

Patrick Sadil

Curriculum Vitae

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<https://github.com/psadil>

Education

2010–2014 **BA in Biology**, *Reed College*, Portland, OR.

2015–Present **Graduate Studies in Cognitive Psychology**, *University of Massachusetts, Amherst*, Amherst, MA.

Research Experience

- Oct 2011–May 2014 **Research Assistant**, *Hackenberg Lab*, Reed College.
Helped run the Behavioral Economics experiments on pigeons and rats in the lab of Professor Timothy Hackenberg.
- May 2013–Aug 2013 **SURF (Summer Undergraduate Research Fellowship)**, *Zornik Lab*, Reed College.
Ten week position to work in the lab of Assistant Professor Erik Zornik – used to set up and perform immunohistochemistry protocols such as tract tracing and Golgi Staining.
- Aug 2013–May 2014 **Thesis**, *Zornik Lab*, Reed College.
Electrophysiology work under Dr. Erik Zornik attempting to characterizing serotonin's role in generating rhythmic, vocal behavior in *X. laevis*.
- Aug 2014–Aug 2015 **Lab Manager**, *Cowell Lab*, University of Massachusetts, Amherst.
Coordinated undergraduate Research Assistants, designed and implimented behavioral experiments, initiated a lab journal club, analyzed data, and helped program two fMRI experiments.

Grants and Fellowships

- SURF (Summer Undergraduate Research Fellowship, Reed College)
 - May, 2014 Amount: \$5500
 - Stipend and funding for summer research
- BURP (Biology Undergraduate Research Proposal, Reed College)
 - November, 2014 Amount: \$1500
 - Additional funding for thesis research

Conference Poster Presentation

- Sadil, P. S., Huber, D. E., & Cowell, R. A. (2015). Visual Recollection. *Context and Episodic Memory Symposium*. Philadelphia, PA.
- Sadil, P. S., Huber, D. E., & Cowell, R. A. (2016). *Computational Model of Perceptual Deficits in Medial Temporal Lobe Amnesia*. Poster to be presented at the 12th annual Context and Episodic Memory Symposium. Philadelphia, PA.

Conference Papers

- Sadil, P. S., Cowell, R. A. (2016). *A Computational Model of Perceptual Deficits in Medial Temporal Lobe Amnesia*. Paper to be presented at the 38th Annual Meeting of the Cognitive Science Society. Pennsylvania, PA.

Teaching

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| Aug 2013–Dec 2013 | Lab Teaching Assistant , <i>Biology 381, Animal Physiology</i> , Reed College.
Advised students on proper lab techniques, and served as a consultant on their independent projects. |
| Aug 2015–Dec 2015 | Teaching Assistant , <i>Psychology 315, Cognitive Psychology</i> , University of Massachusetts, Amherst.
Hosted Weekly review sessions, hosted Exam Reviews, Office hours, helped write exams questions |
| Jan 2016–May 2016 | Teaching Assistant , <i>Psychology 241, Research Methods in Psychology</i> , University of Massachusetts, Amherst.
Oversaw lab section of 20 students as they learned how to conduct and write about research. Graded reports and hosted office hours. |

Public Outreach

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| Aug 2015–Dec 2015 | The Science of Memory and Aging.
Presented for local senior centers the neurological and behavioral effects of natural aging on the human brain. |
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