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Education:

University of California, Berkeley, California, Ph.D. in Integrative Biology (2000).
University of California, San Diego, California, B.A. in Animal Physiology (1985).

Teaching Experience:

Instructor,
Biology 11 (General Biology), UC Berkeley (Spring 2006).

Graduate Student Instructor,
IB 200 (Phylogenetics), UC Berkeley, Spring (1998).
Biology 1B (General Biology), UC Berkeley (1993- 1996).

Graduate Student Mentor, Molecular Phylogenetics Laboratory. UC Museum of
Paleontology. (1995-2000).

Research Experience:

Professional-

Curator and Head of Comparative Genomics, California Academy of Sciences. San
Francisco, California.

Postdoctoral Studies –

Visiting Postdoctoral Researcher, UC Berkeley and Joint Genome Institute, Walnut
Creek, CA (June 2001-2005). Gastropod Mitochondrial Genome Project.
Mitochondrial genome sequencing of exemplar taxa of the major clades of
gastropods using long PCR, rolling circle amplification, and shotgun sequencing.

Post Doctoral Fellow, Australian Museum, Sydney Australia (2001). Investigation of the
phylogenetic content of molecular morphology (2° and 3° structure of ribosomes).

Graduate Studies –

System Administrator, database development and implementation, Webdesign (HTML,
Javascript, Perl, “HEITML”), UC Museum of Paleontology (1993-2000).

Graduate Student, UC Berkeley. DNA extraction, amplification, and sequencing.
Investigation of phylogenetic methods for molecular data sets. Development of
new methods for the analysis of phylogeography (1993-2000).

Research Assistant, Neurophysiology Department, UC Davis, California. Sodium channel
participation in the gustatory response of rats (1985-1986).

Industry –

Production Manager, HTI Bio-products, Ramona California, Optimization of specific polyclonal antibody production and optimization of antigen and antibody detection (1990-1992).

Immunochemist, Calbiochem, La Jolla, California, Polyclonal antibody production and purification (1987-1990).

Awards:

Best Student Presentation, *Molecular Phylogeography of the Eastern Pacific and Caribbean Patellogastropoda*, 65th Annual Meeting of the American Malacological Society Pittsburgh, Pennsylvania, U.S.A. (4-9 July 1999).

UC Museum of Paleontology D.K. Palmer Prize (1999).

Funding:

UC Museum of Paleontology Graduate Student Research Awards (1995, 1996, 1997, and 1998).

Integrative Biology Summer Research Award (1997).

Hawaiian Malacological Society Scholarship Grant (July 1995).

Graduate Opportunity Fellow, University of California, Berkeley (1993-1995).