

# Xavier Celaya

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## Education

PhD Psychology | ARIZONA STATE UNIVERSITY

In Progress | GPA: 4.0

MA Psychology | ARIZONA STATE UNIVERSITY

Completion date: 05/08/2023 | GPA: 4.0

BA Psychology, Minor Family & Human Development | ARIZONA STATE UNIVERSITY

Completion date: 05/11/2020 | GPA: 3.81

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## Academic Honors, Awards, and Scholarships

**2023** | J. Frank Yates Student Conference Award – Psychonomic Society

**2022** | Graduate College Q4 Travel Award

**2021-2023** | Presidential Scholar's Fellowship Award

**2016-2020** | Dean's List Recognition

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## Manuscripts & Under Review

Bang, D., Luo, Y., Barbosa, L.S., Batten, S.R., Hadj-Amar, B., Twomey, T., Melville, N., White, J.P., Torres, A.S., **Celaya, X.L.**, Ramaiah, P., McClure, S.M., Brewer, G.A., Bina, R.W., Lohrenz, T., Casas, B., Chiu, P., Vannucci, M., Kishida, K.T., Witcher, M.R., & Montague, P.R. (2023) Noradrenaline tracks emotional modulation of attention in human amygdala. *Current Biology*.

**Celaya, X.L.**, Brewer, G.A., Meier, M.H., & Lewis, C.R. (2023) The effect of high-potency cannabis on prospective memory. (Master's Thesis, Arizona State University)

Robison, M.K., **Celaya, X.L.**, Brewer, G.A., & Ball, B.H. (2023) Task sequencing does not systematically affect the factor structure of cognitive abilities. *Psychonomic Bulletin & Review*.

Jacoby, V., Walenchok, S., **Celaya, X.L.**, & Homa, D. (2020). Blocked vs. Distributed Category Learning: Much Ado?

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## Presentations

**Celaya, X.L.**, Robison, M.K., Ball, B.H., & Brewer, G.A. (2023) *Task sequencing does not systematically affect the factor structure of cognitive abilities*. Presented at Psychonomic Society, San Francisco, CA.

Melville, N., Lohrenz, T., White, J.P., Barbosa, L.S., Twomey, T., Batten, S.R., Ball, S., Levy, I., Torres A.S., **Celaya, X.L.**, Bina, R.W., Witcher, M., Brewer G.A., McClure, S.M., Montague, P.R., Chiu, P., & Casas, B. (2023). *Dopamine and Norepinephrine in Amygdala During Risky Choice*. Presented at the Interdisciplinary symposium on Decision Neuroscience, Philadelphia, PA.

**Celaya, X.L.**, Torres, A.S., Bina, R.W., McClure, S.M., Bae, G.Y., Barbosa, L.S., Lohrenz, T., Twomey, T., Batten, S.R., Brewer, G.A., & Montague, P.R. (2023). *Using Machine-Learning Enhanced Voltammetry to Assess Dopaminergic Signaling During Working Memory Gating & Maintenance*. Presented at Cognitive Neuroscience Society, San Francisco, CA.

**Celaya, X.L.** & Brewer, G.A. (2022) *An Examination of the Impact of Drug-Use History on Prospective Memory*. Presented at Psychonomic Society, Boston, MA

**Celaya, X.L.** & Brewer, G.A. (2022) *An Examination of the Impact of Drug-Use History on Prospective Memory*. Presented at Cognitive Neuroscience Society, San Francisco, CA

**Celaya, X.L.** & Brewer, G.A. (2021) *A Proposed Study to Examine Drug-Use History and Event-Based Prospective Memory*. Presented at International Prospective Memory Symposium

## Teaching Experience

**ENERGIZE MENTOR | ASU | FALL 2021 - Present**

ENERGIZE Research Initiative, Dept. Psychology

**TEACHING ASSISTANT | ASU | FALL 2023**

College of Liberal Arts and Sciences, Online Undergraduate Research Scholars | Dr. Gene Brewer

**TEACHING ASSISTANT | ASU | SPRING 2023**

College of Liberal Arts and Sciences, Online Undergraduate Research Scholars | Dr. Gene Brewer

**TEACHING ASSISTANT | ASU | FALL 2022**

College of Liberal Arts and Sciences, Online Undergraduate Research Scholars | Dr. Gene Brewer

**TEACHING ASSISTANT | ASU | FALL 2022**

Dept. Psychology, PSY 535 Cognitive Processes | Dr. Gene Brewer

**TEACHING ASSISTANT | ASU | FALL 2021**

Dept. Psychology, PSY 302 Psychology of Positive Leadership | Dr. Robert Short

**TEACHING ASSISTANT | ASU | FALL 2021**

School of Social and Family Dynamics, SOC 390 Social Statistics | Dr. Holly O'Rourke

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## Service

**2020-2023** | Bridging Brains Outreach Initiative

**2022** | Graduate Recruitment for ASU Cognitive Science Area