

Biographical Sketch – Christopher Paight, Ph.D.

National Research Council (NRC) Postdoctoral Fellow (2019 – present)

Genetics and Genomics Group

NOAA Pacific Marine Environmental Laboratory (PMEL), Seattle, WA 98115

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Professional Preparation

University of California San Diego, Evolution, Ecology, and Behavior, B.S. 2009

University of Louisiana Monroe, Biology, M.S. 2012

University of Rhode Island, Evolution and Marine Biology, Ph.D. 2018

Appointments

NRC Postdoctoral Fellow in Oceanographic Genomics, NOAA PMEL	2019 – present
Graduate Teaching Assistant, University of Rhode Island	2012 – 2019
Laboratory Assistant III, University of California San Diego	2012
Field Assistant, University of Nevada Reno	2010 – 2011
Laboratory Assistant II, University of California San Diego	2009 – 2010

Products: 5 Most Relevant Papers

- 1) Stepien CA, JE Keister, **C Paight**, E Slikas, EL Norton. **In prep.** Species composition and diversity patterns across the Salish Sea: Multiple targeted metabarcoding analyses of zooplankton and eDNA in relation to chemical conditions.
- 2) Muñoz-Gómez SA, K Durnin, L Eme, **C Paight**, CE Lane, MB Saffo, CH Slamovits. **2019.** *Nephromyces* represents a diverse and novel lineage of the Apicomplexa that has retained apicoplasts. *Genome Biol. Evol.* 11:2727–2740. doi: 10.1093/gbe/evz155
- 3) **Paight C**, C Slamovitis, M Saffo, C Lane. **2019.** *Nephromyces* encodes a urate metabolism pathway and predicted peroxisomes, demonstrating these are not ancient losses of apicomplexans. *Genome Biol. Evol.* 11:41–53. doi:10.1093/gbe/evy251
- 4) Minton R, B McGregor, D Hayes, **C Paight**, K Inoue. **2017.** Genetic structuring in the Pyramid *Elimia*, *Elimia potosiensis* (Gastropoda, Pleuroceridae), with implications for pleurocerid conservation. *Zoosystematics and Evolution* 93:437–449. doi:10.3897/zse.93.14856
- 5) Birk, MA, **C. Paight**, BA Seibel. **2016.** Observations of multiple pelagic egg masses from small-sized jumbo squid (*Dosidicus gigas*) in the Gulf of California. *Journal of Natural History* 51:2569–2584. doi:10.1080/00222933.2016.1209248

Other Related Papers or Products

- 6) Matzkin LM, S Johnson, **C Paight**, TA Markow. **2013.** Pre-adult parental diet affects offspring development and metabolism in *Drosophila melanogaster*. *PLOS ONE* 8:e59530. doi:10.1371/journal.pone.0059530
- 7) Matzkin LM, S Johnson, **C Paight**, G Bozinovic, TA Markow. **2011.** Dietary protein and sugar differentially affect development and metabolic pools in ecologically diverse *Drosophila*. *Journal of Nutrition* 141:1127–1133. doi:10.3945/jn.111.138438

Synergistic Activities & Awards:

- 2019 Outreach for NOAA Science Week
- 2019 Science outreach for educators with Explore the Salish Sea (seadocsociety.org)