

**Yuchao Wang**  
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itsyuchao.github.io

## EDUCATION

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### 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

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### 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

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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

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**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

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### 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

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

**Phi Beta Kappa**, 2019

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

## SKILLS

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

November 3, 2019

Yuchao Wang  
370 Lancaster Ave  
Haverford, PA 19041

Laboratory for Cognition and Neural Stimulation  
Neurology Department, School of Medicine  
University of Pennsylvania  
Goddard Laboratory, Room 314  
3710 Hamilton Walk  
Philadelphia, PA 19104

Dear Sir or Madam,

My name is Yuchao Wang and I will be graduating from Haverford College with a

My educational background is in this and that at the former university along with an earned Master's and Ph.D. degree in this recent subject at this alma mater. I have taught this, that, and everything else. My research is in this area, that area, and another area still.

My dissertation advisor, Professor Head Adviser, and committee members Professor Two and Professor Three have been instrumental throughout my time at Home University. Please feel free to contact me with any questions.

Sincerely,

John Smith