schneider CJ**, Adnan AM, Zubaid A, Kunz TH (2006) Comparative population structure of *Cynopterus* fruit bats in peninsular Malaysia and southern Thailand. [Molecular Ecology 15:29-47](#).
- Bahir MM, ‡Meegaskumbura M, Manamendra-Arachchi K, **Schneider CJ**, Pethiyagoda R (2005) Reproduction and terrestrial direct development in Sri Lankan shrub frogs (Ranidae: Rhacophorinae: *Philautus*). [Raffles Bulletin of Zoology Supplement 13:339-350](#).
- ‡Campbell P, **Schneider CJ**, Adnan AM, Zubaid A, Kunz TH (2004) Phylogeny and phylogeography of Old World fruit bats in the *Cynopterus brachyotis* complex. [Molecular Phylogenetics and Evolution 33:764-781](#).
- Bossuyt F, ‡Meegaskumbura M, Beenaerts N, Gower DJ, Pethiyagoda R, Roelants K, Mannaert A, Wilkinson M, Bahir MM, Manamendra-Arachchi K, Ng PKL, **Schneider CJ**, Oomen OV, Milinkovitch MC (2004) Local endemism within the Western Ghats – Sri Lanka biodiversity hotspot. [Science 306:479-481](#).
- Graham CJ, Ron SR, Santos JC, **Schneider CJ**, Moritz C. (2004) Integrating phylogenetics and environmental niche models to explore speciation mechanisms in dendrobatid frogs. [Evolution 58: 1781-1793](#).
- Hoskin CJ, Couper PJ, **Schneider CJ** (2003) A new species of *Phyllurus* (Lacertilia : Gekkonidae) and a revised phylogeny and key for the Australian leaf-tailed geckos. [Australian J. Zool. 51:153-164](#).
- ** Meegaskumbura M, Bossuyt F, Pethiyagoda R, Manamendra-Arachchi K, Bahir M, Milinkovitch MC, **Schneider CJ** (2002) Sri Lanka: An amphibian hotspot. [Science 298:379](#)
- Smith TB, **Schneider CJ**, Holder K (2001) Refugial isolation versus ecological gradients: Testing alternative mechanisms of evolutionary divergence in four rainforest vertebrates. [Genetica 112:383-398](#).
- Knox AK, Losos JB, **Schneider CJ** (2001) Adaptive radiation versus intraspecific differentiation: Morphological variation in Caribbean *Anolis* lizards. [Journal of Evolutionary Biology 14:904-909](#).
- Stuart-Fox DM, **Schneider CJ**, Moritz C, Couper PJ (2001) Comparative phylogeography of three rainforest restricted lizards from mideast Queensland. [Australian Journal of Zoology 49:119-127](#).
- ‡Kingston T, Lara MC, Jones G, Akbar Z, Kunz TH, **Schneider CJ** (2001). Acoustic divergence in two cryptic *Hipposideros* species: a role for social selection? [Proceedings of the Royal Society of London Series B 268:1381-1386](#).

- Schneider CJ**, Losos JB, deQueiroz K (2001). Evolutionary relationships of the *Anolis bimaculatus* group from the Northern Lesser Antilles. [Journal of Herpetology 35:1-12.](#)
- Moritz C, Patton JL, **Schneider CJ**, Smith TB (2000) Diversification of rainforest faunas: An integrated molecular approach. [Annual Reviews of Ecology and Systematics 31: 533-563.](#)
- Couper PJ, **Schneider CJ**, Hoskin C, Covacevich JA (2000). Australian leaf-tailed geckos: Phylogeny, a new genus, two new species and other new data. *Memoirs of the Queensland Museum* 45:253-265.
- Schneider CJ**, Smith TB, Larison B, Moritz C (1999). A test of alternative models of diversification in tropical rainforests: Ecological gradients versus rainforest refugia. [Proceedings of the National Academy of Sciences USA 96:13869-13873.](#)
- Schneider CJ** and Moritz C (1999). Rainforest refugia and evolution in Australia's Wet Tropics. [Proceedings of the Royal Society of London Series B 266:191-196.](#)
- Schneider CJ**, Cunningham M, Moritz C (1998) Comparative phylogeography and the evolution of reptiles and amphibians endemic to the Wet Tropics rainforests of Australia. [Molecular Ecology 7: 487-498.](#)
- Wake DB and **Schneider CJ** (1998) Taxonomy of the plethodontid salamander genus *Ensatina*. [Herpetologica 54: 279-298.](#)
- Couper PJ, **Schneider CJ**, Covacevich JA (1997) A new species of *Saltuarius* (Lacertilia: Gekkonidae) from granite-based, open forests of eastern Australia. *Memoirs of the Queensland Museum* 42: 91-96.
- Schneider CJ** (1996) Distinguishing between primary and secondary intergradation among morphologically differentiated populations of *Anolis marmoratus*. [Molecular Ecology 5: 239-249.](#)
- Moritz C, Schneider, CJ and Wake DB (1992) Evolutionary relationships within the *Ensatina eschscholtzii* complex confirm the ring species interpretation. [Systematic Biology 41: 273-291.](#)

Book Chapters

- †Lara MC, Geise L, **Schneider CJ** (2005). Patterns of small mammal diversification in the Atlantic Forest of Brazil. Pages 311-333 in: E. Lacey and P. Myers (eds.) *Mammalian Diversification: From Chromosomes to Phylogeography*. University of California Publications in Zoology.
- Schneider CJ** & Williams SE (2005). Effects of Quaternary Climate Change on Rainforest Diversity: Insights from Spatial Analyses of Species and Genes in Australia's Wet Tropics. Pages 401-424 in: E. Bermingham, C.W. Dick, and C. Moritz (eds.) *Tropical Rainforests: Past, Present, and Future*. University of Chicago Press.

Moritz C, Joseph L, Cunningham M, **Schneider CJ** (1997) Molecular perspectives on historical fragmentation of Australian tropical and subtropical rainforest: Implications for conservation. Pages 442-454 in: WF Laurance and RO Bierregaard (eds.) *Tropical Forest Remnants: Ecology, Management and Conservation of Fragmented Communities*. University of Chicago Press, Chicago.

Reviews and Commentaries

Losos JB, **Schneider CJ** (2009) *Anolis* lizards. [Current Biology 19:R316-318](#).

Smith TB, Kark S, **Schneider CJ**, Wayne RK, Moritz C (2001) Biodiversity hotspots and beyond: the need for preserving environmental transitions. [TREE 16:431](#).

Schneider CJ (2000). Natural selection and speciation. [Proceedings of the National Academy of Sciences USA 97: 12398-12399](#).

Conference Presentations and Invited Seminars (since 2000).

*Presenter for multi-authored presentations; †Postdoc; ‡Graduate student; §Undergraduate

07/13 *Genomics of local adaptation and colorful pigmentation in Anolis lizards*. NG Crawford[‡], TJ McGreevy[†], CJ Schneider. Joint meeting Society for the Study of Evolution, Society for Systematic Biology and American Society of Naturalists.

08/12 *The genetic basis of phenotypic diversity and divergence in Anolis marmoratus*. CJ Schneider*, NG Crawford[‡], TJ McGreevy[†]. Seventh World Congress of Herpetology, Vancouver, BC.

07/12 *Crazy quilting: The genomics of local adaptation and divergence with gene flow in Anolis marmoratus*. CJ Schneider*, NG Crawford[‡], TJ McGreevy[†]. Joint meeting Society for the Study of Evolution, Society for Systematic Biology and American Society of Naturalists. Ottawa, Canada.

10/11 *Genetics and genomics of colorful pigmentation in Anolis lizards*. University of Massachusetts, Boston. **Invited Speaker**.

04/10 *Genetics and Evolution of colorful pigmentation in Anolis lizards*. Radcliffe Symposium on "The Genetics and Evolution of Animal Coloration", Radcliffe Institute, Cambridge, MA. **Invited Speaker**.

10/09 *Genetics and Genomics of colorful pigmentation in Anolis*. Broad Institute, Cambridge, MA. **Invited Speaker**.

10/09 *Genome scan identifies two loci associated with color polymorphism in Anolis marmoratus*. RD Tarvin[§], NG Crawford[‡], CJ Schneider*. Symposium on the Biology of *Anolis*, Harvard University.

07/09 *Genetics of colorful pigmentation in Anolis lizards*. NG Crawford^{**}, HE Hoekstra, JB Losos, CJ Schneider. Gordon Conference: Evolutionary & Ecological Functional Genomics. Tilton, NH.

- 04/09 *Adaptive speciation in Anolis lizards*. Iowa State University. **Invited Speaker.**
- 02/09 *Local adaptation, sexual selection and speciation in Anolis lizards*. Darwin Days, Salem State College, **Invited Speaker.**
- 01/09 *Evolution of dewlap pigmentation in anoline lizards*. NG Crawford*, HE Hoekstra, JB Losos, CJ Schneider. Society of Integrative and Comparative Biology, Annual Meeting, Boston, MA.
- 11/07 *Animal species and Speciation*. First Porto Allegre Evolutionary Biology Workshop, Universidade Federal do Rio Grande do Sul, Porto Allegre, Brazil. **Invited speaker.**
- 03/07 *"There is grandeur in this view of life": Darwin, Evolution, Science and Society*. Boston Museum of Science. **Invited presentation for Boston area high school students coinciding with the opening of the "Darwin Exhibit", from the American Museum of Natural History.**
- 07/06 *Speciation in Anolis lizards*. National Evolutionary Synthesis Center (NESCENT) symposium on Caribbean Biogeography, Dominican Republic. **Invited Speaker.**
- 02/05 *Geographic Variation, Selection and Speciation: Did Darwin have it right?* Northeastern University. **Graduate Student Invited Speaker.**
- 10/03 *Speciation as a population process: The relative roles of selection and drift*. Missouri Botanical Garden 50th Annual Systematics Symposium. **Invited Speaker.**
- 10/03 *Selection, Drift and Speciation*. University of Massachusetts Amherst. **Invited Speaker.**
- 06/02 *A newly discovered adaptive radiation of rhacophorid tree frogs in Sri Lanka*. American Society of Ichthyologists and Herpetologists Annual Meeting, Kansas City, MO.
- 06/02 *Light environment and divergence of color and pattern in the Anolis marmoratus complex*. American Society of Ichthyologists and Herpetologists Annual Meeting, Kansas City, MO.
- 02/02 *Testing alternative models for vertebrate diversification in tropical rainforests*. University of Connecticut **Invited speaker.**
- 02/02 *Vertebrate diversification in the tropics: Did Darwin have it right?* Salem State College, Darwin Days Celebration **Invited speaker.**
- 01/02 *Testing alternative models for vertebrate diversification in tropical rainforests*. Washington University (St. Louis) **Invited speaker.**
- 01/02 *Sensory drive, light environment and the evolution of polymorphism in the Anolis marmoratus complex*. Washington University (St. Louis) **Invited speaker.**

- 10/01 *Sensory drive, sexual selection, and speciation.* Wood's Hole Marine Biological Laboratories seminar series **Invited speaker.**
- 10/01 *Testing hypotheses of diversification in tropical rainforests.* Harvard University OEB seminar series **Invited speaker.**
- 06/00 *The role of ecology and natural selection in diversification of tropical rainforest vertebrates.* Society for the Study of Evolution, Society of Systematic Biologists, and American Society of Naturalists Joint Annual Meeting, Bloomington Indiana.

Professional Service

Editorial Boards

Associate Editor, *The American Naturalist*, 2004-2007

Harvard Radcliffe Institute for Advanced Study

Spring 2014 Science Fellowship Finalist Selection Committee

NSF Review Panels

Fall 2013 Evolutionary Ecology Full Proposal Review

Spring 2013 Evolutionary Ecology Preproposal Review

Fall 2008 Phylogeography and Biogeography Full Proposal Review

Fall 2004 Biodiversity Surveys and Inventories Full Proposal Review

Fall 2003 Biological Research Collections Full Proposal Review

Ad Hoc Reviewer for:

Proceedings of the National Academy of Sciences USA; Proceedings of the Royal Society of London; Evolution; Systematic Biology; Genetics; Journal of Heredity; Journal of Evolutionary Biology; Molecular Ecology; Molecular Biology and Evolution; Molecular Phylogeny and Evolution; Genetics, Selection and Evolution; Copeia; Herpetologica; National Science Foundation; Natural Environment Research Council (UK); Israel Science Foundation; and Australian Research Council.

College and University Service

2013 – 2014 Director, Center for Ecology and Conservation Biology, Boston University

2012 – 2014 Core Curriculum Natural Sciences Associate Director

2011 – 2014 Institutional Animal Care and Use Committee

2008 – 2009 Boston University Darwin Bicentennial Celebration Committee

2002 – 2005 Boston University Academic Policy Committee

Departmental Service

BU Tropical Ecology Program Director (2014 – present)

Associate Chair for Ecology, Behavior and Evolution (2010 – 2012)

Marine Biology Field Station Review (2011)

Worked with BUMP director John Finnerty and Scientific Diving Supervisor Phil Lobel to assess field facilities for BUMP field courses in Belize.

Promotion and Tenure Committee (2003 – 2005; 2006 – 2009)

Chair's Advisory Committee

2004 – 2005

Graduate Admissions Committee.

1999 – 2001

Search committee member on six search committees at Boston University. Served on four search committees for the Ecology, Behavior, and Evolution group in the Biology Department that resulted in four hires. Served on a search committee for the BU Marine Program (BUMP) that resulted in two hires, and served on a search committee in the Geography Department that resulted in one hire.

Chairman's ad hoc BUMP advisory committee. Served on the department chairman's ad hoc advisory committee for the Boston University Marine Program (BUMP) to integrate the Marine Program with the Ecology, Behavior, and Evolution program on the BU Charles River Campus.

Public Outreach and Education

Public Lectures at Boston Museum of Science. I presented invited public lectures on evolution to Boston area high school students at the Boston Museum of Science in 2007 coinciding with the opening of the Darwin Exhibit at the Museum of Science.

PBS Evolution Project. My research was featured in the PBS *Evolution* series. I served as an advisor and reviewer of web-based educational materials (see <http://www.pbs.org/wgbh/evolution/>), and I participated in the production of educational videos and materials for high-school students and college freshmen.

Darwin Days speaker (2002 and 2009). Invited speaker at the Darwin Days celebration hosted by Salem State College, a public outreach and science education project in its 30th year.

Teaching and Mentoring

Students and Postdocs (minority*)

Postdocs

Adam Freedman, NSF Postdoctoral Research Associate (2011 – present). Former postdoc with John Novembre and Robert Wayne, UCLA (2009 – 2011).

Thomas J. McGreevy, NSF Postdoctoral Fellow (2011 – 2013). Current position: Director, Conservation Genetics Laboratory, University of Rhode Island.

Marcia Lara, NSF supported Senior Research Associate (1999 – 2002). Current position: Senior Operations Strategist, Biogen-Idec (2013 – present). Former Manager of Molecular Biology Production Group and Genetic Sequence Sample Repository, Broad Institute of Harvard and MIT (2003 – 2013).

Jessica Worthington-Wilmer, American Association of University Women Fellow (1999-2000); NSF supported Research Associate (2000-2001). Current position: Director, Molecular Systematics Programme, Queensland Museum, Brisbane, Australia (2002-present).

Ph.D. Students

William Caffry (2014 – present)

Nicholas Crawford (2007 – 2013). Current position: Postdoc, Sarah Tishkoff laboratory at U Penn.

Charlie Kieswetter (2003 – 2011). Current position: Instructor, Introductory Biology, BU.

Madhava Meegaskumbura (2000 - 2007). Current position: Professor of Biology, Peradeniya University, Sri Lanka (2009 – present). Environmental Postdoctoral Fellow, Harvard University (2007-2009);

Suyama Meegaskumbura (2001 - 2007). Current position: Professor of Biology, Peradeniya University, Sri Lanka (2008 – present).

Polly Campbell (with T. Kunz, 2000 – 2005). Current position: Asst. Professor, Oklahoma State University.

Pablo Jarrin* (with T. Kunz, 2003 - present). Current position: Director, Pontificia Universidad Catolica Yasuni Biological Station, Ecuador.

Master's Students

Corrine Joshu (M.S. 2002)

Pablo Jarrin* (with T. Kunz, M.S. 2003)

Undergraduate Students

Nicholas Messana 2011-12. UROP supported independent research; AY 2011-2012.

Christian Rouldan* 2010. SURF supported minority research fellowship; Summer 2010.

Alex Ing 2009. UROP supported independent research; Summer 2009.

Rebecca Tarvin 2008-2009. UROP supported independent research; Summer, Fall 2008.

Ph.D. student, University of Texas at Austin, 2010 – present.

Martha Muñoz* 2006. Work for Distinction, Spring – Fall 2006; UROP supported independent research Summer 2006. Ph.D. student Harvard University 2008 – present.

Liam Revell 2001 – 2003. Summer and Fall 2001 Sponsored by Boston University Research Opportunities for Undergraduates Program (UROP). Independent research Spring and Summer 2002. Work for Distinction Academic Year 2002 – 2003. Ph.D. Harvard University, 2009. Current position: Assistant Professor of Biology, University of Massachusetts, Boston 2011 – present.

Breda O'Donohoe 2000 – 2001. Summer 2000, academic year 2000 – 2001 independent study. Ph.D. Harvard University, 2008.

Allison Flaim 2000 – 2001. Summer 2000, academic year 2000 – 2001 independent study.

Tracy Heath 2000. Summer – Fall 2000 independent study. Ph.D. University of Texas at Austin 2007.

Jodi Kansagor 1999 – 2000. Summer 1999 NSF REU, Academic year 1999-2000 independent study.

Ph.D. Thesis Committees

Lauren Freidman (current) – Second Reader

Jeff DaCosta (current) – Second Reader

Jesse Delia (current) – Second Reader

Katy Stryjewski (current)

Kari Ryder (2010)

Breda Zimkus (2008) – Harvard University

Eric Crandall (2007) – Second Reader

David Blackburn (2007) – Harvard University

Gloriana Chaverri (2006)

Kevin Njabo (2006) – Second Reader
 Ryan Harrigan (2006) – Second Reader
 Ben Rinehart (2006)
 Marcio Pie (2006)
 Maureen Mazza (2006 Cell and Molecular Biology)
 Patrick Burton (2004) – Second Reader
 Chris Balakrishnan (2004) – Second Reader
 Jamie Bechtel (2001) – Third Reader
 Elizabeth Stacy (2001) – Second Reader
 Jay Storz (2000) – Second Reader
 Colin Brent (1999) – Third Reader

M.S. Thesis Committees

Mark Maguire (Geography 2002)
 Rebecca French (2001)
 Jennifer Baldacci (2001)

History of teaching at BU

| Semester | Course Number | Course Title | Credit Hours | Enrolment | Course Rating | Instructor Rating | Additional Information |
|-----------------|----------------------|---------------------------------|---------------------|------------------|----------------------|--------------------------|--|
| S 2014 | BI 416 / 616 | Herpetology | 2 | 14 | | | Co-taught with Karen Warkentin |
| S 2014 | CC 106 | Core Natural Sciences | 4 | 63 | | | Course Coordinator; Co-taught with two other instructors |
| F 2013 | BI 107 | Introductory Biology | 2 | 500 | | | Co-taught with three other instructors |
| S 2013 | CC 106 | Core Natural Sciences | 4 | 52 | 3.47 | 3.60 | Course Coordinator; Co-taught with two other instructors |
| F 2012 | BI 107 | Introductory Biology | 2 | 500 | 3.72 | 3.91 | Co-taught with three other instructors |
| F 2012 | BI 309 | Evolution | 2 | 80 | 3.89 | 4.22 | Co-taught with Sean Mullen. TF: Kristina Cohen. |
| S 2012 | CC 106 | Core Natural Sciences | 4 | 125 | | | Co-taught with four other instructors |
| F 2011 | BI 581 | Animal Communication and Signal | 2 | 9 | 4.22 | 4.89 | |

| | | Evolution | | | | | |
|--------|--------|--|---|-----|------|------|--|
| F 2011 | BI 512 | Mammalian Ecology | 4 | 9 | 4.13 | 4.50 | Substituted for Tom Kunz during final six weeks of the course. TF: Elizabeth Braun de Torrez |
| F 2011 | BI 107 | Introductory Biology | 2 | 475 | 3.84 | 3.89 | Co-taught with three other instructors |
| S 2011 | BI 309 | Evolution | 4 | 66 | 4.04 | 4.37 | TF: Nick Crawford |
| F 2010 | BI 581 | Seminar in Biodiversity | 2 | 5 | 4.00 | 4.17 | |
| F 2010 | BI 107 | Introductory Biology | 2 | 570 | 3.85 | 4.00 | Co-taught with three other instructors |
| S 2010 | BI 309 | Evolution | 4 | 43 | 4.00 | 4.26 | TF: Mario Muscedere |
| F 2009 | BI 581 | Natural Selection and Adaptation | 2 | 5 | 4.83 | 4.83 | |
| F 2009 | BI 107 | Introductory Biology | 2 | 500 | 3.67 | 3.67 | Co-taught with three other instructors |
| S 2009 | BI 582 | Frontiers in Ecology, Behavior and Evolution | 2 | 6 | 5.00 | 5.00 | |
| S 2009 | BI 309 | Evolution | 4 | 39 | 4.06 | 4.43 | |
| F 2008 | BI 107 | Introductory Biology | 2 | 500 | 3.70 | 3.91 | Co-taught with three other instructors |
| S 2008 | BI 504 | Evolution | 4 | 35 | 4.18 | 4.43 | |
| F 2007 | BI 549 | Molecular Phylogenetics and Evolution | 2 | 6 | 3.67 | 4.50 | Co-taught with Mike Sorenson |
| F 2007 | BI 107 | Introductory Biology | 2 | 500 | 3.67 | 3.75 | Co-taught with three other instructors |
| S 2007 | BI 504 | Evolution | 4 | 40 | 4.24 | 4.59 | |

| | | | | | | | |
|-----------------|--------|---|---|-----|------|------|--|
| F 2006 | BI 581 | Ecological and Evolutionary Functional Genomics | 2 | 8 | 4.14 | 4.86 | |
| F 2006 | BI 107 | Introductory Biology | 2 | 500 | 3.57 | 3.69 | Co-taught with three other instructors |
| F 2005 – S 2006 | | Sabbatical leave | | | | | |
| S 04 | BI 504 | Evolution | 4 | 29 | 3.91 | 4.17 | |
| F 03 | BI 107 | Introductory Biology | 2 | 500 | 3.57 | 4.05 | Co-taught with three other instructors |
| F 03 | BI 549 | Molecular Phylogenetics and Evolution | 2 | 23 | 4.06 | 4.22 | Co-taught with Mike Sorenson |
| S 03 | BI 504 | Evolution | 4 | 23 | 4.25 | 4.65 | For this and all subsequent semesters, 1 = Poor and 5 = Excellent. |
| F 02 | BI 581 | Seminar in Adaptive Radiation | 2 | 13 | 1.73 | 1.36 | For this and all previous semesters, 1 = Outstanding, 5 = Very Poor. |
| F 02 | BI 107 | Introductory Biology | 2 | 400 | 2.54 | 2.15 | Co-taught with three other instructors |
| S 02 | BI 504 | Evolution | 4 | 38 | 2.10 | 1.70 | TF: Corrie Joshu |
| F 01 | BI 107 | Introductory Biology | 2 | 372 | 2.58 | 2.14 | Co-taught with three other instructors |
| F 01 | BI 549 | Molecular Phylogenetics & Evolution | 2 | 13 | 1.70 | 1.60 | Co-taught with Mike Sorenson |
| S 01 | BI 504 | Evolution | 4 | 33 | 2.56 | 1.87 | TF: Chris Balakrishnan |
| S 01 | BI 582 | Seminar in Speciation | 2 | 11 | 1.71 | 1.50 | |
| F 00 | BI 107 | Introductory | 2 | 460 | 2.59 | 2.51 | Co-taught with three |

| | | Biology | | | | | other instructors |
|------|--------|---|---|-----|------|------|---|
| S 00 | BI 504 | Evolution | 4 | 34 | 2.00 | 1.74 | |
| F 99 | BI 549 | Molecular Phylogenetics & Evolution | 2 | 12 | 2.71 | 2.00 | Co-taught with Mike Sorenson |
| F 99 | BI 107 | Introductory Biology | 2 | 450 | 2.64 | 2.49 | Co-taught with three other instructors |
| S 99 | BI 504 | Evolution | 4 | 11 | 1.89 | 2.00 | |
