

Eamon M Winden

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Laboratory of Molecular and Computational Genetics
Thesis Advisor: David C Schwartz

EDUCATION

- University of California, Santa Barbara
 - Bachelor of Arts, Biology 2015
 - Minor, Science and Math Education 2015
- University of Wisconsin-Madison
 - Master of Science, Genetics 2018
 - Graduate Researcher

AWARDS, GRANTS, FELLOWSHIPS

- Predoctoral Training Program in Genetics 2015-2016
2018-2019
- Genomic Sciences Training Program 2016-2018
- Summer Undergraduate Research Fellowship 2014
- Undergraduate Research and Creative Activities Grant 2014

RESEARCH EXPERIENCE

- University of Wisconsin-Madison, David C Schwartz 2015-2019
Graduate student studying how to compose and construct large DNA molecules
- University of California, Santa Barbara, Thomas Turner 2012-2015
Assisted in evolutionary genomics project and developed novel technology for studying temperature preference in drosophila
- Rigel Pharmaceuticals, South San Francisco 2012
Assisted in developing projects to study drugs being developed and assay muscle growth and dysfunction
- University of California, Los Angeles 2010
Assisted in study of epilepsy in relation to brain and heart function

PEER-REVIEWED RESEARCH PAPERS

Kheiri, Farshad. Bragin, Anatol. Engel, Jerome. Almajano, Joel. Winden, Eamon. "Non-linear classification of heart rate parameters as a biomarker for epileptogenesis." *Epilepsy research* 100.1 (2012): 59-66.

RESEARCH PRESENTATIONS

- Undergraduate Research and Creative Activities Meeting 2014
Temperature Preference Variation Between Drosophila Species
- College of Creative Studies Meeting 2015

Temperature Preference Variation Between Drosophila Species

- Poster, Biology of Genomes Conference at CSHL 2017
- Poster, NHGRI Research Training and Career Development Meeting 2018, 2020
- Poster, Biology of Genomes Conference at CSHL 2018, 2020

RELEVANT TEACHING EXPERIENCE

- Scitrek at University of California, Santa Barbara 2014-2015
Educator teaching science through experimentation to 4th and 5th graders at a variety of elementary schools
- Graduate Teaching Assistant at University of Wisconsin-Madison 2017
Teaching assistant for genetics core course for undergraduates in genetics