

Education

- 2015 -** Biology PhD student. Riffell Lab, University of Washington Department of Biology. Advanced Data Science Degree Program.
- 2010 - 2014** B.S. Cellular, Molecular, & Developmental Biology with Departmental Honors. Chemistry Minor. University of Washington
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Grants & Awards

Science

- 2017** UW GSFEI Graduate Student Travel Award
2017 SICB Conference Charlotte Mangum Award
2016 UW Biology Robin Mariko Harris Award
2016 Harvard ComSciCon Travel Award
2015 NSF Graduate Research Fellowship
2015 Natural Sciences Dean's Scholarship
2013 NASA Space Grant SURP
2012 SICB Conference Charlotte Mangum Award
2012 UW Undergraduate Conference Travel Award
2011 Mary Gates Research Scholarship
2010 Robert C. Byrd Honors Scholarship
2010 Mary Gates Honors Endowment

Outreach & Science Communication

- 2017** AOI World Illustration Awards shortlist, Research
2017 NSF Vizzies Science Visualization Competition
2015 NSV Vizzies Science Visualization Competition, invited judge
2015 Gold Medal, Kantar Information is Beautiful Awards
2015 Malofiej World Infographics Conference, invited speaker
2015 Silver Medal, Malofiej World Infographics Competition
2012 Mary Gates Leadership Scholarship
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Publications

Lutz EK, Lahondère C, Vinauger C, Riffell JA. Olfactory learning and chemical ecology of olfaction in disease vector mosquitoes: A life history perspective. *Current Opinion in Insect Science*. 2017 Apr 27.

Vinauger C, **Lutz EK**, Riffell JA. Olfactory learning and memory in the disease vector mosquito *Aedes aegypti*. *Journal of Experimental Biology*. 2014 Jul 1;217(13):2321-30.

Presentations

Lutz EK, Vinauger C, Riffell JA. Olfactory learning in *Aedes aegypti* mosquito larvae. SICB Conference, New Orleans 2017

Lutz EK, Stephens J, Riffell JA, and Parrish JZ. Olfactory learning in adult and larvae *Aedes aegypti* mosquitoes. Undergraduate Research Symposium, UW 2013

Lutz EK and Riffell JA. Visual and olfactory learning in *Anopheles stephensi* and *Aedes aegypti* mosquitoes. SICB Conference, San Francisco 2013

Lutz EK and Riffell JA. Classical conditioning and olfactory stimulation in mosquitoes. Undergraduate Research Symposium, UW 2012

Outreach & Science Communication

2016 - Organizing Committee Member, ComSciCon-PNW. A science communication workshop for graduate students, by graduate students. Raised \$9500 to run a no-fee 2-day conference.

2014 - 2015 Full time science designer. Clients include National Geographic, Scientific American, and the Gates Foundation. Featured in Wired, The Washington Post, Fast Company, and three books.