

# ZIKANG (JOHN) ZHU

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## EDUCATION

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### University of Wisconsin-Madison

*Ph.D. Candidate in the Neuroscience Training Program*  
Advisor: A. Rosenberg

Madison, WI, USA

Sept. 2021 – Present

### Wuhan University

*Bachelor of Science in College of Life Sciences*

Thesis: *Integration of 3D visual information in the macaque visual system* Advisors: A. Rosenberg, J. Hu

Wuhan, Hubei, China

Sept. 2016 – June 2020

## ACADEMIC POSITIONS

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### Institute of Neuroscience, Chinese Academy of Sciences

*Research Assistant; Advisor: Y. Gu*

Shanghai, China

Sept. 2020 – May 2021

### Department of Neuroscience, University of Wisconsin-Madison

*Undergraduate Researcher; Advisor: A. Rosenberg*

Madison, WI, USA

July 2019 – Apr. 2020

## PUBLICATIONS

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- Li W, Lu J, **Zhu Z**, Gu Y (2022) *Causal contribution of optic flow signal in Macaque extrastriate visual cortex for roll perception*. *Nature Communications* 13, 5479.
- Thompson L, Kim B, **Zhu Z**, Rokers B, Rosenberg A (2021) *Eye-specific perspective cues make separate contributions to 3D motion perception*. *Journal of Cognitive Neuroscience*. 34 (1): 192–208.

## AWARDS

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- **Best Poster Award**, 14th Annual McPherson Eye Research Institute Vision Science Poster Session. Oct. 2022

## TALKS

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- *How does our brain see in 3D?* McPherson Eye Research Institute Fall 2022 Trainee Symposium, Madison, WI, USA, Dec 1<sup>st</sup>, 2022

## POSTERS

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Presenter underlined.

- **Z. Zhu**, B. Kim, R. Doudlah, T. Chang, A. Rosenberg. *Clustering of visual, choice-, and presaccadic activity in macaque V3A and CIP*, Society for Neuroscience, San Diego, CA, USA, Nov 16<sup>th</sup>, 2022
- **Z. Zhu**, B. Kim, R. Doudlah, T. Chang, A. Rosenberg. *Clustering of visual, choice-, and saccade-related activity in macaque V3A and CIP*, 14th Annual McPherson Eye Research Institute Vision Science Poster Session, University of Wisconsin – Madison, Madison, WI, USA, Oct 20<sup>th</sup>, 2022
- **Z. Zhu**, B. Kim, R. Doudlah, T. Chang, A. Rosenberg. *Differential clustering of visual, choice-, and saccade-related activity in macaque V3A and CIP*, 2022 Neuroscience Training Program Re-Connectome Symposium, University of Wisconsin – Madison, Madison, WI, USA, Sept 21<sup>st</sup>, 2022
- L. Thompson, B. Kim, **Z. Zhu**, B. Rokers, A. Rosenberg. *Contributions of stereoscopic and perspective cues to motion-in-depth perception in macaque monkeys*, 11th Annual McPherson Eye Research Institute Vision Science Poster Session. University of Wisconsin – Madison, Madison, WI, USA, Nov 21<sup>st</sup>, 2019

## COMMUNITY OUTREACH

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- **Science Club Project**, Lodi High School, Madison, WI, USA. Feb. 2023
- **4-H Science Fright Night**, UW Space Place, Madison, WI, USA. Oct. 2022
- **Cutting Edge Science for Everyday People (How does our brain see in 3D)**, Delta Beer Lab, Madison, WI, USA. Aug. 2022
- **UW Science Event at Packers Complex**, Packers Complex, Madison, WI, USA. June 2022
- **Science Club (Cow eye dissection)**, Glenn Stephens Elementary School, Madison, WI, USA. Apr. 2022