

Adrian Andelin

Email: Adrian@AdrianAndelin.com

Website: www.AdrianAndelin.com

Education

Ph.D., Psychology, University of Washington, Seattle, Washington, June 2018

Dissertation: Anatomical and functional organization of the visual cortex, and the effect of visual deprivation in animal models.

Adviser: Jaime F. Olavarria

M.A., Psychology, Northern Arizona University, Flagstaff, Arizona, December 2011

Cumulative GPA 4.0, Graduated with Distinction

Thesis: Manipulation of hand movement observation and execution on mu suppression measured by electroencephalography.

Adviser: Chad Woodruff

B.A., Psychology, Northern Arizona University, Flagstaff, Arizona, May, 2009

Cumulative GPA 3.82, Magna Cum Laude

Teaching Interests

Biological Psychology, Brain Development & Connectivity, Developmental Psychology, Anatomy of the Nervous System, Principles of Psychology, Sensation and Perception, Learning and Memory, Psychopharmacology, Psychophysiology, Introductory Psychology, Statistics

Research Interests

Visual system, biological development, influence of experience on sensory system development, histology, electroencephalography (EEG), Magnetic Resonance Imaging (MRI), Diffusion Tensor Imaging (DTI)

Awards and Honors

- UW Alcor Graduate Fellowship, May 2017
- UW Vision Training Grant, September 2015
- UW Dept. Of Psychology, Distinguished Teaching Award, May 2015
- NAU Graduate College Scholarship, Fall 2009
- Outstanding Senior Award, Spring, 2008
- Dougherty Foundation Scholarship, Fall 2006-Spring 2009
- Dubois Foundation Scholarship, Fall 2007-Fall 2011
- Wayland Educational Foundation Scholarship, Spring 2007, Summer 2008
- NAU Academic Excellence Award, Spring 2006

Teaching Experience

- Lecturer, Department of Psychology, University of Washington
Seattle, WA. June 2018 – current

Courses taught:
 - Biopsychology (Psych 202)
 - Neurobehavioral Lab (Psych 332)
 - Brain Development and Connectivity (Psych 430)
 - Drugs & Behavior (Psych 420)
- Lecturer, Department of Arts, Humanities & Social Sciences, Seattle Colleges
Seattle, WA. January 2019 – current

Courses taught:
 - Biopsychology (Psych 222)
 - General Psychology (Psych 100)
- Guest Lecturer, Department of Psychology, University of Washington
Seattle, WA. Autumn 2014.
 - Biopsychology (Psych 202). Topic: Auditory system. Autumn 2014.
- Teaching Assistant, Department of Psychology, University of Washington.
Seattle, WA. September 2011 - June 2018.
 - Developed materials for and led weekly review sections for Biopsychology (11 quarters)
 - Facilitated weekly laboratory course sessions in Neurobehavioral laboratory (8 quarters)
- Teaching Assistant, Department of Psychology, Northern Arizona University.
Flagstaff, AZ. August 2009 - May 2011.
 - Developed materials for and led weekly discussion sections for Statistics (2 semesters)
 - Developed materials to be used for Introduction to Personality course (2 semesters)
- Undergraduate Teaching Assistant, Department of Psychology, Northern Arizona University
Flagstaff, AZ. August 2007 - May 2008.
 - Led discussion groups and review sessions in seminar style freshman level class

Research Experience

- Doctoral Research, Department of Psychology, University of Washington.
Seattle, WA. September 2011 – June 2018.
 - Primary Investigator: Jaime F. Olavarria
 - Dissertation Work: Anatomical and functional organization of the visual cortex and visual system plasticity
- Graduate Research Assistant, Department of Psychology, Northern Arizona University.
Flagstaff, AZ. August 2009 – December 2011.
 - Primary Investigator: Chad Woodruff

- Thesis Work: Mu rhythm suppression as measured through electroencephalography and its relationship with mirror neurons and measures of empathy

- Undergraduate Research Assistant, Department of Psychology, Northern Arizona University
 - Primary Investigator: Andrew Walters
 - Conducted and transcribed interviews on research investigating gender differences

Publications

Andelin, A.K., Doyle, Z., Laing, R.J., Turecek, J., Lin, B., Olavarria, J.F. Lack of ocular dominance columns in albino rats increases the size of the binocular region in striate cortex. *Journal of Comparative Neurology*, in review.

Andelin, A.K., Olavarria, J.F., Fine, I., Taber, E.N., Schwartz, D., Kroenke, C.D., Stevens, A.A. (Dec, 2018). The effect of age of onset of visual deprivation on visual cortex surface area across-species. *Cerebral Cortex*, doi: 10.1093/cercor/bhy315.

Andelin, A.K., Bruning, D., Felleman, D., Olavarria, J.F. (2015). Visual interhemispheric and striate-extrastriate cortical connections in the rabbit: a multiple tracer study. *Neurology Research International*, 2015:591245. doi: 10.1155/2015/591245. Epub 2015 Sep 8.

Demir, M., Orthel, H., **Andelin, A.K.** (2013). *Friendship and happiness*. In I. Boniwell & S. David (Eds.), *Oxford handbook of happiness*. Oxford, UK: Oxford University Press.

Presentations & Posters

Andelin, A.K. Plasticity of Ocular Dominance Columns in Monocularly Deprived Long Evans Rats. *Presentation for Psychology Behavioral Neuroscience Seminar, March 2017, Seattle, WA.*

Andelin, A.K., Kroenke, C., Taber, E., Stevens, A., Olavarria, J.O. (2015). Critical period for the effect of visual deprivation on the surface area of visual cortex in animals and humans. Program No. 754.10. *2015 Neurosci Meeting Planner, Society for Neuroscience 2015, Chicago, IL, October 2015.*

Olavarria, J.F., Laing, R.J., **Andelin, A.K.**, Turecek, J. (2012). Lack of segregated ocular dominance domains increases binocularity in striate cortex of albino rats. Program No. 568.13. *2012 Neurosci Meeting Planner, Society for Neuroscience 2012, New Orleans, LA, October 2012.*

Andelin, A.K., Bilyk, N., Shelton, S., Bragg, A., Cuellar, L., Cisneros, E., Benjamin, J., Woodruff, C.C. (2011). Dissociation of central and occipital 8-13 Hz EEG Desynchronization. *Opportunities and Challenges in Social Neuroscience 2011, Utrecht, NL, March 2011.*

Bilyk, N., **Andelin, A.K.**, Cuellar, L., Bragg, A., Shelton, K., Woodruff, C.C. (2011). Differences in execution and observation-related mu suppression predict empathic ability. *Opportunities and Challenges in Social Neuroscience 2011, Utrecht, NL, March 2011.*

Andelin, A.K., Vucurevich, K.M., Walters, A.S. (2009). Communicating potential sexual interest: Do disclosures of interest depend on interviewer gender. *American Association of Sexuality Educators, Counselors and Therapists Conference, Phoenix, AZ, May 2009.*

