

EMMA E. GOLDBERG

eeg@umd.edu
www.biology.ucsd.edu/~goldberg

Current Positions

UNIVERSITY OF MARYLAND AT COLLEGE PARK Postdoctoral researcher	2007 –
UNIVERSITY OF ILLINOIS AT CHICAGO Postdoctoral researcher	2008 –

Education

UNIVERSITY OF CALIFORNIA, SAN DIEGO Ph.D., Division of Biological Sciences	2002 – 2007
UNIVERSITY OF CALIFORNIA, BERKELEY graduate courses in physics and biology	2000 – 2002
CALIFORNIA INSTITUTE OF TECHNOLOGY Bachelor of Science with honors, in physics	1995 – 1999

Financial Awards

AMERICAN SOCIETY OF NATURALISTS support for travel to annual meeting	2006
NSF GRADUATE RESEARCH FELLOWSHIP support for graduate work (tuition and stipend)	2003 – 2006
DEPT. OF EDUCATION FELLOWSHIP support for graduate work (tuition and stipend)	2000 – 2001
D.M. KOTHARI PRIZE award for undergraduate research	1999
CALTECH MERIT SCHOLARSHIP support for undergraduate work (tuition)	1998 – 1999

Teaching Experience

TEACHING ASSISTANT, UC SAN DIEGO biometry, introductory ecology, quantitative ecology	2004 – 2005
GRADUATE STUDENT ASSISTANT, UC BERKELEY introductory thermodynamics and electricity & magnetism	2000 – 2002
UNDERGRADUATE TEACHING ASSISTANT, CALTECH physics laboratories	1998 – 1999

Professional Activities

PEER REVIEWER The American Naturalist, Evolution, PNAS, Proceedings B, Systematic Biology	
UNIVERSITY OF VIRGINIA, DEPARTMENT OF BIOLOGY EEBio seminar	2008
SILWOOD PARK, IMPERIAL COLLEGE, LONDON invited participant in “Evolution, Ecology and Spatial Biology Workshop”	2008
UC DAVIS WORKSHOP IN APPLIED PHYLOGENETICS workshop participant	2007
SOCIETY FOR THE STUDY OF EVOLUTION / AMERICAN SOCIETY OF NATURALISTS / SOCIETY OF SYSTEMATIC BIOLOGISTS meeting talk	2006
OKAZAKI BIOLOGY CONFERENCE invited meeting talk at “The Biology of Extinction 2”	2006
NATIONAL CENTER FOR ECOLOGICAL ANALYSIS AND SYNTHESIS working group member of “Conservation priorities: can we have our biodiversity and ecosystem services too?”	2006
CALIFORNIA POPULATION AND EVOLUTIONARY GENETICS meeting talk	2004
SOUTHWESTERN ASSOCIATION OF BIOLOGISTS meeting talk	2004

Publications

- Goldberg, E.E., H.J. Lynch, M.G. Neubert, and W.F. Fagan. (in press). Effects of branching spatial structure and life history on the asymptotic growth rate of a population. *Theoretical Ecology*.
- Goldberg, E.E. and B. Iqic. 2008. On phylogenetic tests of irreversible evolution. *Evolution* 62:2727–2741.
- Goldberg, E.E. and R. Lande. 2007. Species’ borders and dispersal barriers. *The American Naturalist* 170:297–304.
- Roy, K. and E.E. Goldberg. 2007. Origination, extinction and dispersal: integrative models for understanding present-day diversity gradients. *The American Naturalist* 170:S71–S85.
- Goldberg, E.E. and R. Lande. 2006. Ecological and reproductive character displacement on an environmental gradient. *Evolution* 60:1344–1357.
- Goldberg, E.E., K. Roy, R. Lande, and D. Jablonski. 2005. Diversity, endemism, and age distributions in macroevolutionary sources and sinks. *The American Naturalist* 165:623–633.