

Zhewei Cao

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Education

PhD Student, Psychology, University of Michigan **Expected 2025**
Cognition and Cognitive Neuroscience Area
Advisor: David Brang

B.S., Brain & Cognitive Sciences, University of Rochester **May 2020**
Honors Thesis: Visual Cortical Tracking of Categorical Speech Features in Silent Lipreading
Advisor: Edmund Lalor

Honors

Take Five Scholar, University of Rochester	2019-2020
Dean's Scholarship, University of Rochester	2017- 2019
Undergraduate Presentation Award, University of Rochester	
Cognitive Neuroscience Society	Mar 2020
British Neuroscience Association (awarded but unused)	Mar 2019

Interests

I'm interested in understanding sensory interactions & integrations during speech, using psychophysics, neuroimaging(iEEG, fMRI) and computational methods.

Presentations

*:Presenting

Advances and Perspectives in Auditory Neuroscience (APAN), submitted	Oct 2020
<i>Does auditory cortex receive linguistic information from visual cortex?</i> A.R. Nidiffer*, Z. Cao*, A. E. O'Sullivan, E.C. Lalor	
Cognitive Neuroscience Society (CNS)	May 2020
<i>Prior Exposure Enhances Cortical Entrainment to Unheard Speech During Silent Lip-reading</i> Z. Cao*, A. E. O'Sullivan, L. A. Szymula, A.R. Nidiffer, E.C. Lalor	
Society for Neuroscience (SfN)	Oct 2019
<i>Putting on the brakes: An EEG investigation of inhibitory control and action monitoring</i>	

in HIV+ abstinent substance users

K-M. Wakim-Takaki*, N. Vieyto, C. J. Molloy, **Z. Cao**, E. G. Freedman, J. J. Foxe

The British Neuroscience Association (BNA)

April 2019

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

E. J. Myers*, **Z. Cao**, E. P. Nicholas, E. G. Freedman, J. J. Foxe

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

K-M. Wakim-Takaki *, C. Molloy, **Z. Cao**, E. G. Freedman, J. J. Foxe

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

N. Vieyto*, K-M. Wakim-Takaki, **Z. Cao**, E. G. Freedman, J. J. Foxe

Federation of European Neuroscience Societies (FENS)

July 2018

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

C. J. Molloy*, K-M. Wakim-Takaki, **Z. Cao**, A. K. Havens, E. G. Freedman, J. J. Foxe

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

K-M. Wakim-Takaki *, C. J. Molloy, E. Nicholas, **Z. Cao**, A. K. Havens, E. G. Freedman, J. J. Foxe

Teaching

University at Buffalo, SUNY

Teaching assistant, Psychological Statistics

Buffalo, NY

Spring 2017

Led workshops to 60~90 students twice a week where I help the graduate teaching assistant with instruction; Graded students' exams; Held office hours and review sessions before exams.

Instructor: Tim Pruitt, PhD

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