Michael J. Landis

EDUCATION

Integrative Biology, PhD
Computational Biology, Designated Emphasis
University of California, Berkeley
Expect to graduate Spring 2015

Computer Science, BS
California State University of Long Beach
Graduated Winter 2004

RESEARCH EXPERIENCE

Graduate Student Researcher, 07/2009 – present
Huelsenbeck Lab, *UC Berkeley, CA*

Research Assistant, 02/2009 – 06/2010
Dean Lab, *Children's Hospital of Oakland, CA*

PUBLICATIONS
(* – first co-author)

Landis, M. J., Matzke, N. J., Moore, B. R., and Huelsenbeck, J. P. *Advanced Access.* Bayesian Analysis of Biogeography when the Number of Areas is Large. *Syst. Biol.*

Landis, M. J.*, Schraiber, J. G.*, and Liang, M. 2013. Phylogenetic Analysis Using Lévy Processes: Finding Jumps in the Evolution of Continuous Traits. *Syst Biol. 62(2):193-204.*

Landis, M. J. and Bedford, T. Phylowood: Interactive Web-based Animations of Biogeographic and Phylogeographic Histories. *Submitted: July 2013.*

FELLOWSHIPS & AWARDS

NESCent Graduate Fellowship, Fall 2013
Google Summer of Code (NESCent-sponsored), Summer 2012

MENTORSHIP

Jaya Narasimhan (CompSci undergraduate), Fall 2012 – present.

TEACHING EXPERIENCE

Graduate Student Instructor
IB164: Human Genetics and Genomics, Fall 2011, *UC Berkeley, CA*
    Topics: *Human genome variation and population genetics.*

IB200A: Principles of Phylogenetics, Spring 2012, *UC Berkeley, CA*
    Topics: *Theory and methods for phylogenetic inference.*

PROFESSIONAL EXPERIENCE

Systems Engineer, 07/2005 - 09/2008
Varsity Technologies, *San Francisco, CA*

SKILLS

C++, Python, R, Javascript, RevBayes.

SERVICE

Graduate Student Association, 09/2012 – 06/2013
Co-chair, Integrative Biology, *UC Berkeley, CA*

OUTREACH

826 Valencia, 06/2009 – 01/2011
K-12 Tutor, *San Francisco, CA*