**Zhewei Cao** *updated Nov 2020*

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**Education**

**PhD Student, Psychology** Sep, 2020 -

*University of Michigan*

*Advisor: David Brang*

**B.S., Brain & Cognitive Sciences with honors** May, 2020

*University of Rochester*

*Advisor: John Foxe, Edmund Lalor*

**Publications**

***In prep:***

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

*A.R. Nidiffer,* ***Z. Cao (co-first author)****, A. E. O’Sullivan, L. A. Szymula, E.C. Lalor*

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

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

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

*J. J. Foxe, E. J. Myers, E. J. Knight,* ***Z. Cao****, E. Nicholas, S. Molholm, E. G. Freedman*

**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***

*E. J Knight, E. J. Myers,* ***Z. Cao****, L. A. Oakes, E. P. Nicholas, E. G. Freedman, J. J. Foxe*

**Advances and Perspectives in Auditory Neuroscience (APAN** **Oct 2020**

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

*A.R. Nidiffer\** ***, Z. Cao,*** *A. E. O’Sullivan, E.C. Lalor*

**Cognitive Neuroscience Society (CNS)** **May 2020**

***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) Oct 2019**

***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) 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*

**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*