

**Education**

- 2012-2019 Columbia University  
Ph.D., Neurobiology and Behavior
- 2007-2011 Cornell University  
B.A., Physics, Neurobiology  
3.9 / 4.0, Magna Cum Laude

**Research Experience**

- 02/20-08/20 Post-doctoral Fellow  
Advisor: Karl Deisseroth  
Stanford University
- 02/20-08/20 AI Resident  
Google X
- 02/19-02/20 Post-doctoral Fellow  
Advisors: Richard Axel and Larry Abbott  
Columbia University
- 09/12-02/19 Graduate Student  
Advisors: Richard Axel and Larry Abbott  
Columbia University
- 09/11-05/12 Research Technician  
Advisor: Elly Nedivi  
MIT
- 09/09-06/11 Undergraduate Researcher  
Advisor: Joseph Fetcho  
Cornell University
- 06/09-08/09 Summer Research Scholar  
Advisor: Scott Sternson  
HHMI Janelia Farm

**Invited Talks**

- 2019 Cognitive Computational Neuroscience, Berlin
- 2018 Cold Spring Harbor Laboratory: Neuronal Circuits, New York
- 2018 Columbia Neuroscience Conference, New York

**Conference Publications and Posters**

- 2019 NeurIPS Neuro AI Workshop, Vancouver
- 2018 Cold Spring Harbor Laboratory: Order and Disorder, New York
- 2018 Research in Encoding and Decoding of Neural Ensembles, Santorini
- 2018 Annual Canadian Neuroscience Conference, Vancouver

**Publications**

**Wang PY**, Sun Y, Axel R, Abbott LF, Yang GR (2021). Evolving the Olfactory System with Machine Learning. *BioRxiv* 439917. *Submitted*.

Sanchez-Lengeling B, Wei J, Lee B, Reif E, **Wang PY**, Qian WW, McCloskey K, Colwell L, Wiltshko A. (2020). Evaluating Attribution for Graph Neural Networks. *NeurIPS*.

**Wang PY\***, Boboila C\*, Chin M, Higashi-Howard A, Shamash P, Wu Z, Stein NP, Abbott LF, and Axel R. (2020). Transient and Persistent Representations of Odor Value in Prefrontal Cortex. *Neuron*.

Cueva CJ\*, **Wang PY\***, Chin M\*, Wei X. (2019). Emergence of functional and structural properties of the head direction system. *ICLR*.

**References**

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