

Portfolio



Brandonrobertsphd.com



South Hadley, MA



XXX-XXX-XXXX



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SKILLS

Research

Statistical Analysis

Python

Adobe Suite

Writing

MS Office

SQL

Presentation

Web Design

Brandon Roberts, Ph.D.

SUMMARY

I am a neural electrophysiologist with over fifteen years' experience collecting, analyzing, presenting, and publishing complex datasets. For a detailed look at my work, you can visit brandonrobertsphd.com or scan my QR code!

EXPERIENCE

Postdoctoral Fellow

March 2020 – Present

University of Massachusetts

Amherst, MA

- Senior neural electrophysiologist that designed our recording facility
- Managed project design, data collection, analysis, and visualization
- Wrote manuscripts, grant proposals, protocols, and abstracts
- Trained personnel on advanced scientific techniques and instruments

Postdoctoral Fellow

March 2015 – March 2020

Oregon Health & Science University

Beaverton, OR

- Published multiple manuscripts on the neurophysiology of obesity
- Discovered how early life overnutrition impacts synaptic development
- Presented work at numerous international conferences

Novo Nordisk (*academic partnership*)

- Identified therapeutic targets by analyzing non-human primate genomic and proteomic data
- Performed patent and clinical trial searches, as well as safety reports
- Validated targets with pharmacology and physiology techniques

Instructor

July 2016 – August 2019

Saturday Academy

Portland, OR

- Engaged STEM high school students by developing one-day, multi-day and weeklong courses on the biology, anatomy, physiology and behavior of emotional systems, metabolic function, and nutrition.

Research Assistant

August 2007 – February 2015

Washington State University

Pullman, WA

- Implemented metabolic testing, behavioral paradigms, DEXA scanning, stereotaxic surgery, immunohistochemistry, and PCR to study food intake and neural function, which led to publication and new grant aims.

EDUCATION

Washington State University

Pullman, WA

Ph.D., Neuroscience

February 2015

B.S., Neuroscience

August 2009

REFERENCES

[Available upon request.]