

# Zhewei Cao *updated Nov 2020*

## Contact

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University of Michigan

## Education

**PhD Student, Psychology**  
University of Michigan  
Advisor: David Brang

Sep 2020 -

**B.S., Brain & Cognitive Sciences with honors**  
University of Rochester  
Advisor: John Foxe, Edmund Lalor

May 2020

## Publications

### *In prep:*

***A linguistic representation of visual speech underlies successful lipreading (working title)***

Nidiffer AR, **Cao Z (co-first author)**, O'Sullivan AE, Szymula LA, Lalor EC

***Chronic inhibitory control deficits in former cocaine addicts with comorbid HIV infection.***

Wakim K-M, Freedman EG, N. Vieyto, **Cao Z**, Foxe JJ

***The strength and timing of feedback processing is associated with resistance to visual backward masking during illusory contour processing (working title)***

Foxe JJ, Myers EJ, Knight EJ, **Cao Z**, Nicholas EP, Molholm S, Freedman EG

## Poster Presentations

*\*:Presenting*

International Society for Autism Research (INSAR), submitted

May 2021

***Altered Visual Evoked Potentials to Illusory Contour Integration Among Children on the Autism Spectrum***

Knight EJ, Myers EJ, **Cao Z**, Oakes LA, Nicholas EP, Freedman EG, Foxe JJ

Advances and Perspectives in Auditory Neuroscience (APAN)

Oct 2020

***Does auditory cortex receive linguistic information from visual cortex?***

Nidiffer AR\*, **Cao Z**, O'Sullivan AE, Lalor EC

**Cognitive Neuroscience Society (CNS)**

**May 2020**

***Prior Exposure Enhances Cortical Entrainment to Unheard Speech During Silent Lip-reading***

**Cao Z\***, O'Sullivan AE, Szymula LA, Nidiffer AR, Lalor EC

**Society for Neuroscience (SfN)**

**Oct 2019**

***Putting on the brakes: An EEG investigation of inhibitory control and action monitoring in HIV+ abstinent substance users***

Wakim K-M \*, Vieyto N, Molloy CJ, **Cao Z**, Freedman EG, Foxe JJ

**The British Neuroscience Association (BNA)**

**April 2019**

***Altered VEP responses to illusory contours in children on the autism spectrum***

Myers EJ\*, **Cao Z**, Nicholas EP, Freedman EG, Foxe JJ

***The Neurobiology of Inhibitory Control in HIV+ Individuals with a History of Cocaine Dependence***

Wakim K-M\*, Molloy CJ, **Cao Z**, Freedman EG, Foxe JJ

***The Neurobiology of Error Processing in HIV+ Individuals with a History of Cocaine Dependence***

Vieyto N\*, Wakim K-M, **Cao Z**, Freedman EG, Foxe JJ

**Federation of European Neuroscience Societies (FENS)**

**July 2018**

***Inhibitory control in abstinent cocaine users with and without HIV: A preliminary fMRI study***

Molloy CJ\*, Wakim K-M, **Cao Z**, Havens AK, Freedman EG, Foxe JJ

***Electrophysiological correlates of inhibitory control in abstinent cocaine users with and without HIV***

Wakim K-M \*, Molloy CJ, Nicholas EP, **Cao Z**, Havens AK, Freedman EG, Foxe JJ

## **Professional Societies**

Cognitive Neuroscience Society

2019 – Present

Int'l Multisensory Research Forum

2020 – Present

Society for Neuroscience

2020 – Present

Society for the Neurobiology of Language

2020 – Present