

## **Beier (Belle) Yao**

Department of Psychology  
Michigan State University  
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### **Education**

- 2018 - present **Michigan State University**, East Lansing, Michigan  
Doctor of Philosophy in Clinical Psychology  
Advisor: Katy Thakkar, Ph.D.
- May 2018 **Michigan State University**, East Lansing, Michigan  
Master of Arts in Clinical Psychology  
Thesis: Can thalamo-cortical dysconnectivity explain altered corollary discharge in schizophrenia?  
Advisor: Katy Thakkar, Ph.D.
- May 2013 **Mount Holyoke College**, South Hadley, Massachusetts  
Bachelor of Arts in Art History  
Bachelor of Arts in Psychology  
Graduated *Magna Cum Laude* with High Honor in Psychology  
Honors thesis: Examining the source and function of meta-stereotypes in a five-college context  
Advisor: Jessica Salvatore, Ph.D.

### **Honors and Awards**

- 2018 **Norman Abeles Award for Outstanding Clinical Service**, to a 2<sup>nd</sup> year student for clinical skill and growth over the 1<sup>st</sup> year of practicum
- 2016 **John and Margo Reisman Award for Exceptional Promise in Clinical Psychology**, to the top applicant in each admissions class
- 2013 **Mary Lyon Scholar**, graduated with high honor or *summa cum laude*
- 2013 **Dorothy M. Cogswell Merit Scholarship**, to highly accomplished art history or studio art major
- 2013 **Phi Beta Kappa**, Academic Honor Society
- 2012 **Harap Scholarship Fund**, to selective Psychology honors thesis project
- 2011 **Award of Academic Excellence in Psychology**, to top 20% Psychology major
- 2011 **Harap Scholarship Fund**, to selective independent student research project
- 2010 **Sarah Williston Scholar**, in top 15% of sophomore class
- 2010 **Psi Chi**, International Psychology Honor Society

## Publications

### Peer-Reviewed Articles

- Yao, B.**, Neggers, S. F. W., Rolfs, M., Rösler, L., Thompson, I. A., Hopman, H. J., Ghermezi, L., Kahn, R. S., Thakkar, K. N. (in press). Structural thalamo-frontal hypoconnectivity is related to oculomotor corollary discharge dysfunction in schizophrenia. *Journal of Neuroscience*. doi: 10.1523/JNEUROSCI.1473-18.2019
- Grove, T. B., **Yao, B.**, Mueller, S. A., McLaughlin, M., Ellingrod, V. L., McInnis, M. G., Taylor, S. F., Deldin, P. J., & Tso, I. F. (2018). A Bayesian model comparison approach to test the specificity of visual integration impairment in schizophrenia or psychosis. *Psychiatry Research*, 265, 271-278. doi: 10.1016/j.psychres.2018.04.061
- Yao, B.**, Mueller, S. A., Grove, T. B., McLaughlin, M., Thakkar, K., Ellingrod, V. L., McInnis, M. G., Taylor, S. F., Deldin, P. J., & Tso, I. F. (2018). Eye gaze perception in bipolar disorder: self-referential bias but intact perceptual sensitivity. *Bipolar Disorders*, 20, 60-69. doi: 10.1111/bdi.12564
- Yao, B.**, Sripatha, R. K., Klumpp, H., Abelson, J. L., Muzik, M., Zhao, Z., Rosenblum, K., Briggs, H., Kaston, M., & Warren, R. (2016). Penn State Worry Questionnaire - 10: a new tool for measurement-based care. *Psychiatry Research*, 239, 62-67. doi:10.1016/j.psychres.2016.02.069
- Deutsch, F. M., & **Yao, B.** (2014). Gender differences in faculty attrition in the USA. *Community, Work & Family*, 17, 392-408. doi: 10.1080/13668803.2014.885880.

### Manuscripts Submitted for Publication

- Tso, I. F., **Yao, B.**, Angstadt, M., Diwadkar, V. A., Taylor, S. F. (under review). Altered eye gaze processing in schizophrenia: combining psychophysics and fMRI to investigate its pathophysiology.
- Grove, T. B., Tso, I. F., Chun, J., Taylor, S. F., Ellingrod, V. L., McInnis, M. G., Ryan, K., Mueller, S. A., Votta, C., Cheng, P., **Yao, B.**, ... Deldin, P.J. (under review). Emotional experience is associated with social functioning across the severe mental illness-health continuum.

### Manuscript in Preparation

- Chun, J., O'Donnell, L., Cardinale, R., **Yao, B.**, Grove, T. B., Kamali, M., Tso, I. F., McInnis, M. G., & Deldin, P. J. Role of psychosis chronicity among bipolar I disorder in response inhibition deficits: an ERP study.

### Published Abstracts

- Tso, I. F., Angstadt, M., **Yao, B.**, Diwadkar, V., Taylor, S. (2017). 420. Understanding altered eye gaze perception in schizophrenia using dynamic causal modeling. *Biological Psychiatry*, 81(10), S171-S172.
- Taylor, S. F., **Yao, B.**, Tso, I. F., Welsh, R. C., & Petrou, M. (2017). 50. Negative affect, GABA and the medial prefrontal cortex in psychosis. *Schizophrenia Bulletin*,

43(Suppl 1), S26-S27.

Tso, I. F., Angstadt, M., **Yao, B.**, Diwadkar, V., Taylor, S. (2017). 201. Understanding altered eye gaze perception in schizophrenia using dynamic causal modeling. *Schizophrenia Bulletin*, 43(Suppl 1), S104.

**Yao, B.**, Mueller, S., Grove, T. B., & Tso, I. F. (2015). Abnormal eye-contact perception: a phenomenon specific to schizophrenia or a trans-diagnostic deficit? *Schizophrenia Bulletin*, 41(Suppl 1), 65.

### Conference Presentations

Wang, H., **Yao, B.**, Rolfs, M., Thakkar, K. N. (April 2018). Personality correlates of attention shifts. Poster presented at the Michigan State University Undergraduate Research and Arts Forum, East Lansing, MI.

**Yao, B.**, Rösler, L., Rolfs, M., Neggers, S. F. W., Thakkar, K. N. (September 2017). Neural underpinning of altered corollary discharge in schizophrenia. Poster presented at the 31<sup>st</sup> Annual Meeting of the Society for Research in Psychopathology (SRP), Denver, CO.

Tso, I. F., Angstadt, M., **Yao, B.**, Diwadkar, V., Taylor, S. (May 2017). Understanding altered eye gaze perception in schizophrenia using dynamic causal modeling. Oral presentation at the 72<sup>nd</sup> Society of Biological Psychiatry Annual Meeting, San Diego, CA.

Taylor, S. F., **Yao, B.**, Tso, I. F., Welsh, R. C., & Petrou, M. (March 2017). Negative affect, GABA and the medial prefrontal cortex in psychosis. Oral presentation at the 16<sup>th</sup> International Congress on Schizophrenia Research (ICOSR), San Diego, CA.

Tso, I. F., Angstadt, M., **Yao, B.**, Diwadkar, V., Taylor, S. (March 2017). Understanding altered eye gaze perception in schizophrenia using dynamic causal modeling. Oral presentation at the 16<sup>th</sup> International Congress on Schizophrenia Research (ICOSR), San Diego, CA.

Tso, I. F., **Yao, B.**, & Taylor, S. F. (September 2016). Hyperactivation of social and salience brain networks during eye gaze perception in Schizophrenia. Paper presented at the 30<sup>th</sup> Annual Meeting of the Society for Research in Psychopathology (SRP), Baltimore, MD.

**Yao, B.**, Mueller, S., Grove, T. B., Taylor, S. F., Deldin, P. J., & Tso, I. F. (May 2016). Abnormal eye-contact perception in schizophrenia and bipolar disorder. Poster presented at the 28<sup>th</sup> Association for Psychological Science (APS) Annual Convention, Chicago, IL.

**Yao, B.**, Mueller, S., Grove, T. B., Taylor, S. F., Deldin, P. J., & Tso, I. F. (May 2016). Self-referential bias in gaze perception in schizophrenia and bipolar disorder. Poster presented at the 27<sup>th</sup> Annual Albert J. Silverman Research Conference, Ann

Arbor, MI.

Tso, I. F., **Yao, B.**, & Taylor, S. F. (December 2015). Hyperactivation of salience network during eye gaze perception in Schizophrenia. Poster presented at the American College of Neuropsychopharmacology (ACNP) Annual Meeting, Hollywood, FL.

**Yao, B.**, Mueller, S., Grove, T. B., & Tso, I. F. (May 2015). Abnormal eye-contact perception: a phenomenon specific to schizophrenia or a trans-diagnostic deficit? Poster presented at the 26<sup>th</sup> Annual Albert J. Silverman Research Conference, Ann Arbor, MI.

Martin, D., **Yao, B.**, Angstadt, M., Peltier, S. J., Taylor, S. F., & Tso, I. F. (April 2015). Neural mechanism of eye gaze perception in psychosis. Poster presented at the University of Michigan Psychology Undergraduate Research Forum, Ann Arbor, MI.

**Yao, B.**, Mueller, S., Grove, T. B., & Tso, I. F. (March 2015). Abnormal eye-contact perception: a phenomenon specific to schizophrenia or a trans-diagnostic deficit? Poster presented at the 15<sup>th</sup> International Congress on Schizophrenia Research (ICOSR), Colorado Springs, CO.

Tso, I. F., **Yao, B.**, Angstadt, M., Peltier, S. J., & Taylor, S. F. (December 2014). Neural mechanisms of eye gaze perception: implications for treatment of schizophrenia. Poster presented at the American College of Neuropsychopharmacology (ACNP) Annual Meeting, Phoenix, AZ.

Salvatore, J., Carbone, E., **Yao, B.** (June 2014). Causal evidence that disconfirming negative meta-stereotypes improves intergroup relations. Poster presented at the Society for the Psychological Study of Social Issues (SPSSI) 2014 Biennial Conference, Portland, OR.

**Yao, B.** & Deutsch, F. (March 2013). Gender differences in faculty attrition. Poster presented at the Eastern Psychological Association (EPA) 2013 Annual Meeting, New York, NY.

## Research and Training Experience

June 12, 2017	<b>Meta-analysis workshop</b> , Dr. Andrea Cipriani, University of Michigan, Ann Arbor, MI
August 4 - 15, 2014	<b>Training Course in fMRI</b> , University of Michigan, Ann Arbor, MI
June 17 - 19, 2014	<b>Event-Related Potential (ERP) Mini-Bootcamp</b> , Dr. Steve Luck, University of Michigan, Ann Arbor, MI
2013 - 2016	<b>Clinical Research Assistant</b> , University of Michigan, Ann Arbor, MI Supervisors: Ivy F. Tso, Ph.D., Stephan F. Taylor, M.D.

## Clinical Experience

### Graduate Training - Intervention

2017 - present **Student Clinician**, Michigan State University Psychological Clinic, East Lansing, Michigan  
Conducted outpatient individual therapy in a sliding-scale clinic with adolescent and young adults (ages 13-25) whose diagnoses included a wide range of disorder (e.g., ADHD, ODD, MDD, ASD, GAD, social anxiety, and personality disorder). Carried an average caseload of 3-4 clients per week and attended weekly 1.5-hour individual supervision. Attended biweekly 1-hour group supervision 2017-2018.

**Interventions:** Cognitive Behavioral Therapy (CBT), Dialectical Behavior Therapy (DBT)

**Supervisors:**

Timothy Goth-Owens, Ph.D.

September 2017 - May 2018

Chandra Grabill, Ph.D.

May 2018 - present

### Graduate Training - Assessment

2017 - present **Student Clinician**, Michigan State University Psychological Clinic, East Lansing, Michigan  
Conducted psychological assessments with adults to identify learning disabilities, ADHD, and other psychological disorders that interfere with academic performance and daily functioning. Gained proficiency in the administration, scoring, and interpretation of neuropsychological tests in the domains of intellectual abilities, academic achievement, executive functioning, memory, attention, and personality/emotional functioning. Each assessment included a fully integrated report and feedback session.

**Supervisors:** Natalie Moser, Ph.D. Timothy Goth-Owens, Ph.D.  
J. Keith Ostien, Ph.D.

### Additional Clinical Training

August 18 - 19, 2016 **Structured Interview for Psychosis-Risk Syndromes (SIPS/SOPS) training and certification**, Dr. Barbara Walsh, University of Michigan, Ann Arbor, Michigan

## Teaching and Mentoring Experience

### Teaching Assistantships

Fall 2017 Abnormal Psychology, Instructor: S. Alexandra Burt, Ph.D.  
Michigan State University, East Lansing, Michigan

Spring 2012 Grief and Loss Coping Intervention Program  
Counseling Clinic, East China Normal University, Shanghai, China

### **Guest Lectures**

Spring 2012 "Adolescent Peer Relationships"

Public Service Department, Linzi Shanghai Counseling, Shanghai, China

### **Research Mentoring Experience**

Michigan State University, East Lansing, Michigan

Aakash Dave, 2017 - present

Han Wang, 2017 - 2018

University of Michigan, Ann Arbor, Michigan

Dakota Martin, 2014 - 2015 (award for outstanding symposium poster)

Priti Patel, 2015 - 2016

### **Professional Activities**

#### **Mentored Journal Reviews**

Annals of the New York Academy of Sciences, JAMA Psychiatry

#### **Journal Reviews**

Child Psychiatry and Human Development

#### **Department Committee Positions**

2018 - present **Graduate student council**, cohort representative

Clinical Psychology Interest Group, Michigan State University,  
East Lansing, Michigan

2017 - present **Website Committee**, student representative

Clinical Psychology Interest Group, Michigan State University,  
East Lansing, Michigan

#### **Professional Affiliations**

2017 - present Society for Research in Psychopathology (SRP), associate member

2016 - present Association for Psychological Science (APS), student member

2013 - 2014 Eastern Psychological Association (EPA), student member