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## EDUCATION

### Haverford College

PA, U.S.A.

*B.A. in Cognitive Science, GPA: 3.98/4.0*

*Expected December 2019*

- Senior Thesis: Aesthetic Correlates in the Brain: Modeling fMRI data during Literature Engagement

## RESEARCH EXPERIENCE

### Penn Center for Neuroaesthetics, University of Pennsylvania

Feb. 2019 - Present

*Student Researcher (Thesis) advised by Franziska Hartung, PhD and Anjan Chatterjee, MD*

- Operationalized *literariness* and *emotional arousal* in Dutch literature-listening.
- Designed norming surveys in Qualtrics and built pipelines in R and MATLAB to analyze 3T fMRI data.

### Biophysics Lab, Haverford College

May - Aug. 2018

*Research Assistant to Suzanne Amador Kane, PhD*

- Built and improved setups of reflectance spectroscopy and multi-spectral imaging, and validated methods.
- Debugged and analyzed multi-spectral photos using ImageJ and custom MATLAB program.

## PUBLICATION

Kane, S. A., **Wang, Y.**, Fang, R., Lu, Y., & Dakin, R. (2019). How conspicuous are peacock eyespots and other colorful feathers in the eyes of mammalian predators? *PLOS ONE*. DOI: 10.1371/journal.pone.0210924

## CONFERENCES

**Wang, Y.**, Hartung, F., Chatterjee, A. (*in preparation*, 1/2020). Aesthetic Correlates in the Brain: Modeling fMRI data during Literature Engagement. Behavioral Insights from Text Conference, The Wharton School, Philadelphia, PA, USA.

Kane, S. A., **Wang, Y.**, Fang, R., Lu, Y., Dakin, R. (*in preparation*, 1/2020). How conspicuous are peacock eyespots and other colorful feathers in the eyes of mammalian predators? Annual Meeting of the Society for Integrative and Comparative Biology, Austin, TX, USA.

**Wang, Y.** (8/2017). Self-Formation: A Philosophical Perspective on the Reconciliation Process at Peace Museums in Japan and China. Asia-Pacific Peace Research Association Conference, Penang, Malaysia.

Yang, S., **Wang, Y.** (4/2017). The Diaries of John Rabe Witnessing the Nanjing Massacre. 9th International Conference of Museums for Peace, Belfast, Northern Ireland.

## EXTRACURRICULAR AND VOLUNTEER EXPERIENCE

### Children's Hospital of Philadelphia, Pain Relief, and Excel Physical Therapy

Summers 2018-19

*Observer*

- Shadowed PTs assessing and treating patients with TBIs, brain tumors, and other neuromuscular symptoms in clinical settings for over 100 hours.

### Pre-Health Society, Haverford College

May 2018 - Present

*Co-President, Treasurer*

- Organized workshops, info sessions, and field trips helping students find their niche in broader healthcare fields.

### John Rabe House, Nanjing University

Dec. 2014 - Aug. 2017

*Volunteer Intern*

- Led tours in English and Chinese for visitors, and independently studied philosophy of peace and conflict reconciliation.

## AWARDS AND FUNDING

**KINSC Summer Scholar**, 2019, Haverford College

**Phi Beta Kappa**, 2019

**Louis Green Fund**, 2017, Haverford College

## SKILLS

R/RStudio, MATLAB, SPM, Bash, EEG/ERP methods, E-Prime, Praat, ImageJ, Jekyll, L<sup>A</sup>T<sub>E</sub>X.