

Yuchao Wang



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Education

Haverford College, PA, U.S.A.

B.A. Expected 2020

- Major: Cognitive Science. GPA: 3.98/4.0
- Selected coursework: Lab in Cognitive Neuroscience; Semantics; Statistical Methods II

National Junior College, Singapore

2012–2015

- 6 Distinctions in Singapore-Cambridge A-Level Examinations in 2015, including H3 Economics, H2 Mathematics, Physics, & Chemistry

Academic Experience

Physics Department, Haverford College

Summer 2018

Research Assistant in Biophysics Lab

- Investigated how peacock and parrot feathers can be a form of camouflage rather than a conspicuous visual signal in the eyes of their mammalian predators (preprint available on bioRxiv).

Asia-Pacific Peace Research Association Conference, Penang, Malaysia

August 2017

Presenter

- Authored and presented research paper: “Self-Formation: A Philosophical Perspective on the Reconciliation Process at Peace Museums in Japan and China” (peer-reviewed and accepted for publication).

9th International Conference of Museums for Peace, Belfast, Northern Ireland

April 2017

Presenter

- Co-authored and presented on paper, “Nanjing: Survive to Thrive - the Diaries of John Rabe witnessing the Rape of Nanjing,” with Executive Director of John Rabe Memorial Hall.
- Awarded Louis Green Fund, Center for Peace and Global Citizenship Conference Fund, and Diversity Initiative Grant.

DoubleSpeak Magazine, University of Pennsylvania

August 2018

Writer

- Authored and published a musing and a translation of a classical Chinese poem under one title “Starting From the Title: Translating a Captured Ruler and His Captivating Ci.”

Leadership and Activities

Nanjing University John Rabe and International Safety Zone Memorial Hall, China

2014–2017

Intern

- Led tours introducing Rabe’s life in Chinese and English for students and professionals.
- Translated exhibition boards in the memorial hall and transcribed historical documents.

Quaker & Special Collections, Haverford College

Summer 2017

Summer Intern

- Digitized and transcribed documents related to Quaker missionaries’ visit to Seneca Nations in 1798 into TEI format for an online database, “Beyond Penn’s Treaty: Quaker and American Indian Relations.”

Chaverim A Cappella Group, Haverford College

2016–2018

- Performed songs in foreign languages from Swahili to German at Haverford, Bryn Mawr, and Swarthmore College.

Mentoring and Student Teaching Program, Haverford College

2017

High School Science Tutor

- Planned and led weekly lab sessions for high school students from backgrounds traditionally underrepresented in sciences.

Honors and Awards

SM1 Scholar, 4-year full scholarship awarded by Singapore Chinese Chamber of Commerce and Industry

Distinction, Australian Mathematics Competition (Intermediate)

Silver Award, 35th C.B. Paul Science Quiz, Singapore

Skills

Technical: R/R-Studio, EEG/ERP methods, E-Prime, C++(algorithm), Matlab(basic)

Language: English, Chinese (native), Latin (basic reading proficiency)