

EDUCATION

Harvard University

Ph.D. in Psychology (Cognition, Brain, & Behavior)

2022 - Present

Advisor: Dr. Leah Somerville

University of Southern California

M.S. in Biostatistics

2020 - 2022

Thesis: Emotion Perception & Structural Brain Differences in Youth with Congenital Adrenal Hyperplasia

Advisor: Dr. Megan Herting

B.A. in Cognitive Science, *magna cum laude*

2018 - 2022

WORK EXPERIENCE

Harvard University

Affective Neuroscience & Development Laboratory (PI: Dr. Leah Somerville)

August 2022 - Present

Graduate Research Assistant

University of Southern California

Herting Neuroimaging Laboratory (PI: Dr. Megan Herting)

November 2020 - July 2022

Research Assistant

Social Development Laboratory (PI: Dr. David Schwartz)

September 2019 - July 2022

Research Assistant

PUBLICATIONS IN SCHOLARLY JOURNALS

- Omary, A.**, Khalifeh, N., Cotter, D., Kim, M. S., Choudhury, F., Ahmadi, H., Geffner, M. E., & Herting, M. M. (2023). Altered Emotion Perception Linked to Structural Brain Differences in Youth with Congenital Adrenal Hyperplasia. *Journal of Clinical Endocrinology & Metabolism*. <https://doi.org/10.1210/clinem/dgad158>
- Schwartz, D., Ryjova, Y., Luo, T., Malamut, S. T., Zhang, M., Taylor, L. M., & **Omary, A.** (2022). Social Adjustment of Problem-Talk Partners Moderates Associations Between Self-Perceived Victimization and Depressive Symptoms. *Research on Child and Adolescent Psychopathology*. <https://doi.org/10.1007/s10802-022-00992-4>
- Richie-Halford, A., Cieslak, M., Ai, L., Caffarra, S., Covitz, S., Franco, A. R., Karipidis, I. I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V. J., Yeatman, J., The Fibr Community Science Consortium (incl. **Omary, A.**), Satterthwaite, T. D., & Rokem, A. (2022). An Analysis-Ready and Quality Controlled Resource for Pediatric Brain White-Matter Research. *Scientific Data*, 9(616) <https://doi.org/10.1038/s41597-022-01695-7>

3. Khalifeh, N., **Omary, A.**, Cotter, D., Kim, M. S., Geffner, M. E., & Herting, M. M. (2022). Congenital Adrenal Hyperplasia and Brain Health: A Systematic Review of Structural, Functional, and Diffusion MRI Investigations. *Journal of Child Neurology*. <https://doi.org/10.1177/08830738221100886>
 2. Kennedy, B., Atari, M., Davani, A.M., Yeh, L., Omrani, A., Kim, Y., Koomb, K., Havaladar, S., Portillo-Wightman, G., Gonzalez, E., Hoover, J., **Omary, A.**, ... Dehghani, M. (2022). Introducing the Gab Hate Corpus: Defining and Applying Hate-Based Rhetoric to Social Media Posts at Scale. *Language Resources & Evaluation*, 56. <https://doi.org/10.1007/s10579-021-09569-x>
 1. Schwartz, D., Fritz, H. L., Kelleghan, A. R., Ryjova, Y., **Omary, A.**, Taylor, L. M., & Luo, T. (2021). Adolescents Who Are Nonusers of Fashionable Social Networking Platforms. *Cyberpsychology*, 15(3). <https://doi.org/10.5817/CP2021-3-7>
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ACADEMIC CONFERENCE PRESENTATIONS

12. **Omary, A.**, Flournoy, J. C., Baum, G. L., Curtis, M., Barch, D. M., HCP-D Consortium, & Somerville, L. H. (Under review). *Longitudinal Changes in Pubertal Development, Hormones, and Neural Reward Response in the HCP-D Study* [Poster presentation]. Flux 2023 Conference.
11. **Omary, A.**, Heffer, T., Flournoy, J. C., Baum, G. L., Curtis, M., Colich, N. L., Mair, P., Barch, D. M., HCP-D Consortium, & Somerville, L. H. (2023, April 27-29). *Testing The Mediating Role of Pubertal Hormones on Age-Related Changes and Sex Differences in Adolescent Behavioral Inhibition and Activation* [Poster presentation]. Social & Affective Neuroscience Society 2023 Conference.
10. Curtis, M., Flournoy, J., Kandala, S., Sanders, A., Harms, M. P., **Omary, A.**, Somerville, L. H., HCP-D Consortium, & Barch, D.M. (2023, April 27-29). *Developmental Pubertal and Hormone Trajectories and Relationships with Brain Structure* [Poster presentation]. Society of Biological Psychiatry 2023 Conference.
9. Heffer, T., **Omary, A.**, Flournoy, J.C., Baum, G.L., Barch D.M., HCP-D Consortium, Somerville, L.H. (2023, March 30 - April 1). *The Impact of Reward and Punishment History on Response Inhibition from Childhood to Early Adulthood* [Poster presentation]. Society for Affective Science 2023 Conference.
8. **Omary, A.**, Cardenas-Iniguez, C., Cotter, D., Sukumaran, K., & Herting, M. M. (2022, November 12-16). *Effects of Social & Environmental Stressors on Resting-State Functional Connectivity in the ABCD Study* [Poster presentation]. Society for Neuroscience 2022 Conference.
7. **Omary, A.**, Taylor, L. M., Stone, A., & Schwartz, D. (2022, February 16-19). *Online Dating App Usage and Mental Health during the COVID-19 Pandemic* [Poster presentation]. Society for Personality & Social Psychology 2022 Convention.
6. Taylor, L. M., **Omary, A.**, Stone, A., & Schwartz, D. (2022, February 16-19). *Body Image as Moderated by Social Media Use Subtypes* [Poster presentation]. Society for Personality & Social Psychology 2022 Convention.
5. Stone, A., **Omary, A.**, Taylor, L. M., Troop-Gordon, W., & Schwartz, D. (2022, February 16-19). *Medical, Racial, and Political Stressors: Mental Health Implications of the COVID-19 Pandemic* [Poster presentation]. Society for Personality & Social Psychology 2022 Convention.
4. **Omary, A.**, Kim, M. S., & Herting, M. M. (2021, December 13-15). *Altered Emotion Perception Linked to Structural Brain Differences in Youth with Congenital Adrenal Hyperplasia* [Poster presentation]. Society for Social Neuroscience 2021 Conference.

3. **Omary, A.**, Kim, M. S., & Herting, M. M. (2021, April 12-16). *Emotive Image Perceptions in Youth with Congenital Adrenal Hyperplasia* [Poster presentation]. USC 2021 Undergraduate Symposium for Scholarly & Creative Work.
 2. **Omary, A.**, Atari, M., & Dehghani, M. (2021, February 9-13). *Bottom-up Conceptions of Morality: A Qualitative Analysis* [Poster presentation]. Society for Personality & Social Psychology 2021 Convention.
 1. Karimi-Malekabadi, F., **Omary, A.**, & Dehghani, M. (2021, February 9-13). *Moral Values, Intrasexual Rivalry, and Mate Retention Tactics in Iran* [Poster presentation]. Society for Personality & Social Psychology 2021 Convention.
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PUBLICATIONS IN POPULAR PRESS

18. **Omary, A.** (2023, April 12). [How Uncertainty Causes Anxiety](#). *Psychology Today*.
17. **Omary, A.** (2023, February 20). [The Evolution of the Love Hormone](#). *Psychology Today*.
16. **Omary, A.** (2023, January 17). [Not All Sex Differences Are Created Equal](#). *Psychology Today*.
15. **Omary, A.** (2022, November 25). [How We Measure Risk-Taking in the Brain](#). *Psychology Today*.
14. **Omary, A.** (2022, October 29). [How Babies Detect Social Bonds](#). *Psychology Today*.
13. **Omary, A.** (2022, October 12). [Is Memory Transfer Possible?](#) *Psychology Today*.
12. **Omary, A.** (2022, October 6). [A Recipe for Responsible Teenagers](#). *Psychology Today*.
11. **Omary, A.** (2022, September 30). [How Stereotypes About Teens Cause Harm](#). *Psychology Today*.
10. **Omary, A.** (2022, September 23). [What Does Entropy Have to Do With Psychology?](#) *Psychology Today*.
9. **Omary, A.** (2022, September 17). [What Happens to Your Brain if You Lose an Arm?](#) *Psychology Today*.
8. **Omary, A.** (2022, September 9). [Tickling Rats in the Name of Science](#). *Psychology Today*.
7. **Omary, A.**, & Ford, N. (2022, September 2). [Understanding Dopamine Can Help Us Create Better Habits](#). *Psychology Today*.
6. **Omary, A.** (2022, August 25). [Is Kindness Genetically Predetermined?](#) *Psychology Today*.
5. **Omary, A.** (2022, August 17). [What Primates Can Teach Us About Gender](#). *Psychology Today*.
4. **Omary, A.** (2022, August 10). [Feeling Irritable This Summer? Blame the Heat](#). *Psychology Today*.
3. **Omary, A.** (2022, August 2). [The Science of Happiness](#). *Psychology Today*.
2. **Omary, A.** (2022, July 26). [Is Music Really Auditory Cheesecake?](#) *Psychology Today*.
1. **Omary, A.** (2022, July 19). [The Awesome Psychology of Awe](#). *Psychology Today*.

HONORS & AWARDS

University of Southern California

QuestBridge Scholar (<i>Full Scholarship, ~\$260,000</i>)	2018 - 2022
Dean's List	Spring 2019 - Spring 2022
Summer Undergraduate Research Fellowship (<i>\$3000</i>)	Summer 2021
Provost's Undergraduate Research Fellowship (<i>\$3000</i>)	Summer 2020
Student Opportunities for Academic Research Grant (<i>\$500</i>)	Spring 2020
Summer Undergraduate Research Fellowship (<i>\$3000</i>)	Summer 2019
Abrams Attridge Scholarship (<i>\$500</i>)	Fall 2018

Extramural

UW Summer Institute in Statistical Genetics Scholarship (<i>Full Tuition, \$900</i>)	Summer 2021
SPSP Undergraduate Diversity Registration Award (<i>\$50</i>)	February 2021

LEADERSHIP & MENTORSHIP EXPERIENCE

Harvard University

Harvard Mind Brain Behavior Interfaculty Initiative <i>Undergraduate Thesis Workshop Leader</i>	September 2022 - Present
Department of Psychology <i>Diversity, Inclusion, & Belonging Committee Member</i>	October 2022 - Present
Prospective Ph.D. & RA Event in Psychology <i>Graduate Student Mentor & Panelist</i>	October 2022
Project TEACH <i>Presenter, "Myths & Facts About the Brain"</i>	October 2022

University of Southern California

Omega Psi: International Honor Society in Cognitive Science <i>President</i>	January 2021 - May 2022
Graduate Society for Biostatistics and Epidemiology <i>Treasurer</i>	August 2021 - May 2022

Mentorship & Volunteer Experience

QuestBridge Scholars Network	2018 - Present
ScholarMatch	June 2018 - Present
Project SHORT	June 2022 - Present
NextGen Psych Scholars Program	June 2022 - Present
Psychin' Out	June 2022 - Present
Letters to a Pre-Scientist	September 2022 - Present
Skype a Scientist	November 2021 - Present
Application Statement Feedback Program	October 2022
CollegePoint Ambassadors Program	January 2019 - May 2022

PUBLIC OUTREACH

<u>The Nature & Nurture Podcast</u> <i>Host</i>	April 2021 - Present
<u>Psychology Today</u> <i>Contributing Writer</i>	July 2022 - Present
UCLA First-Generation/Low Income Graduate Healthcare Track Conference <i>Panelist</i>	April 2021
Stanford First-Generation/Low Income College Student Conference <i>Presenter, "Maximizing Engagement Within the FLI Community"</i>	February 2020
ScholarMatch Annual Convening <i>Presenter, "QuestBridge 101"</i>	July 2019
Princeton CollegePoint Convening <i>Presenter, "QuestBridge 101"</i>	August 2018
ScholarMatch Annual Convening <i>Panelist</i>	July 2018

PROFESSIONAL AFFILIATIONS

Omega Psi: International Honor Society in Cognitive Science	September 2019 - Present
Psi Chi: International Honor Society in Psychology	April 2020 - Present
Cognitive Science Society	July 2020 - Present
Society for Neuroscience	June 2022 - Present
Heterodox Academy	August 2022 - Present
Social & Affective Neuroscience Society	December 2022 - Present
Flux Society for Developmental Cognitive Neuroscience	April 2023 - Present
Society for Personality and Social Psychology	August 2020 - May 2022
American Psychological Association	July 2021 - May 2022

SKILLS & CERTIFICATIONS

Programming: R, MATLAB, SAS, SPSS

Statistical: Frequentist and Bayesian Generalized Linear Mixed Effects Models, Generalized Additive Models, Principal Component Analysis, Exploratory & Confirmatory Factor Analysis, Longitudinal Mediation

Software: Microsoft Office Suite (Word, Excel, PowerPoint), PhotoShop, iMovie, LaTeX, WordPress

Certifications:

Health Insurance Portability and Accountability Act (HIPAA), *University of Southern California (USC)*

Collaborative Institutional Training Initiative (CITI), *Harvard University, USC*

Research Conduct Training

Human Subjects Training

Programming in MATLAB, *Vanderbilt University*

Crisis Counselor Training, *Crisis Text Line*