**Emily Hagan, MPH, CPH**

EcoHealth Alliance [hagan@EcoHealthAlliance.org](mailto:eah2169@columbia.edu)

460 West 34th Street 212-380-4491

New York NY 10001

**Education**

Columbia University – Masters of Public Health, Epidemiology – 2013

Boston University – School of Public Health – 2011

Northeastern University – College of Professional Studies -– 2009

Hiram College – B.A. Biology and B.A. Biomedical Sciences and Humanities – 2008

**Professional Experience**

**EcoHealth Alliance** – New York, NY

*Research Coordinator* 4/2015 - present

Facilitate coordination with the PREDICT II Behavioral Risk team

Provide support and training to local country teams during implementation and analysis of behavioral and qualitative protocols

Developing partner wide research protocols, guides, and training materials to be implemented across PREDICT II countries

Prepare and follow through with in country IRB and ethical review board approvals for qualitative research and concurrent biological sampling

*Research Assistant and Administrative Assistant*11/2013 - 4/2015

Contributed to analytical and administrative support for senior science staff investigating the dynamics and spread of pathogens in wildlife, humans, and domestic animals.

Maintained the EHA GAINS database for the PREDICT USAID project

Supporting research focused on Avian Influenza in Bangladesh and China

Coordinated and administrator of interoffice weekly Science Meeting and facilitate post meeting collaborations and discussions

Review editor for the EcoHealth Journal

**Beth Israel Deaconess Medical Center & Harvard Medical School** – Boston, MA

*Research Assistant III and Team Manager* **–** Dept. of Viral Pathology 9/2008–7/2012

Trained new technicians and postdoctoral fellows on SOPs, protocols, and equipment

Maintained regulatory records and IUCAC documents for studies

Analyzed, interpreted and presented data and results in meetings with supervisors and collaborators

Managed and organized daily aspects of the lab, including ordering, shipping, and coordinating experimental schedules

Examined influence of FCγ-Receptor polymorphisms on antibody-­‐mediated lymphocyte depletion

Explored the comparison of Simian Immunodeficiency Virus infection in natural and non-­‐natural host

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**University of Akron, Polymer Department** – Akron, OH

*NSF Research Intern* – Research Experience for Undergraduate 5/2007–8/2007

Examined the relationship between temperature, humidity, and surface of adhesion in two species of geckos

Applied results from animal studies of natural adhesive to synthetic materials with the goal of mimicking adhesion with carbon polymers

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**Hiram College, Organic Chemistry Department** – Hiram, OH

*Teaching Assistant* **–** Professors Fried and Shreiner 8/2007–5/2008

Prepared and taught the weekly experimental laboratory. Evaluated and graded lab books, assignments, and quizzes**.** Monitored students’ techniques and assisted in proper use of lab equipment**.** Provided tutoring for class and lab content and held extra lab hours

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**Hiram College, Cellular and Molecular Lab** – Hiram, OH

*Researcher* **–** Hiram Genomic Initiative Laboratory5/2006 – 11/2007

Determined the metabolic role of enzymes for a soil bacterium and plant pathogen, investigated the relationship of pH and virulence through gene disruptions and mutant screens

**Publications & Presentations**

Behavioral Research Contributions to Emerging Zoonotic Infectious Disease Surveillance. M Miller, **E Hagan**, E Loh, K Saylors, D. Wolking, C Monagin, CK Johnson, J Ida, K Whiting, T Allen, A Chmura, P Daszak. (In preparation)

Mazet, JAK, Wei, Q, Zhao, G, Cummings, D, Desmond, JA, Rosenthal, J, King, CH, Cao, Wuchun, Chmura, A, **Hagan, EA** Zhang, S, Xiao, X, Xu, JA, Zhengli, S, Liu, X, Pan, W, Zhu, GA, Zuo, L, Daszak, P. EcoHealth. *Joint China–US Call for an Interdisciplinary Approach to Emerging Infectious Diseases* (*Under review*)

Schmitz JE, Ma ZM, **Hagan EA**, Wilks AB, Furr KL, Linde CH, Zahn RC, Brenchley JM, Miller CJ, and Permar SR *J. Virol. October 2012; 86(20):11380-­‐5 Memory CD4+ T lymphocytes in the gastrointestinal tract are a major reservoir of simian immunodeficiency virus in chronic nonpathogenic infection of African green monkeys*

Niewiarowski PH, Lopez S, Ge L, **Hagan E**, Dhinojwala A (2008) *Sticky Gecko Feet:* *The Role of Temperature and Humidity*. PLoS ONE 3(5): e2192 doi:10.1371/journal.pone.0002192

**Hagan, E**. “Boundaries of Gecko Adhesion.” 4th annual Northeast Ohio Undergraduate Research Conference. Symposium conducted at the Ohio Aerospace Institute and NASA Glenn Research Center, Cleveland, OH. August 2007

## Certifications and Associations

Certified in Public Health

Columbia University Alumni Association

HIPAA and CITI Human Subjects Protection

Biological and hazardous goods shipping