

# CHRISTOPHE GEORGE DELAY

delaychr@msu.edu | 316 Physics Road, East Lansing, MI 48824

## EDUCATION

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Current	M.A.	Michigan State University, East Lansing, Michigan Major: Clinical Science Thesis: <i>Investigating Transdiagnostic Mechanisms of Negative Symptoms in Bipolar Disorder and Schizophrenia through Pupil Metrics</i> Advisor: Katharine Thakkar, Ph.D.
2019	B.S.	University of California, San Diego, California Major: Clinical Psychology (Honors Designation) Minor: Business Senior Thesis: <i>Discrete-State Versus Continuous Models of the Confidence-Accuracy Relationship in Recognition Memory</i> Advisor: John Wixted, Ph.D.

## AWARDS

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Undergraduate Research Fellowship, University of California, San Diego, 2018  
Honors Psychology Student, Psychology Department, University of California, San Diego, 2017-2019  
9-time Provost Honors recipient from UCSD Revelle College, University of California, San Diego, March 2016, June 2016, Dec 2017, March 2017, March 2018, June 2018, Dec 2019, March 2019, June 2019

## TEACHING EXPERIENCE

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8/2022 – 1/2023      Teaching Assistant: Michigan State University (MSU), East Lansing, Michigan  
Hosted regular weekly office hours for 3 sections (Abnormal Psychology); Responded to student questions and concerns via e-mail; Managed D2L and Achieve quizzes and gradebooks; Sent out weekly reminders for quizzes and assignments; Lectured a section on Post-Traumatic Stress Disorder; Scored and graded extra credit assignments.

## RESEARCH EXPERIENCE

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1/2023 – present      Research Assistant: Michigan State University (MSU) Clinical Neuroscience Lab  
Administered and scored structured clinical interviews of individuals with schizophrenia spectrum and mood disorders (net-SCID); Administered and scored symptom interviews (SAPS, SANS, BPRS); Developed skills in MATLAB (pupil data processing); Assisted with co-mentoring of an undergraduate student (UURAF presentation); Performed a literature search on GMM techniques; Co-Reviewed two manuscripts; Participated in weekly SCID discussion meetings and presented at two lab meetings; Prepared an abstract submission for an upcoming conference.  
Supervisor: Katharine Thakkar, Ph.D.

1/2022 - 8/2022      Research Assistant: Neurocognition and Movement Lab, Veterans Medical Research Foundation (VMRF), La Jolla, CA  
Recruited, screened, and scheduled participants with Parkinson's Disease or Traumatic Brain Injury; Administered and scored neuropsychological assessments (including JLOT,

BNT-15, Fluency, Digit Span, CVLT, DRS, etc.); Maintained participant databases (using REDCap and Excel); Assisted with MRI screening and administration.  
Supervisor: Dawn Schiehser Ph.D.

9/2019 - 1/2022

Research Assistant: UC San Diego Granholm Lab, University of California, San Diego Health.

Recruited and screened participants with schizophrenia or schizoaffective disorder or Alzheimer's disease via phone and in-person visits at assisted living facilities; Contacted participants for follow-up visits, provided reminder calls, and developed soft skills to assist with technical difficulties and study questions; Conducted neuropsychological and symptom assessments of over 40 participants suffering from schizophrenia/schizoaffective disorder (including measures such as the CAINS, QLS, PANSS, MINI, Pupil eye tracking and BACS); Created and maintained a working database of all data in two projects; Coded, cleaned, and entered neuropsychological and behavioral data of participants into study databases (using data collection tools such as RedCap) for two projects; Processed, quality controlled, and entered pupil and Ecological Momentary Assessment (EMA) data for two projects using MATLAB and Python; Developed and assisted in the formation of APA manuscripts and an IRB amendment, created reference lists using EndNote, and analyzed pupil data using SPSS; Assisted with scheduling and screening of participants with Alzheimer's Disease for lumbar punctures.  
Supervisor(s): Eric Granholm, Ph.D.; Jason Holden, Ph.D.

2017 – 2020

Independent Research Assistant: Learning and Instruction in Multimedia Environments (LIME) Lab, University of California, San Diego

Designed and conducted three original, experimental studies to evaluate the effects of animations on learning from video lessons; Collected, coded, and analyzed data from 800+ participants, using Excel and JMP; Wrote a complete APA manuscript for journal submission and presented findings at an undergraduate research conference.  
Supervisor: Emma Geller, Ph.D.

2018 – 2019

Research Assistant: Telemental Health Research Lab, VA San Diego Health Care System (VASDHS), La Jolla, CA

Coded, quality controlled, and entered data of participants suffering from PTSD into appropriate Microsoft Access databases; Assisted in the creation of an APA manuscript by creating reference lists, conducting a literature search, and presenting findings at a traumatic studies conference; Attended weekly scholars' meetings to propose future studies as well as present posters for two future conferences.  
Supervisor: Leslie Morland, Psy.D.

2018 – 2019

Honors Psychology Research Assistant: Wixted Memory Lab, University of California, San Diego

Designed and conducted an original study to evaluate the viability of two distinct memory models; Collected, coded, and analyzed data of 36 participants using MATLAB and Excel; Wrote a complete APA manuscript for journal submission and presented findings at an honors psychology poster session.

## **PUBLICATIONS**

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**Delay, C. G., & Wixted, J. T.** (2020) Discrete-state versus continuous models of the confidence-accuracy relationship in recognition memory. *Psychonomic Bulletin & Review*, 1-9.

Khalifian, C. E., Bosch, J., Knopp, K., **Delay, C.**, Sohn, M. J., & Morland, L. A. (2022). Adverse childhood experiences, mental health, and relationship satisfaction in military couples. *Journal of Family Psychology*.

**Delay, C.**, Chen, T., Geller, E. (In-Prep) The Effects of Animation on Multimedia Learning. Unpublished manuscript

## **CONFERENCE PRESENTATIONS**

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### **Poster Presentations**

Granholm, E., Elman, J.A., Galasko, D., Kremen, W., Salmon, D., Holden, J., **Delay, C.**, Macomber, A., Link, P. and Bondi, M. (2021, July). *Pupillary Responses as a Biomarker of Early Risk for Alzheimer's Disease*. Poster presented at Alzheimer's Association International Conference (AAIC): July 26-30, 2021; Denver, CO and Online

**Delay, C.**, Holden, J., Link, P., Granholm, E. (2021, September). *Using Pupillometry to Predict Outcome in CBT for Negative Symptoms in Schizophrenia*. Poster presented at the Society for Research in Psychopathology (SRP) Annual Meeting: September 23-26, 2021; Online.

**Delay, C.**, Bosch, J., Khalifian, C., Sohn, M., Morland, L. (2019, November). *The effects of adverse childhood experiences on military couples*. Poster presented at the 35<sup>th</sup> Annual International Society for Traumatic Stress Studies (ISTSS): November 14-16, 2019; Boston, Massachusetts.

**Delay, C. & Wixted, J.T.** (2019, June). *Low Threshold Theory vs. Signal Detection Theory*. Poster presented at the UC San Diego Psychology Honors Poster Session: June 5, 2019; San Diego, CA.

**Delay, C. & Geller, E.H.** (2019, May). *The effect of "seductive animations" on multimedia learning*. Poster presented at the 28<sup>th</sup> Annual UCLA Psychology Undergraduate Research Conference (PURC): May 10, 2019; Los Angeles, CA.

## **VOLUNTEERING EXPERIENCE**

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1/2019 - 6/2019

Mentor: University of California, San Diego Honors Student Mentor  
Bi-Weekly mentorship of two first year honors students  
Supervisor: Emma Geller, Ph.D.

2016 – 2018

Operations Manager: Active Minds, University of California, San Diego, La Jolla, CA  
Oversaw, organized, and directed the logistics of general body meetings and small-to-medium scale mental health events; Served as the primary spokesperson and advocate for mental health on campus through tabling, member meetings and educating teaching assistants; Oversaw and organized three larger scale projects (Pinwheel Project, PostSecretU, Decompresso) through two years of service.