

BIOGRAPHICAL SKETCH  
WILLIAM BRYAN JENNINGS

**A. PROFESSIONAL PREPARATION**

<b>Institution</b>	<b>Major</b>	<b>Degree</b>	<b>Year</b>
U.C. Santa Barbara	Zoology	B. A.	1990
U. Texas, Arlington	Biology	M. S.	1993
U. Texas, Austin	Integrative Biology	Ph. D.	2002
U. Washington, Seattle	Organismal Biology	Postdoc	2002-03
Harvard U.	Organismal Biology	Postdoc	2004-06

**B. APPOINTMENTS**

2/20 - present	Associate Professional Researcher, Department of Evolution, Ecology, and Organismic Biology, University of California at Riverside
8/18 - present	Senior Research Associate, Department of Vertebrates, National Museum of Brazil, Federal University of Rio de Janeiro
8/10 - 8/18	Foreign Visiting Professor, Department of Vertebrates, National Museum of Brazil, Federal University of Rio de Janeiro
6/06 – 8/10	Assistant Professor, Department of Biological Sciences, Humboldt State University
5/05 – 6/06	Teaching Fellow, Department of Organismic & Evolutionary Biology, Harvard Univ.

**C. PUBLICATIONS (TEN SIGNIFICANT)**

- Jennings, W. B., Pianka, E. R., S. Donnellan, S. (2003). Systematics of lizards in the family Pygopodidae with implications for the diversification of Australian temperate biotas. *Systematic Biology* 52:757-780.
- Jennings, W. B. and S. V. Edwards. (2005). Speciation history of Australian grass finches (*Poephila*) inferred from thirty gene trees. *Evolution* 59:2033-2047.
- Edwards, S. V., Kingan, S. B., Calkins, J. D., Balakrishnan, C. N., Jennings, W. B., Swanson, W. J. and Sorenson, M. D. (2005). Speciation in birds: genes, geography and sexual selection. *Proceedings of the National Academy of Science (USA)* 102: 6550-6557.
- Edwards, S. V., Jennings, W. B., and Shedlock, A. M. (2005). Phylogenetics of modern birds in the era of genomics. *Proceeding of the Royal Society of London series B* 272: 979–992.
- Harmon, L. J., Losos, J. B., Davies, T. J., Gillespie, R. G., Gittleman, J. L., Jennings, W. B., Kozak, K.

H., McPeck, M. A., Moreno-Roark, F., Near, T. J., Purvis, A., Ricklefs, R. E., Schluter, D., Schulte II, J. A., Seehausen, O., Sidlauskas, B. L., Torres-Carvajal, O., Weir, J. T., Mooers, A. Ø. (2010). Early bursts of body size and shape evolution are rare in comparative data. *Evolution* 64:2385-96.

Reilly, S. B., Marks, S. B., and Jennings, W. B. (2012). Defining evolutionary boundaries across parapatric ecomorphs of Black Salamanders (*Aneides flavipunctatus*) with conservation implications. *Molecular Ecology* 21:5745–5761.

Gottscho, A. D., Marks, S. B., Jennings, W. B. (2014). Speciation, population structure, and demographic history of the Mojave Fringe-toed Lizard (*Uma scoparia*), a species of conservation concern. *Ecology and Evolution* doi: 10.1002/ece3.1111.

Jennings, W. B. (2016). *Phylogenomic Data Acquisition: Principles and Practice*. CRC Press/Taylor & Francis. (book)

Costa, I. R., Prosdocimi, F., Jennings, W. B. (2016). In silico phylogenomics using complete genomes: a case study on the evolution of hominoids. *Genome Research* 26:1257-1267.

Jennings, W. B. (2017). On the independent gene trees assumption in phylogenomic studies. *Molecular Ecology* doi: 10.1111/mec.14274.

#### **D. SYNERGISTIC ACTIVITIES**

2008-2010                      Chair, bioinformatics and biotechnology inter-departmental advisory group (Biological Sciences, Chemistry, Math, & Computer Science Departments), Humboldt State University.

2010-2011                      Co-founder, Molecular Laboratory of Biodiversity Research, Department of Vertebrates, National Museum of Brazil, Federal University of Rio de Janeiro.

**E. COLLABORATORS IN LAST 48 MONTHS:** Joseph Martinez, Paulo Buckup, Paulo Passos, Cecelia Gomes-Malanski, Paulo Melo-Sampaio, Francisco Prosdocimi, Igor Calcavanti, Gustavo Ferrero, Angele Martins, C. Quijada, P. Ruschi, Ana Teresa Dumans, Gabriela Teixeira, Gabriel Vieira, Deise Sarzi, Carolina Furtado.

GRADUATE (G) AND POSTGRADUATE (P) ADVISORS: Jonathan Campbell (G) University of Texas at Arlington, Eric Pianka (G) University of Texas at Austin, Scott Edwards (P) University of Washington and Harvard University.

MASTERS THESIS ADVISOR (M), PHD ADVISOR (P), POSTDOC ADVISOR (PA) FOR: Andrew Gottscho (M), Sean Reilly (M), Piero Ruschi (P), Carla Quijada (P), Igor Costa (M), Cecilia Gomes-Malanski (PA). Total graduate students advised: 5; Total postdoctoral fellows: 1.