



Allie Burns

DOCTORAL ASSISTANT

Brain Mind Institute, École polytechnique fédérale de Lausanne, Lausanne, Switzerland

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Personal Profile

A doctoral student using both bioinformatic analysis and molecular techniques in order to learn more about the epigenetic mechanisms of memory formation. Webmaster for the Association of Doctoral Students in Life Sciences at EPFL. Established an internal mentoring system to help ease the transition of new students into their PhD and life in Lausanne.

Education

École Polytechnique Fédérale de Lausanne

DOCTORAL ASSISTANT, NEUROSCIENCE

2016 - NA

University of Oregon

MASTER OF SCIENCE, BIOINFORMATICS

2012 - 2013

University of Oregon

BACHELOR OF SCIENCE, BIOLOGY

2008 - 2012

Experience

École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland

DOCTORAL ASSISTANT

Advisor: Johannes Gräff

2016 - curr.

- Project: Testing the theory of Epigenetic Priming in Fear Memory Conditioning

Stowers Institute for Medical Research, Kansas City, Missouri, USA

BIOINFORMATICIAN/RESEARCH TECHNICIAN

Advisor: Peter Baumann

2013 - 2016

- Project: Effects of the splicing inhibitor, Isoginkgetin, on human Telomerase RNA

University of Oregon, Eugene, Oregon, USA

UNDERGRADUATE RESEARCHER

Advisors: William E. Bradshaw and

Christina M. Holzapfel

2010 - 2012

- Project: Evolutionary genetics of geographical variation, seasonal development and circadian timing in the North American mosquito species, *Wyeomyia smithii*

Publications

CK Tseng, HF Wang, AM Burns, MR Schroeder, M Gaspari, P Baumann

HUMAN TELOMERASE RNA PROCESSING AND QUALITY CONTROL

Cell reports

2015

BA Silva, AM Burns, J Gräff

A CFOS ACTIVATION MAP OF REMOTE FEAR MEMORY ATTENUATION

Psychopharmacology

2019

Skills and Techniques

École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland

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- Project: Testing the theory of Epigenetic Priming in Fear Memory Conditioning

Advisor: Johannes Gräff

2016 - curr.

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