

Megan C. Ichinose

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EDUCATION

Vanderbilt University, Nashville, Tennessee

Ph.D. student in Clinical Psychology (degree expected 2018)

M.S. in Clinical Psychology expected August 2015

Northwestern University, Evanston, Illinois

Bachelor of Arts in Psychology, *cum laude*, June 2011

Minor in Global Health, pre-medical studies

RESEARCH EXPERIENCE

August 2013
to present

Park Clinical Neuroscience Lab – Vanderbilt University, Nashville, Tennessee

Graduate Student

Advisor: Sohee Park, PhD

Research Summary: Examining deficits or abnormalities in attention and memory processes associated with schizophrenia and their relationship to positive and negative symptomology.

September 2011
to June 2013

Belief, Learning & Memory Lab – Yale School of Medicine, New Haven, Connecticut

Postbaccalaureate Research Assistant

Supervisors: Philip Corlett, PhD & Alan Anticevic, PhD

January to
August 2011

Brain, Behavior & Cognition Lab – Northwestern University, Evanston, Illinois

Undergraduate Research Assistant

Supervisors: Mark Jung Beeman, PhD

January to
June 2011

Cognitive Neuroscience Lab – Northwestern University, Evanston, Illinois

Undergraduate Research Assistant

Supervisors: Ken Paller, PhD & Heather Lucas, PhD

September 2010
to August 2011

The Family Institute – Northwestern University, Evanston, Illinois

Undergraduate Research Assistant

Supervisor: Lynne Knobloch-Fedders, PhD

GRANTS & AWARDS

T32 MH018921-25 NIH Predoctoral Training Award, Vanderbilt University (July 2014 – July 2015)

National Science Foundation Graduate Research Fellowship Honorable Mention (April 2015)

National Science Foundation Graduate Research Fellowship Honorable Mention (April 2014)

Gamma Sigma Alpha National Academic Greek Honor Society (May 2011)

Golden Key International Honour Society (February 2011)

National Merit Scholarship Recipient (\$8,000 scholarship awarded from September 2007 to June 2011)

PUBLICATIONS

1. **Ichinose, M.**, Han, G., Geoghegan, M., Polyn, S.M., Tomarken, A. & Park, S. (In Preparation). Verbal memory task performance in schizophrenia: A case for ‘cognitive dysconnectivity’?
2. Corlett, P.R., Pittman, B., Gueorgeuiva, R., DeMartini, K., **Ichinose, M.**, Anticevic, A., Taylor, J.R., Abi-Dargham, A., Pearlson, G., Krystal, J.K., Krishnan-Sarin, S., O’Malley, S.S. (Submitted). Pavlovian to instrumental transfer in healthy and alcohol-dependent subjects.

3. Fineberg, S.K., Deutsch-Link, S., **Ichinose, M.**, McGuinness, T., Bessette, A., Chung, C.K., & Corlett, P.R. (2014). Word use in first-person accounts of schizophrenia. *British Journal of Psychiatry*, doi: 10.1192/bjp.bp.113.140046.
4. Murray, J.D., Anticevic, A., Gancsos, M., **Ichinose, M.**, Corlett, P.R., Krystal, J.H., & Wang, X-J. (2012). Linking microcircuit dysfunction to cognitive impairment: Effects of disinhibition associated with schizophrenia in a cortical working memory model. *Cerebral Cortex*, doi:10.1093/cercor/bhs370.
5. Collier, A.K., Paller, K.A., **Ichinose, M.**, Bridge, D., & Beeman, M. (In Preparation). Memory consequences of solutions achieved with insight problem solving compared to analytic problem solving.

CONFERENCE POSTERS & PRESENTATIONS

1. **Ichinose, M.**, McCluey, J.D., Collins, M., Geoghegan, M., Polyn, S.M., & Park, S. (2014, September). Long-term memory deficits in schizophrenia: Preserved and compromised cognitive processes. Poster presented at the 28th Annual Meeting of the Society for Research in Psychopathology, Evanston, IL.
2. **Ichinose, M.**, McCluey, J.D., Collins, M., Geoghegan, M., Polyn, S.M., & Park, S. (2014, January). Long-term memory deficits in schizophrenia: Implications for preserved and compromised cognitive processes and pre-frontal-temporal lobe circuitry differences. Poster presented at the Seventh Annual Science Day at the Vanderbilt Kennedy Center for Research on Human Development, Nashville, TN.
3. Anticevic, A., Murray, J.D., **Ichinose, M.**, Wang, X-J., Corlett, P.R., & Krystal, J.H. (2013, April) Towards a mechanistic understanding of cognitive disturbances in schizophrenia. Symposium presentation to the 14th International Congress on Schizophrenia Research, Orlando, Florida.
4. Anticevic, A., Murray, J.D., Gancsos, M., Repovs, G., Driesen, N.R., **Ichinose, M.**, Ennis, D.J., Niciu, M.J., Morgan, P.T., Surti, T.S., Bloch, M.H., Ramani, R., Smith, M.A., Wang, X-J., Krystal, J.H., & Corlett, P.R. (2013, April) Elucidating Mechanisms of Cognitive Impairment in Schizophrenia via Pharmacological Neuroimaging and Computational Modeling. Poster presented at the 14th International Congress on Schizophrenia Research, Orlando, Florida.
5. Murray, J.D., Anticevic, A., **Ichinose, M.**, Gancsos, M., Corlett, P.R., Krystal, J.H., & Wang, X-J. (2012, October). Effects of disinhibition in a cortical working memory circuit with relevance to schizophrenia. Poster presented at the Annual Meeting of Neuroscience, New Orleans, Louisiana.
6. Murray, J.D., Anticevic, A., **Ichinose, M.**, Gancsos, M., Corlett, P.R., Krystal, J.H., & Wang, X-J. (2012, May). Effects of disinhibition in a cortical working memory circuit with relevance to schizophrenia. Poster session presented at *Towards Mathematical Modeling of Neurological Disease from Cellular Perspectives: Schizophrenia Workshop*. Fields Institute for Research in Mathematical Sciences, University of Toronto, 2012.

CLINICAL EXPERIENCE

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| August 2013
to present | Park Clinical Neuroscience Research Lab – Vanderbilt University
Conduct clinical interviews of patients with schizophrenia, including the Schedule for Assessment of Positive Symptoms, the Schedule for the Assessment of Negative Symptoms, and the Brief Psychiatric Rating Scale. |
| February 2014
to present | Cognitive Remediation for Pediatric Brain Tumor Survivors – Vanderbilt University
Conduct cognitive assessments (WISC-IV, WASI-II, NIH Toolbox) with children and adolescents with brain tumors pre- and post-treatment with surgery, radiation, and/or chemotherapy. |
| September 2012
to June 2013 | Clinical and Diagnostic Assessments for Pharmacological Studies – Yale School of Medicine
Administered Structured Clinical Interviews for DSM-I Disorders (SCID) to screen for healthy participants without DSM axis-I disorders. Clinically trained in phlebotomy, vital signs, and emergency management (Yale Center for Clinical Investigation). |
| September 2010
to June 2011 | Coding with the Structural Analysis of Social Behavior (SASB) – Northwestern University
Coded interpersonal interactions between couples with generalized anxiety disorder and major depressive disorder. |
| June to August | Emergency Department Scribe – St. Joseph's Hospital, Orange, California |

2009 & 2010 Worked closely with Emergency Room physicians during all patient interactions to transcribe patient notes, medication management, lab results, exam and radiographic findings to ensure accurate medical documentation.

PROFESSIONAL & COMMUNITY EXPERIENCE

July 2014 to present **Ad hoc reviewer** (with Sohee Park), Schizophrenia Research

September 2013 to present **Undergraduate Honors Student Mentor**, The Park Lab, Vanderbilt University

June to August 2011 **ACT Tutor** – Effective Educators, Highland Park, Illinois

June to August 2011 **Supervisor** – Summer Research Internship Program – Northwestern University

January to March 2011 **Community Consultant for non-profit “Stand Up for Kids”** – Evanston, Illinois

COMPUTER SKILLS

Microsoft Word/Excel/PowerPoint, Adobe Photoshop, R, SPSS, E-Prime, Matlab, UNIX

REFERENCES

Dr. Sohee Park
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Vanderbilt University
(615) 322-3532
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Dr. Philip Corlett
Assistant Professor, Department of Psychology
Yale School of Medicine
(203)-947-7866
philip.corlett@yale.edu

Dr. Sean Polyn
Assistant Professor of Psychology
Vanderbilt University
(615) 322-2536
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Dr. Mark Jung-Beeman
Associate Professor of Psychology
Northwestern University
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mjungbee@northwestern.edu