

## **Biographical Sketch – Elizabeth Slikas, Ph.D.**

Research Scientist/Engineer II (2019 – present)

Genetics and Genomics Group

University of Washington Joint Institute for the Study of the Atmosphere and Ocean (JISAO) &  
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## **Professional Preparation**

University of Pennsylvania, *magna cum laude*, Physics, B.S. 1984

University of Pennsylvania, Ecology and Evolutionary Biology, Ph.D. 1996

## **Appointments**

Research Scientist/Engineer II, University of Washington JISAO & NOAA PMEL	2019 – present
Research Associate, Oregon National Primate Research Center, OHSU	2016 – 2019
Research Scientist, Marine Biological Laboratory	2012 – 2016
Research Associate, Hatfield Marine Science Center, Oregon State University	2010 – 2012
Research Scientist, Blood Systems Research Center	2006 – 2010
Laboratory Manager/Research Scientist, University of California, Berkeley	2001 – 2006

## **Products: 5 Most Relevant Papers (of 34 published)**

- 1) Amaral-Zettler LA, NB Dragone, J Schell, **B Slikas**, LG Murphy, CE Morrall, ER Zettler. **2016**. Comparative mitochondrial and chloroplast genomics of a genetically distinct form of *Sargassum* contributing to recent "Golden Tides" in the Western Atlantic. *Ecol Evol* 7:516–525. doi:10.1002/ece3.2630
- 2) Delwart E, **E Slikas**, SL Stramer, H Kamel, D Kessler, D Kryzstof, LH Tobler, DM Carrick, W Steele, D Todd, DJ Wright, SH Kleinman, MP Busch for the NHLBI-REDS-II Study Group. **2012**. Genetic diversity of recently acquired and prevalent HIV, hepatitis B virus, and hepatitis C virus infections in US blood donors. *Journal of Infectious Diseases* 205:875–885. doi:10.1093/infdis/jir862
- 3) Kapoor A, **E Slikas**, P Simmonds, T Chieochansin, A Naeem, S Shaikat, MM Alam, S Sharif, M Angez, S Zaidi, E Delwart. **2009**. A newly identified bocavirus species in human stool. *Journal of Infectious Diseases* 199:196–200. doi:10.1086/595831
- 4) Moyle RG, **B Slikas**, LA Whittingham, DW Winkler, FH Sheldon. **2008**. DNA sequence assessment of phylogenetic relationships among New World martins (Hirundinidae: *Progne*). *The Wilson Journal of Ornithology* 120:683–691.
- 5) Fleischer RC, **B Slikas**, J Beadell, C Atkins, CE McIntosh, S Conant. **2007**. Genetic variability and taxonomic status of the Nihoa and Laysan Millerbirds. *The Condor* 109:954–962. doi:10.1093/condor/109.4.954

## **Five Other Related Papers**

- 6) Delwart E, B Slikas, SL Stramer, H Kamel, D Kessler, D Kryzstof, LH Tobler, DM Carrick, DJ Wright, MP Busch. **2011**. Genetic diversity of recently acquired and prevalent HIV, HBV, and HCV infections in US blood donors. *Transfusion* 51:207A–207A.
- 7) **Slikas B**. **2003**. Hawaiian birds: Lessons from a rediscovered avifauna. *The Auk* 120:953–960.
- 8) **Slikas B**, SL Olson, RC Fleischer. **2002**. Rapid, independent evolution of flightlessness in four species of Pacific Island rails (Rallidae): an analysis based on mitochondrial sequence data. *Journal of Avian Biology* 33:5–14. doi:10.1034/j.1600-048X.2002.330103.x

- 9) Whittingham LA, **B Slikas**, DW Winkler, FH Sheldon. **2002**. Phylogeny of the tree swallow genus, *Tachycineta* (Aves: Hirundinidae), by Bayesian analysis of mitochondrial DNA sequences. *Molecular Phylogenetics and Evolution* 22:430–441. doi:10.1006/mpev.2001.1073
- 10) Cibois A, **B Slikas**, TS Schulenberg, E Pasquet. **2001**. An endemic radiation of Malagasy songbirds is revealed by mitochondrial DNA sequence data. *Evolution* 55:1198–1206. doi:10.1111/j.0014-3820.2001.tb00639.x

### **Synergistic Activities, Grants, and Awards**

- Reviewed research award proposals for the Ornithological Societies of North America (annually, **2002-current**)
- Taught after-school and summer science classes for elementary/middle-school children through Saturday Academy, Portland, OR (**2018**)
- Interpretive volunteer at Oregon Zoo, Hoyt Arboretum, Tryon Creek State Natural Area, Seattle Aquarium, Woodland Park Zoo (**2016-current**)