

Zhewei “Cody” Cao

Curriculum Vitae

email: zhewei@umich.edu

updated: June 13th, 2020

EDUCATION

University of Michigan

Expected May 2025

Graduate Student

Psychology, Cognition and Cognitive Neuroscience Area

Advisor: David Brang, PhD

University of Rochester

May 2020

B.S., Brain & Cognitive Sciences with Honors

Thesis: Visual cortical tracking of categorical speech features is enhanced for trained lipreaders

Advisor: Edmund C. Lalor, PhD

FUNDING

University of Rochester

Rochester, NY

Dean's Scholarship

Aug 2017 - May 2020

Take Five Scholar

Aug 2019 - May 2020

Undergraduate Presentation Award

Cognitive Neuroscience Society

Mar 2020

British Neuroscience Association (awarded but unused)

Mar 2019

TEACHING

University at Buffalo, SUNY

BUFFALO, NY

Teaching assistant, Psychological Statistics, under Dr. Tim A. Pruitt

Jan 2017 – May 2017

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

MANUSCRIPTS

In Prep:

The strength and timing of feedback processing is associated with resistance to visual backward masking during illusory contour processing.

J. J. Foxe, E. J. Meyers, E. J. Knight, Z. Cao, E. P. Nicholas, S. Molholm, E. G. Freedman

Visual cortical tracking of categorical speech features is enhanced for trained lipreaders
(working title)

A.R. Nidiffer, Z. Cao (co-first authors), A.E. O' Sullivan, E.C. Lalor

ONGOING PROJECTS

Altered VEP responses to illusory contours in children on the autism spectrum (working title)
E. J. Myers, **Z. Cao**, E. P. Nicholas, E. G. Freedman, J. J. Foxe

POSTER PRESENTATIONS

*: Presenting

International Multisensory Research Forum (IMRF), 2020 (submitted) **Ulm, Germany**

Prior Exposure Enhances Cortical Entrainment to Unheard Speech During Silent Lip-reading
A.R. Nidiffer*, **Z. Cao***, A. E. O'Sullivan, E.C. Lalor

Cognitive Neuroscience Society (CNS), 2020 **Virtual**

Prior Exposure Enhances Cortical Entrainment to Unheard Speech During Silent Lip-reading
Z. Cao*, A. E. O'Sullivan, L. A. Szymula, A.R. Nidiffer, E.C. Lalor

Society for Neuroscience (SfN), 2019 **Chicago, IL**

Putting on the brakes: An EEG investigation of inhibitory control and action monitoring 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), 2019 **Dublin, Ireland**

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), 2018 **Berlin, Germany**

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