

KELLY A. LIEBMAN

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Current Address:

1 Shields Ave
Department of Entomology
Davis, California 95616

EDUCATION

University of California, Davis, Davis, CA

Department of Entomology
PhD candidate, expected 2012
Laboratory of Thomas W. Scott, PhD

Yale University, New Haven, CT

School of Public Health
Master's of Public Health, Epidemiology of Microbial Diseases, 2007

University of Michigan, Ann Arbor, Michigan

Bachelor of Science, Biology, 2005

WORK EXPERIENCE

Yale University, New Haven, Connecticut

11/05-6/07

Laboratory Assistant, Laboratory of Durland Fish, PhD

- Coordinate and manage summer field collection for large scale CDC Lyme Disease Risk Map study
- Identify tick specimens collected in the field

Museum of Zoology, Ann Arbor, Michigan

05/04 – 05/05

Laboratory Assistant, Laboratory of Barry M. OConnor, PhD

- Organized and mounted specimens on slides for inventory, utilizing proper laboratory procedures to ensure that the quality of the specimen was not compromised.
- Drew and described an as yet unnamed species of *Neotetracopis* n. sp.
- Tentative manuscript title for description of new species: "A new species of *Neotetracopus* (Acari: Glycyphagidae) from the Philippine gymnure, *Podogymnura truei* (Lipotyphla: Erinaceidae)."

CURRENT RESEARCH

PhD research, Iquitos, Peru

09/09 – present

Graduate Student Researcher, Laboratory of Thomas W. Scott, PhD

- Interview participants (n≈280) on bimonthly basis
- Collect and process mosquitoes and cheek swab samples for identification of blood meal
- Extract and conduct microsatellite analyses on DNA obtained from blood meals and cheek swab samples

AWARDS and FELLOWSHIPS

Bill Hazeltine Student Research Award, University of California Davis, Dept of Entomology, 2009

Bill Hazeltine Student Research Award, University of California Davis, Dept of Entomology, 2011

T32 Training Grant in Biology of Disease Vectors, National Institutes of Health training grant, 2010 – 2012

LANGUAGES AND FOREIGN EXPERIENCE

English, native

Spanish, intermediate conversational and technical
Peru: 18 months (Fall 2009 – Spring 2011)

PUBLICATIONS

3. **Liebman, K. A.**, Stoddard, S.T, Morrison, A.C., Rocha, C., Minnick, S., Sihuincha, M., Russell, K., Olson, J.G., Blair, P.J., Watts, D.M., Kochel, T., Scott, T.W. *Spatial dimensions of dengue virus transmission across interepidemic and epidemic periods in Iquitos, Peru (1999 – 2003)*.

PLoS Neglected and Tropical Diseases **in review**

2. Lambrechts, L., Knox, T.B., Wong, J., **Liebman, K.A.**, Albright, R. G., Stoddard, S.T. *Shifting priorities in vector biology to improve control of vector-borne disease*. Tropical Medicine and International Health **14**(12)

1. Gatewood, A.G., **Liebman, K.A.**, Vourc'h, G., Bunikis, J., Hamer, S.A., Cortinas, R., Melton, F., Cislo, P., Kitron, U., Tsao, J., Barbour, A.G., Fish, D., Diuk-Wasser, M.A. 2009. *Climate and Tick Seasonality Are Predictors of Borrelia burgdorferi Genotype Distribution*. Applied and Environmental Microbiology **75**(8)

POSTERS AT PROFESSIONAL CONFERENCES

2. **Liebman, K.A.**, Stoddard, S.T., Forshey, B.M., Morrison, A.C., Kochel, T., Scott, T.W. Local spatiotemporal patterns of dengue virus transmission in Iquitos, Peru. Poster at 58th Annual American Society of Tropical Medicine and Hygiene Conference, November 2009. Washington, DC.

1. **Liebman, K.A.**, Gatewood, A.G., Vourc'h, G., Bunikis, J., Hamer, S.A., Cortinas, R., Melton, F., Cislo, P., Kitron, U., Tsao, J., Barbour, A.G., Fish, D., Diuk-Wasser, M.A. Is Climate The Key To More Lyme Disease In The Northeast Vs The Midwest?. Poster at 1st Annual Epidemics Conference. December 2008. Asilomar, CA.

COURSES/LECTURES

1. *Capacitación en el Manejo del Analizador Genético: Teoría y Práctica* Universidad Nacional del Amazonia de Peru (UNAP); February 8, 2011

REFERENCES

- Thomas W. Scott, PhD (twscott@ucdavis.edu)
- Amy Morrison, PhD (amy.aegypti@gmail.com)
- Maria Diuk-Wasser, PhD (maria.diuk@yale.edu)