

Emily Elizabeth Curd

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Objective

To work for a well respected research group that can benefit from my education and work experience in evolutionary, molecular and microbiology.

Education

B.S., 2003, Evolution and Ecology, Minor in Art Studio, University of California, Davis
M.S., 2007, Organismic and Evolutionary Biology, University of Massachusetts, Amherst

Skills

Computer: Proficient in Microsoft Office, bioinformatics software, sequence analysis software, online bioinformatics databases, and OSX, Windows, and Unix operating systems. Basic at programming in Perl.

Laboratory: Proficient in DNA isolation and quantification, PCR, gel electrophoresis, acrylamide silver gels, DNA sequencing, sterile technique, bacterial transformation, and antibiotic susceptibility testing.

Organismal: Proficient in colonial cnidarian, primate, large mammal, microbial, and insect colony maintenance.

Experience

2005-2006 Teaching Assistant at the University of Massachusetts Amherst
2004-2006 Research Assistance in Dr. Peg Riley's lab at the University of Massachusetts, Amherst
2003 Salary position at UC Irvine, as a lab manager for Dr. Neil Tsutsui
2003 Paid position by Roche, testing a prototype Omni S whole blood analyzer, at the UC Davis School of Medicine.
2001-2003 Internship in the Dr Richard Grosberg Lab at UC Davis.
2002-2003 Internship in the Dr. Gerald J Kost Lab in the Point-of-Care Testing Center for Teaching and Medical Research at the UC Davis School of Medicine.
2002 Studied marine biology and terrestrial ecology at the University of Queensland, Brisbane.

Publications

Emily E. Curd, Caroline A. Obert, David M. Gordon, and Margaret A. Riley, *Wild Mammals Harbor Bacteria with a Diversity of Novel and Known Antibiotic Resistance Genes; A Resistance Gene Reservoir in the Wild?* In Preparation
Gerald J. Kost, Zuping Tang, Nam K. Tran, Emily E Curd, Richard F Louie, Timothy E. Albertson, and Robert W Derlet, *Economic Implications of Optimal Diagnosis and Treatment of Sepsis*, The Scandinavian Journal of Clinical and Laboratory Investigation 2003;63 (Supplement 239): 15-26

Reviewed Articles for

The Journal of Molecular Evolution

Extra curricular activities

Rock Climbing, Equestrian Sports, Scuba Diving, Painting, Snowboarding, Mountain Biking, Ultimate Frisbee, Gardening, and World travel

References Available Upon Request