

Yeo Bi (YB) Choi

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EDUCATION

Dartmouth College

PhD student in Cognitive Neuroscience

Advisor: Dr. Caroline Robertson

Hanover, NH

expected Jun. 2024

University of Chicago

Bachelor of Arts in Economics & in Psychology with Honors

Chicago, IL

Jun. 2016

Phillips Academy Andover

Diploma with Honor roll

Andover, MA

Jun. 2013

PEER REVIEWED PUBLICATIONS

Janvier, D., **Choi, Y. B.**, Klein, C., Lord, C., & Kim, S. (under review). Examining test-retest reliability of the Autism Diagnostic Observation Schedule (ADOS-2) Calibrated Severity Score (CSS). *Journal of Autism and Developmental Disorders*.

Vibert, B., Dufek, S., Klein, C., **Choi, Y. B.**, Winter, J., Lord, C. & Kim, S., (2020). Quantifying Caregiver Change Across Early Autism Interventions Using the Measure of NDBI Strategy Implementation: Caregiver Change (MONSI-CC). *Journal of Autism and Developmental Disorders*.

Filippi, C. **Choi, Y. B.**, Cannon, E., Fox, N., Woodward, A. (2019). Neural correlates of infant action processing relate to theory of mind in early childhood. *Developmental Science*.

Kim, S. H., Buzell, G., Faja, S., **Choi, Y. B.**, Brito, N., Shuffrey, L., Fifer, W., Morrison, M., Lord, C. & Fox, N. (2019) Neural dynamics of executive function in cognitively-able kindergarteners with Autism Spectrum Disorders (ASD) as predictors of concurrent academic achievement: Preliminary study. *Autism*.

Kim, S. H., Hus V., Benrey, N., **Choi, Y. B.**, Guthrie, W., Colombi, C., Lord, C. (2018). Variability in autism symptom trajectories using repeated observations from 14 to 36 months of age. *Journal of the American Academy of Child and Adolescent Psychiatry*.

SELECTED POSTER & ORAL PRESENTATIONS

Choi, Y. B., Steel, A., Botch, T., & Robertson, C. (May 2020). Measuring Transitory Modulation of GABA Levels in the Visual Cortex. *Vision Science Society*. Pete Beach, FL.

Thomas, H., Buzzell, G., **Choi, Y. B.**, Klein, C., Fox, N. and Kim, S. H. (May 2020). Neural and Behavioral Impairments in Cognitive Control in Kindergarteners with ASD: EEG Analyses of Theta Oscillations. Oral presentation at *International Society for Autism Research (INSAR)*. Seattle, WA.

Steel, A., **Choi, Y. B.**, Botch, T., Robertson, C. E. (Nov 2019). Binocular rivalry: A test of E/I balance in visual cortex. Oral presentation at *5th International Symposium on GABA and Advanced MRS*. Park City, UT.

Choi, Y.B., Thomas, H. R., Janvier, D., Lord, C., & Kim, S. H. (May 2019). Examining test-retest reliability of the Autism Diagnostic Observation Schedule (ADOS) Calibrated Severity Score (CSS). *INSAR*. Montreal, Canada.

Choi, Y. B., Benrey, N., Mitchell, E., Lord, C., & Kim, S. H. (May 2018). Executive function in more-able kindergarteners with ASD predicts concurrent academic, social, and behavioral outcomes. *INSAR*. Rotterdam, Netherlands.

Kim, S. H., Mitchell, E., Benrey, N., **Choi, Y. B.**, & Lord, C. (May 2018). Neurobiological mechanisms of executive function (EF) as a predictor of social and academic outcomes in more-able kindergarteners with ASD. Oral presentation at *INSAR*. Rotterdam, Netherlands.

Choi, Y. B., Chen, L., Qin, S., and Menon, V. (May 2017). Memory deficits for faces and non-social stimuli in children with ASD. *International Meeting for Autism Research (IMFAR)*. San Francisco, CA.

Choi, Y. B., Filippi, C., Cannon, E., Fox, N., Thrope, S., Woodward, A. (May 2016). Neurodevelopmental correlate of Theory of Mind and Executive Functions: Infant frontal alpha Event Related Desynchronization (ERD). *Fourteenth Annual Stanford Undergraduate Psychology Conference*. Stanford, CA.

Filippi, C., **Choi, Y. B.**, Cannon, E., Fox, N., Thorpe, S., Woodward, A. (May 2016). Thinking about others' thoughts: Can neural activity in infancy predict development of theory of mind? *International Congress of Infant Studies (ICIS)*. New Orleans, LA.

RESEARCH EXPERIENCE

ASD Developmental Science Lab, Research Assistant Jul. 2017 – Jul. 2019
Weill Cornell Medical College, PIs: Drs. So Hyun Kim & Catherine Lord

Stanford Cognitive & Systems Neuroscience Lab, Research Assistant Aug. 2016 - Jun. 2017
Stanford School of Medicine, PI: Dr. Vinod Menon

Infant Learning and Development Lab, Honors Student Jun. 2015 - Jun. 2016
The University of Chicago, PI: Dr. Amanda Woodward

Business Decision Research Lab, Undergraduate Research Assistant Jan. 2015 - Jun. 2015
University of Chicago Booth School of Business, PI: Dr. Ayelet Fishbach

AWARDS

Dartmouth Presidential Fellowship: \$1,500 2019
INSAR Student/Trainee Travel Award: \$500 2019
Phi Beta Kappa Honor Society (member as junior) 2016
University of Chicago Dean's Fund: \$1,500 2016
Norman H. Anderson Conference Travel Grants: \$800 2016
Honors in Psychology 2016
University of Chicago Dean's List 2013 – 2016

SKILLS & TRAINING

- Proficient in R, Interact, SPSS, E-Prime, and Net Station
- Experience with C#, Unity, MATLAB, Python, Gannet, and STATA
- Obtained research reliability on ADOS-2 higher modules and Minimally Verbal, Verbal BOSCCs - 2017
- Completed clinical training for Early Start Denver Model (ESDM) - 2017
- Fluent in English and Korean, some instruction in Spanish

PROFESSIONAL AFFILIATIONS

Vision Sciences Society (VSS) Member since 2019
International Society for Autism Research (INSAR) Member 2016 - 2019
Association for Psychological Science (APS) Member 2015 - 2017
International Congress of Infant Studies (ICIS) Member 2015 - 2016