

## Jessica Uy

Postdoctoral Scholar, Psychology

### Bio

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#### STANFORD ADVISORS

- Ian Gotlib, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Depressive Symptoms Are Associated with Altered Development of Amygdala-Ventrolateral Prefrontal Connectivity During Implicit Emotion Regulation Across Adolescence.** *Biological psychiatry*  
Uy, J. P., Yuan, J. P., Joachimsthaler, J., Gotlib, I. H.  
2026
- **Childhood gut microbiome is linked to internalizing symptoms at school age via the functional connectome.** *Nature communications*  
Querdasi, F. R., Uy, J. P., Labus, J. S., Xu, J., Karnani, N., Tan, A. P., Broekman, B. B., Gluckman, P. D., Chong, Y. S., Chen, H., Fortier, M. V., Daniel, L. M., Yap, et al  
2025; 16 (1): 9359
- **Pollution burden and trajectories of pubertal development: Implications for sleep disturbances and depressive symptoms.** *Psychoneuroendocrinology*  
Uy, J. P., Shenoy, T. N., Lee, Y., Buthmann, J. L., Gotlib, I. H.  
2025; 181: 107586
- **Maternal Childhood Maltreatment, Development of Amygdala Volume, and Anxiety Symptoms in Offspring.** *Journal of the American Academy of Child and Adolescent Psychiatry*  
Uy, J. P., Parks, K. C., Tan, A. P., Fortier, M. V., Meaney, M., Chong, Y. S., Gluckman, P., Eriksson, J. G., Gotlib, I. H.  
2025
- **Exposure to diesel-related particulate matter, cortisol stress responsivity, and depressive symptoms in adolescents.** *Psychoneuroendocrinology*  
Uy, J. P., Shin, K., Buthmann, J. L., Kircanski, K., LeMoult, J., Berens, A. E., Gotlib, I. H.  
2024; 171: 107214
- **Effects of Pollution Burden on Neural Function During Implicit Emotion Regulation and Longitudinal Changes in Depressive Symptoms in Adolescents.** *Biological psychiatry global open science*  
Uy, J. P., Yuan, J. P., Colich, N. L., Gotlib, I. H.  
2024; 4 (4): 100322
- **Associations among early life adversity, sleep disturbances, and depressive symptoms in adolescent females and males: a longitudinal investigation.** *Journal of child psychology and psychiatry, and allied disciplines*  
Uy, J. P., Gotlib, I. H.  
2023
- **Sex Differences in the Interaction of Epigenetic Risk and Trajectories of Default Mode Limbic Network Integration Predicting Childhood Anxiety.** *Research square*  
Parks, K., Uy, J., Buthmann, J., Tao, X., Tan, A. P., Gotlib, I.  
2026

- **Maternal mood entropy and children's hippocampal development: Enduring versus transient effects.** *Development and psychopathology*  
Jennings, K. E., Juarez, D. G., Uy, J. P., Buthmann, J. L., Chong, Y. S., Gluckman, P. D., Eriksson, J. G., Fortier, M. V., Chen, H., Meaney, M. J., Tan, A. P., Gotlib, I. H., Miller, et al  
2026: 1-14
- **Changes in Subjective Social Status From Early to Late Adolescence: Implications for Mental and Physical Health.** *The Journal of adolescent health : official publication of the Society for Adolescent Medicine*  
Rocha, S., Uy, J. P., Gotlib, I. H.  
2026
- **The effects of daily air pollution on affect in adolescents: An ecological momentary assessment study.** *Journal of affective disorders*  
Rocha, S., Antonacci, C., Uy, J. P., Gotlib, I. H.  
2026; 403: 121502
- **Adolescents' Perceptions of Parenting Behaviors Mediate the Association of Maternal Childhood Abuse With Adolescent Externalizing Behaviors** *TRANSLATIONAL ISSUES IN PSYCHOLOGICAL SCIENCE*  
Parks, K. C., Buthmann, J. L., Uy, J. P., Gotlib, I. H.  
2025; 11 (4): 477-490
- **Adolescents' Perceptions of Parenting Behaviors Mediate the Association of Maternal Childhood Abuse with Adolescent Externalizing Behaviors.** *Translational issues in psychological science*  
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2025; 11 (4): 477-490
- **Value-Based Cognitive Control Moderates the Relation of Inflammation with Depression in Adolescents.** *Social cognitive and affective neuroscience*  
Yuan, J. P., Miller, J. G., Joachimsthaler, J., Uy, J. P., Ho, T. C., Gotlib, I. H.  
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- **Psychobiological mechanisms underlying the association between early life stress and depression in adolescence.** *Molecular psychiatry*  
Gotlib, I. H., Uy, J. P., Buthmann, J. L., Pine, D. S.  
2025
- **Frontolimbic Connectivity and Threat-Related Psychopathology: A Data-Driven Test of Models of Early Adversity.** *Developmental psychobiology*  
Antonacci, C., Buthmann, J. L., Uy, J. P., Khosravi, P., Lee, Y., Gotlib, I. H.  
2025; 67 (5): e70080
- **Exposure to Fine Particulate Matter During Pregnancy Is Associated With Hippocampal Development in Offspring.** *Biological psychiatry global open science*  
Buthmann, J. L., Benmarhnia, T., Huang, J. Y., Huang, P., Miller, J. G., Uy, J. P., Gluckman, P. D., Fortier, M. V., Chong, Y. S., Tan, A. P., Meaney, M. J., Gotlib, I. H.  
2025; 5 (4): 100490
- **Age Moderates the Association Between Internalizing Symptoms and Ventrolateral Prefrontal Cortex Activation During Value-Contingent Cognitive Control in Typically-Developing Adolescents**  
Joachimsthaler, J., Yuan, J. P., Miller, J. G., Uy, J. P., Gotlib, I. H.  
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- **Effects of Pollution Burden on Neural Function During Implicit Emotion Regulation and Longitudinal Changes in Depressive Symptoms in Adolescents** *BIOLOGICAL PSYCHIATRY: GLOBAL OPEN SCIENCE*  
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- **Socioeconomic Disadvantage Moderates the Association of Systemic Inflammation with Amygdala Volume in Adolescents Over a Two-Year Interval: An Exploratory Study.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*  
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2024
- **Microbiome-Gut-Brain Axis and Internalizing in Early Childhood**

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- **The cortisol/DHEA ratio mediates the association between early life stress and externalizing problems in adolescent boys.** *Psychoneuroendocrinology*  
Lee, Y., Donahue, G. Z., Buthmann, J. L., Uy, J. P., Gotlib, I. H.  
2024; 165: 107034
- **The growing interdisciplinarity of developmental psychopathology: Implications for science and training.** *Development and psychopathology*  
Gotlib, I. H., Buthmann, J. L., Uy, J. P.  
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- **Early life stress predicts trajectories of emotional problems and hippocampal volume in adolescence.** *European child & adolescent psychiatry*  
Buthmann, J. L., Miller, J. G., Uy, J. P., Coury, S. M., Jo, B., Gotlib, I. H.  
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- **Early life stress, sleep disturbances, and depressive symptoms during adolescence: The role of the cingulum bundle.** *Developmental cognitive neuroscience*  
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- **Early Life Stress Predicts Adolescent Trajectories of Emotional Problems and Hippocampal Volume**  
Buthmann, J., Jonas, M. G., Coury, S., Uy, J., Gotlib, I.  
ELSEVIER SCIENCE INC.2023: S86