

**Tiffany Cheing Ho, Ph.D.**  
*Curriculum Vitae*

Department of Psychology  
Stanford University  
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## EDUCATION

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2008 – 2012                      **University of California, San Diego**  
Ph.D. in Psychology (emphasis in Cognitive Neuroscience)

2002 – 2006                      **University of California, Berkeley**  
B.A. in Cognitive Science (concentration in Neuroscience)  
Minor in English (concentration in 20<sup>th</sup> Century Literature)

## ACADEMIC POSITIONS & TRAINING

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August 2018 – Present            **Stanford University, Department of Psychiatry & Behavioral Sciences**  
Instructor

Jan 2016 – July 2018            **Stanford University, Department of Psychology**  
Postdoctoral Researcher (PI: Ian Gotlib)

Sept 2012 – Dec 2015           **University of California, San Francisco, Department of Psychiatry**  
Postdoctoral Researcher (PI: Tony Yang)

## HONORS AND AWARDS

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2017                                  Henzl-Gabor Travel Award, *Stanford Office of Postdoctoral Affairs*

2017                                  Depression Fellow, *Klingenstein Third Generation Foundation*

2016                                  Travel Award, *American College of Neuropsychopharmacology*

2016                                  Scholar Award, *Career Development Institute for Psychiatry*

2015                                  Early Career Investigator Travel Award, *Society of Biological Psychiatry*

2014                                  Postdoctoral Fellow Travel Award, *Society for Neuroscience*

## ACTIVE OR PENDING GRANTS

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Nov 2018 – May 2019            **Stanford Child Health Research Institute K Award Support Program**  
Title: *The Roles of Inflammatory and Glutamatergic Processes in the Neurodevelopmental Mechanisms Underlying Adolescent Depression*  
Total Amount: \$20,000  
Role: PI

## **Tiffany Cheing Ho, Ph.D.**

- August 2018 – July 2019     **Stanford Child Health Research Institute Early Career Award**  
Title: *Digital Phenotyping of Adolescent Depression*  
Total Amount: \$35,000  
Role: PI
- June 2018 – June 2022     **National Institute of Mental Health (K01MH117442)**  
Title: *The Roles of Inflammatory and Glutamatergic Processes in the Neurodevelopmental Mechanisms Underlying Adolescent Depression*  
Direct Costs: \$667,640  
Role: PI
- April 2018 – March 2023     **National Institute of Mental Health (R37MH101495)**  
Title: *Psychobiological Mechanisms Underlying the Association Between Early Life Stress and Depression Across Adolescence*  
Direct Costs: \$2,431,692  
Role: Key Personnel (PI: Gotlib)
- Nov 2017 – Oct 2019     **Stanford University Precision Health and Integrated Diagnostics Center**  
Title: *Multidimensional Predictors of Major Depressive Disorder and Suicidal Behaviors in High-Risk Adolescents*  
Total Amount: \$500,000  
Role: Co-I (PI: Gotlib)
- Sept 2017 – August 2019     **Klingenstein Third Generation Foundation**  
Title: *Understanding the Course of Adolescent Depression: Cytokines, Glutamate, Glutathione*  
Direct Costs: \$60,000  
Role: PI
- July 2017 – June 2019     **National Institute of Mental Health (R21MH111978)**  
Title: *The Role of Caregiver Social Processes on Neural and Endocrine Function in Infants*  
Direct Costs: \$275,000  
Role: Other Significant Contributor (PI: Gotlib)
- July 2017 – June 2019     **National Institutes of Health (R21HD090493)**  
Title: *Effects of Environmental Stimulation and Nurturance on Neural and Endocrine Function in Infants*  
Direct Costs: \$275,000  
Role: Other Significant Contributor (PI: Gotlib)

## **COMPLETED GRANTS**

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- March 2018 – Aug 2018     **Stanford Center for Cognitive and Neurobiological Imaging Seed Grant**  
Title: *Moderating Effects of Anti-Inflammatory Compounds on Associations Between Stress and Depression in Adolescents*

## Tiffany Cheing Ho, Ph.D.

Total Amount: \$2,000

Role: PI

May 2017 – May 2018

**Stanford University Lucas Center Pilot Seed Grant**

Title: *The Roles of Glutamate and Glutathione in Adolescent Stress and Depression*

Amount: \$15,000

Role: PI

March 2017 – Sept 2017

**Stanford Center for Cognitive and Neurobiological Imaging Seed Grant**

Title: *Glutamatergic Correlates of Adolescent Depression*

Amount: \$2,835

Role: PI

March 2016 – August 2016

**Stanford Center for Cognitive and Neurobiological Imaging Seed Grant**

Title: *White Matter Connectivity as a Predictor of Suicidal Behaviors in Youth Exposed to Early Life Stress*

Amount: \$7,000

Role: PI

Oct 2014 – March 2017

**American Foundation for Suicide Prevention (PDF-1-064-13)**

Title: *Functional Magnetic Resonance Imaging of Suicidal Ideation and Behavior in Adolescents*

Direct Costs: \$104,000

Role: PI

## PEER-REVIEWED PUBLICATIONS

(Google scholar statistics: 1066 citations, h-index: 15)

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trainees; \*co-first authors; #co-senior authors

*Accepted, in press, or published*

37. Humphreys KL, King LS, Sacchet MD, Camacho MC, Colich NL, Ordaz SJ, **Ho TC**, Gotlib IH (in press) Evidence for a sensitive period in the effects of early life stress on hippocampal volume. *Developmental Science*.

36. Schwartz J, Ordaz SJ, **Ho TC**, Gotlib IH (in press) Longitudinal decreases in suicidal ideation are associated with increases in salience network coherence in depressed adolescents. *Journal of Affective Disorders*.

35. Yuan J, Henje Blom E, Flynn T, Chen Y, **Ho TC**, Connolly CG, Dumont Walter R, Yang TT, Xu D, Tymofiyeva O (in press) Test-retest reliability of graph theoretic metrics in adolescent brains. *Brain Connectivity*.

34. **Ho TC**, Cichocki AC, Gifuni A, Camacho MC, Ordaz SJ, Singh MK, Gotlib IH (in press) Reduced dorsal striatum gray matter volume predicts implicit suicidal ideation in adolescents. *Social Cognitive and Affective Neuroscience*. <http://dx.doi.10.1093/scan/nsy089>

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33. LeWinn KZ, Strigo IA, Connolly CG, **Ho TC**, Henje Blom E, Sacchet MD, Tymofiyeva O, Weng HY, Simmons AN, Yang TT (2018) An exploratory examination of reappraisal success in depressed adolescents: preliminary evidence of functional differences in cognitive control brain regions. *Journal of Affective Disorders*. 240:155-164. PMC Journal – In Process.
32. Haft SL, Duong PH, **Ho TC**, Hendren RL, Hoeft F (in press) Anxiety and attentional bias in children with specific learning disorders. *Journal of Abnormal Child Psychology*. <http://dx.doi.10.1007/s10802-018-0458-y>
31. **Ho TC**, Dennis EL, Thompson PM, Gotlib IH (2018) Network-based approaches to examining stress in the adolescent brain. *Neurobiology of Stress*. 8:147-157. PMCID: PMC5991327.
30. Tymofiyeva O\*, Henje Blom E\*, **Ho TC**, LeWinn KZ, Connolly CG, Lin J, Lindqvist D, Wolkowitz OM, Sacchet MD, Epel ES, Han LKM, Yuan J, Bhandari S, Xu D, Yang TT (2018) High levels of mitochondrial DNA are associated with adolescent brain structural hypoconnectivity and increased anxiety but not depression. *Journal of Affective Disorders*, 232:283-290. PMC Journal – In Process.
29. Fischer AS, Camacho MC, **Ho TC**, Whitfield-Gabrieli S, Gotlib IH (2018) Neural markers of resilience in adolescent females at familial risk for major depressive disorder. *JAMA Psychiatry*. PMC Journal – In Process. **Featured commentary by Katie Bessette, Katie Burkhouse, and Scott Langenecker in JAMA Psychiatry.**
28. Ordaz SJ, Goyer MS, **Ho TC**, Singh MK, Gotlib IH (2018) Network basis of suicidal ideation in depressed adolescents. *Journal of Affective Disorders*, 226:92-99. PMC Journal – In Process.
27. Colich NL, Williams ES, **Ho TC**, King LS, Humphreys KL, Price AN, Ordaz SJ, Gotlib IH (2017). The association between early life stress and prefrontal cortex activation during implicit emotion regulation is moderated by sex in early adolescence. *Development and Psychopathology*, 29(5):1851-1864. PMCID: PMC5726300.
26. Colich NL, **Ho TC**, Ellwood-Lowe M, Foland-Ross LC, Sacchet MD, LeMoult J, Gotlib IH (2017) Like mother like daughter: putamen activation as a mechanism underlying intergenerational risk for depression. *Social Cognitive and Affective Neuroscience*, 12(9):1480-1489. PMCID: PMC5629825.
25. **Ho TC\***, Sacchet MD\*, Connolly CG, Margulies DS, Tymofiyeva O, Paulus MP, Simmons AN, Gotlib IH, Yang TT (2017) Inflexible functional connectivity of the dorsal anterior cingulate cortex in adolescent major depressive disorder. *Neuropsychopharmacology*, 42(12):2434-2445. PMCID: PMC5645733.
24. **Ho TC**, King LS, Leong JK, Colich NL, Humphreys KL, Ordaz SJ, Gotlib IH (2017) Effects of sensitivity to life stress on uncinate fasciculus segments in early adolescence. *Social Cognitive and Affective Neuroscience*, 12(9):1460-1469. PMCID: PMC5629927.
23. Henje Blom E, Tymofiyeva O, Chesney MA, **Ho TC**, Moran P, Connolly CG, Duncan L, Baldini L, Weng HY, Acree M, Goldman V, Hecht FM#, Yang TT# (2017). Feasibility and preliminary efficacy of a novel RDoC-based treatment program for adolescent depression: Training for Awareness Resilience and Action (TARA). *Frontiers in Psychiatry*, <http://dx.doi.org/10.3389/fpsy.2016.00208>. PMCID: PMC5237634.

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22. Connolly CG, **Ho TC**, Henje Blom E, LeWinn KZ, Sacchet MD, Tymofiyeva O, Simmons AN, Yang TT (2017). Resting-state functional connectivity of the amygdala and longitudinal changes in depression severity in adolescent depression. *Journal of Affective Disorders*, 207:86-94. PMID: PMC5149416.
21. Tymofiyeva O, Connolly CG, **Ho TC**, Sacchet MD, Henje Blom E, LeWinn KZ, Xu D, Yang TT (2017) DTI-based connectome analysis of adolescents with major depressive disorder reveals hypoconnectivity of the right caudate. *Journal of Affective Disorders*, 207:18-25. PMID: PMC5107159.
20. Colich NL, **Ho TC**, Foland-Ross LC, Eggleston C, Ordaz SJ, Singh MK, Gotlib IH (2017). Hyperactivation in cognitive control and visual attention brain regions during emotional interference in adolescent depression. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. 2(5):38-395. PMID: PMC5586219.
19. **Ho TC**, Sanders SJ, Gotlib IH, Hoefft F (2016) Intergenerational neuroimaging of human brain circuitry. *Trends in Neurosciences*, 39(10):644-648. PMID: PMC5067069.
18. Sacchet MD, **Ho TC**, Connolly CG, Tymofieva O, LeWinn KZ, **Han LKM**, Henje Blom E, **Mobayed NO**, Max JE, Frank G, Tapert SF, Paulus MP, Simmons AN, Gotlib IH, Yang TT (2016). Large-scale hypoconnectivity between resting-state functional networks in unmedicated adolescent major depressive disorder. *Neuropsychopharmacology*, 41(12):2951-2960. PMID: PMC5061890. **Featured as cover article for journal issue.**
17. **Ho TC**, Zhang S, Sacchet MD, Weng H, Connolly CG, Henje Blom E, **Han LKM**, Yang TT (2016) Fusiform gyrus dysfunction is associated with perceptual processing efficiency to emotional faces in adolescent depression: a model-based approach. *Frontiers in Psychology*. <http://dx.doi.org/10.3899/fpsyg.2016.00040>. PMID: PMC4740953.
16. Henje Blom E, **Ho TC**, Connolly CG, LeWinn KZ, Sacchet MD, Tymofiyeva O, Weng H, Yang TT (2016). The neuroscience and context of adolescent depression. *Acta Paediatrica*, 105(4):358-365. PMID: PMC4779656.
15. Henje Blom E\*, **Han LKM**\*, Connolly CG, **Ho TC**, Lin J, LeWinn KZ, Simmons AN, Sacchet MD, **Mobayed NO**, **Luna M**, Paulus MP, Epel ES, Blackburn EH, Wolkowitz OM, Yang TT (2015). Peripheral telomere length and hippocampal volume in adolescents with major depressive disorder. *Translational Psychiatry*, 5:e676, <http://dx.doi.org/10.1038/tp.2015.172>. PMID: PMC5068765.
14. Henje Blom E\*, Connolly CG\*, **Ho TC**, LeWinn KZ, **Han LM**, Paulus MP, **Wu J**, **Mobayed NO**, Simmons AN, Yang TT (2015) Altered insula activation and increased insular functional connectivity during sad and happy face processing in adolescent major depressive disorder. *Journal of Affective Disorders*, 178:215-233. PMID: PMC4412607.
13. **Ho TC**, Connolly CG, Henje Blom E, LeWinn KZ, Strigo IA, Paulus MP, Frank G, Max JE, Wu J, **Chan M**, Tapert SF, Simmons AN, Yang TT (2015) Emotion-dependent functional connectivity of the default mode network in adolescent depression. *Biological Psychiatry*, 78(9):635-646. PMID: PMC4362932. **Featured commentary by Roselinde Kaiser and Diego Pizzagalli in Biological Psychiatry.**

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12. Henje Blom E, Duncan LG, **Ho TC**, Connolly CG, LeWinn KZ, Chesney M, Hecht FM, Yang TT (2014) The development of an RDoC based treatment program for adolescent depression: Training of Awareness, Resilience, and Action (TARA). *Frontiers in Human Neuroscience*, 8:630. PMID: PMC4137278.
11. LeWinn KZ, Connolly CG, Wu J, Drahos M, Hoeft F, **Ho TC**, Simmons AN, Yang TT (2014) White matter microstructure correlates of adolescent depression: structural evidence for frontolimbic disconnectivity. *Journal of the American Academy of Child and Adolescent Psychiatry*, 53(8): 899-909. PMID: PMC4112055.
10. Ester EF, **Ho TC**, Brown SD, Serences JT (2014) Variability in visual working memory limits the efficiency of perceptual decision making. *Journal of Vision*, 14(4), pii: 2. <http://dx.doi.org/10.1167/14.4.2>. PMID: PMC3974583.
9. **Ho TC**, Yang G, Wu J, Cassey P, Brown SD, Hoang N, Chan M, Connolly CG, Henje Blom E, Duncan LG, Chesney MA, Paulus MP, Max JE, Patel R, Simmons AN, Yang TT (2014) Functional connectivity of negative emotional processing in adolescent depression. *Journal of Affective Disorders*, 155:65-74. PMID: PMC4961511.
8. **Ho TC**, Wu J, Shin DD, Liu TT, Tapert SF, Yang G, Connolly CG, Frank G, Max JE, Wolkowitz O, Hoeft F, Eisendrath S, Banerjee D, Hood KK, Hendren R, Paulus MP, Simmons AN, Yang TT. Altered cerebral perfusion in executive, affective, and motor networks during adolescent depression (2013) *Journal of the American Academy of Child and Adolescent Psychiatry*, 52(10):1076-1091. PMID: PMC3825460. **Featured commentary by Martin Stein on *New England Journal of Medicine's* Journal Watch.**
7. Connolly CG, Wu J, **Ho TC**, Hoeft F, Wolkowitz O, Eisendrath S, Frank G, Hendren R, Max JE, Paulus MP, Tapert SF, Banerjee D, Simmons AN, Yang TT. Resting-state functional connectivity of subgenual anterior cingulate cortex in depressed adolescents (2013). *Biological Psychiatry*, 74(12):898-907. PMID: PMC4103629. **Featured commentary by Ellen Leibenluft and Daniel Pine in *Biological Psychiatry*.**
6. **Ho TC**, Brown SD, Abuyo NT, Ku EH, Serences JT (2012). Perceptual consequences of feature-based attentional enhancement and suppression. *Journal of Vision*, 12(8):15. <http://dx.doi.org/10.1167/12.8.15>. PMID: PMC4503215.
5. **Ho TC**, Horn NA, Huynh T, Kelava L, Lansman JB (2012). Evidence TRPV4 contributes to mechanosensitive ion channels in mouse skeletal muscle fibers. *Channels*, 6(4):246-254. PMID: PMC3508903.
4. **Ho T**, Brown SD, Van Maanen L, Forstmann BU, Wagenmakers EJ, Serences JT (2012). The optimality of sensory processing during the speed-accuracy tradeoff. *Journal of Neuroscience*, 32(23): 7992-8003. PMID: PMC3388609.
3. Van Maanen L, Brown SD, Eichele T, Wagenmakers EJ, **Ho T**, Serences J, Forstmann BU (2011) Neural correlates of trial-to-trial fluctuations in response caution, *Journal of Neuroscience*, 31(48):17488-17495.
2. **Ho TC**, Brown SD, Serences JT (2009) Domain general mechanisms of perceptual decision making in human cortex. *Journal of Neuroscience*, 29(27):8675-8687. PMID: PMC2719543.



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1. Serences JT, Saproo S, Scolari M, **Ho T**, Muftuler T (2009) Estimating the influence of attention on population response profiles. *Neuroimage*, 44(1):223-31. **2009 Editor's Choice for Best Paper in Systems Neuroscience.**

*Preprints/manuscripts submitted, under revision, or under review*

5. **Schwartz J**, Ordaz SJ, Kircanski K, **Ho TC**, Davis EG, Camacho MC, Gotlib IH (invited revision under review) Resting-state functional connectivity and inflexibility of daily emotions in major depression.

4. **Nimarko AF**, **Ho TC**, Colich NL, Gotlib IH (invited revision under review) Neural correlates of self-referential processing underlying resilience to depression in high-risk adolescents.

3. **Miller JG**, **Ho TC**, King LS, Foland-Ross LC, Colich NL, Humphreys KL, Gotlib IH (under review) Amygdala-frontocingulate connectivity to supraliminal and subliminal emotional faces differentially predict symptoms of depression and anxiety in early adolescence.

2. **Ho TC**, Miller CH, **Yuan J**, Connolly CG, Tymofiyeva O, Simmons AN, Yang TT#, Gotlib IH# (under review) Meta-analytic evidence for anterior cingulate cortex and striatal hyperconnectivity in adolescent major depressive disorder.

1. Fischer AF\*, Ellwood-Lowe ME\*, Colich NL, Cichocki A, **Ho TC**, Gotlib IH (under review) Reward-circuit biomarkers of risk and resilience in adolescent depression.

*Preprints/manuscripts in preparation*

2. **Leong JK**, **Ho TC**, Colich NL, Sisk LM, Knutson B, Gotlib IH (in preparation) White matter tract coherence between anterior insula and nucleus accumbens predicts future sensitivity to reward in adolescents.

1. **Ho TC\***, Gutman B\*, **ENIGMA MDD Working Group**, Sämann P#, Schmaal L# (in preparation) Subcortical shape alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder Working Group.

## PUBLISHED COMMENTARIES

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2. **Ho TC**, Auerbach RP (2017) Towards an improved understanding of cortico-basal ganglia reward circuitry in adolescent depression. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 2(7):554-555. **Editor Invited Commentary.**

1. **Ho TC\***, Ester EF\* (2012) Target enhancement and distractor suppression in naturalistic visual search. *Journal of Neuroscience*, 32(47):16539-16540. PMID: PMC3535462. **Journal Club Commentary.**

## ENIGMA MDD (Member) & ENIGMA Early Life Stress (Co-Chair)

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5. Tozzi L\*, Garczarek L\*, **ENIGMA MDD Working Group**, Schmaal L, Frodl T (in preparation) Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort.
4. de Kovel CGF, **ENIGMA Laterality Working Group**, Schmaal L, Francks C (under review) No alterations of brain structural asymmetry in Major Depressive Disorder: An ENIGMA consortium mega-analysis.
3. Kelly S\*, Van Velzen L\*, **ENIGMA MDD Working Group**, Jahanshad N#, Schmaal L# (invited revision in preparation) White matter abnormalities in major depression across 2907 individuals: Findings from the ENIGMA Major Depressive Disorder Working Group.
2. Riedel BC\*, Zhu D\*, **ENIGMA MDD Working Group**, Veltman DJ#, Schmaal L#, Thompson PM# (invited revision in preparation) MRI based classification of Major Depressive Disorder in 16 Cohorts Worldwide: An ENIGMA machine learning study.
1. Kong X-Z, **ENIGMA Laterality Working Group**, Thompson PM, Francks C (2018) Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA consortium. *Proceedings of the National Academy of Sciences USA*.

## INVITED TALKS

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| 2018 | Psychoneuroendocrinology Research Lab (PI: Owen Wolkowitz)<br>UCSF, Department of Psychiatry, San Francisco, CA<br><b>“Neuroimmune Pathways in Adolescent Depression”</b>  |
| 2018 | Precision Psychiatry and Translational Neuroscience Lab (PI: Leanne Williams)<br>Stanford University, Department of Psychiatry, Stanford, CA<br><b>“Neurobiological Stress Mechanisms in Adolescent Depression”</b>            |
| 2018 | UCSF, Department of Psychiatry, San Francisco, CA<br><b>“Neurobiological Stress Mechanisms in Adolescent Depression”</b>   |
| 2018 | Stanford University, Affective Science Seminar, Stanford, CA<br><b>“Neurobiological Stress Mechanisms in Adolescent Depression”</b>  |
| 2018 | Developmental Biopsychiatry Research Program (PI: Martin Teicher)<br>McLean Hospital, Harvard Medical School, Belmont, MA<br><b>“Sensitivity to Stress in Adolescent Amygdala-Ventromedial Prefrontal Cortex Connectivity”</b> |
| 2017 | Guest Lecture for Psychology 234 (Instructor: Ian Gotlib)<br>Stanford University, Department of Psychology, Stanford, CA<br><b>“Current Efforts Toward Understanding the Psychology and Neurobiology of Suicidality”</b>       |
| 2017 | Stanford Cognitive and Systems Neuroscience Laboratory (PI: Vinod Menon)<br>Stanford University, Department of Psychiatry, Stanford, CA<br><b>“Neural Networks of Adolescent Depression”</b>                                   |



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- 2016 UCSF, Psychiatry and Radiology Imaging Workshop, San Francisco CA  
“**Task-Positive and Task-Negative Networks in Adolescent Depression**”
- 2016 UCSF, Child and Adolescent Psychiatry Grand Rounds, San Francisco, CA  
“**Network Dynamics in Adolescent Depression**”

### SELECT CONFERENCE PRESENTATIONS (full list available upon request)

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\*co-first presenters, ^denotes presenter when not first-author

**Ho TC**, Gutman B, **ENIGMA MDD Working Group**, Sämann P, Schmaal L (2018). *Subcortical shape alterations in Major Depressive Disorder: Meta-analytic findings from the ENIGMA Major Depressive Disorder Working Group*. Poster to be presented at the Annual Meeting of the American College for Neuropsychopharmacology, Hollywood, FL.

**Ho TC**, Oskirko K, Colich NL, Leong JK, Pham H, Gotlib IH (2018). *Differential effects of pubertal development on changes in white matter microstructure in adolescent boys and girls*. Poster presented at the Society for Neuroscience, San Diego, CA.

**Ho TC**, Humphreys KL, King LS, Colich NL, Schwartz J, Leong J, Ordaz SJ, Ohashi K, Teicher M, Gotlib IH (2018). *Differing windows of sensitivity to stress in amygdala-ventromedial prefrontal cortex structural and functional connectivity: Implications for the neurobiology of depression in youth*. Talk presented at the Annual Meeting of the Society of Biological Psychiatry, New York, NY.

Cichocki A\*, **Ho TC**\*, Camacho MC, Gotlib IH (2018). *Putamen gray matter volumes predict implicit, but not explicit, measures of suicidality in young adolescents*. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, New York, NY.

**Ho TC**, Nimarko A, Oskirko K, Leong J, Lowet D, Ordaz SJ, Gotlib IH (2017). *Fractional anisotropy in the frontal segment of the uncinate fasciculus in adolescents at risk for depression*. Poster presented at the Annual Meeting of the American College for Neuropsychopharmacology, Palm Springs, CA.

**Ho TC**, King LS, Leong JK, Colich NL, Humphreys KL, Ordaz SJ, Gotlib IH (2017) *Effects of early life stress on frontal fibers of the uncinate fasciculus in early adolescence*. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, San Diego, CA.

**Ho TC**, Ordaz SJ, Leong JK, Lowet D, Singh MK, Gotlib IH (2016). *Fractional anisotropy in cingulum-hippocampus tracts predicts subsequent suicidal ideation in young adolescents*. Poster presented at the Annual Meeting of the American College for Neuropsychopharmacology, Hollywood, FL. **2016 ACNP Travel Award**.

Fischer AS, Camacho MC, **Ho TC**^, Whitfield-Gabrieli S, Gotlib IH (2016). *Functional connectivity markers of resilience in adolescents at familial risk for depression*. Poster presented at the Annual Meeting of the American College for Neuropsychopharmacology, Hollywood, FL.

**Ho TC**, Sacchet MD, Connolly CG, Margulies DS, Simmons AN, Gotlib IH, Yang TT (2016). *Inflexible functional connectivity of brain networks in adolescent depression*. Talk presented at the

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Annual Meeting of the International Society for Bipolar Disorders/Biennial Meeting of the International Society for Affective Disorders, Amsterdam, Netherlands.

**Ho TC**, Ordaz SJ, Sacchet MD, Camacho MC, King LS, Humphreys KL, Colich NL, Popolizio MM, Singh MK, Gotlib IH (2016). *Smaller limbic volumes predict higher levels of subsequent suicidal ideation in young adolescents*. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA.

Sacchet MD, **Ho TC**<sup>^</sup>, Connolly CG, Tymofieva O, LeWinn KZ, Han LKM, Henje Blom E, Mobayed NO, Max JE, Frank G, Tapert SF, Paulus MP, Simmons AN, Gotlib IH, Yang TT (2016). *Hypoconnectivity among resting-state functional networks in adolescent major depression*. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA. **2016 SOBP Finalist for Top Poster Award in Basic Research.**

**Ho TC**, Sacchet MD, Connolly CG, Margulies DS, Simmons AN, Gotlib IH, Yang TT (2016). *Task-positive and task-negative network connectivity patterns in adolescent depression*. Talk presented at the Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA.

**Ho TC**, Tymofiyeva O, LeWinn KZ, Connolly CG, Blom EH, Sacchet MD, Mobayed MO, Luna M, Simmons AN, Yang TT<sup>^</sup> (2015). *Altered amygdala nodal degree in depressed adolescents with a history of suicidal attempt: a graph analysis*. Poster presented at the Annual Meeting of the American Academy of Child and Adolescent Psychiatry, San Antonio, TX.

**Ho TC**, Sacchet MD, Connolly CG, Han LKM, Blom EH, Mobayed MO, Simmons AN, Gotlib IH, Yang TT (2015). *Abnormal resting-state networks in adolescent depression: a graph analysis*. Poster presented at the Annual Meeting of the Organization for Human Brain Mapping, Honolulu, HI.

**Ho TC**, Sacchet MD, Connolly CG, LeWinn KZ, Wu J, Simmons AN, Yang TT (2015). *Altered amygdala and IFG activation during an emotional stop signal task in adolescent depression*. Poster presented at the Annual Meeting of the Organization for Human Brain Mapping, Honolulu, HI.

**Ho TC**, Sacchet MD, Connolly CG, Han LKM, Henje-Blom E, LeWinn KZ, Simmons AN, Gotlib IH, Yang TT (2015). *Anomalous local efficiency dynamics of the hippocampus in adolescent major depressive disorder: a graph analysis*. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, Toronto, Canada. **2015 SOBP Travel Award.**

**Ho TC**, Connolly CG, Wu J, Henje-Blom E, LeWinn KZ, **Chan M**, Simmons AN, Yang T (2014). *Emotion-dependent functional connectivity of the default mode network in adolescent depression*. Poster presented at the Annual Meeting of the Society for Neuroscience, Washington, DC. **2014 SfN Postdoctoral Fellow Travel Award.**

**Ho TC**, Wu J, Henje Blom E, Connolly CG, LeWinn KZ, Simmons AN, Yang TT<sup>^</sup> (2014) *Neural responses to dynamic emotional faces in unmedicated adolescents with depression*. Poster presented at the Annual Meeting of the American Academy of Child and Adolescent Psychiatry, San Diego, CA.

**Ho TC**, Yang G, Wu J, Fonzo GA, Connolly CG, Chan M, Hoang N, Simmons AN, Yang T (2013). *Altered functional connectivity of subgenual anterior cingulate cortex during negative emotion processing in adolescents with depression*. Poster presented at the Annual Meeting of the Society for

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Neuroscience, San Diego, CA.

**Ho TC**, Wu J, Shin DD, Yang G, Banerjee D, Connolly CG, Hendren R, Simmons AN, Yang TT (2013). *Cerebral perfusion in adolescent depression: a pseudo-continuous arterial spin labeling study*. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, San Francisco, CA.

**Ho TC**, Wu J, Shin DD, Yang G, Chan M, Hoang N, Simmons AN, Yang TT (2012). *Amygdala hypoperfusion in depressed adolescents: an optimized pseudo-continuous arterial spin-labeling study*. Poster presented at the Annual Meeting of the American Academy of Child and Adolescent Psychiatry, San Francisco, CA. **2012 AACAP Poster Docent Selection.**

**Ho TC\***, Ester EF\*, Abuyo NA, Modir SR, Serences JT (2012). *Individual differences in working memory capacity predict the speed of perceptual decision making*. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.

**Ho TC**, Brown SD, Abuyo NA, Ku EJ, Serences JT (2011). *Perceptual consequences of feature-based attentional suppression*. Poster presented at the Annual Meeting of the Vision Sciences Society, Naples, FL.

**Ho TC**, Brown S, Serences JT (2010). *The optimality of sensory encoding during perceptual decision making*. Poster presented at the Annual Meeting of the Society for Neuroscience, San Diego, CA.

**Ho TC**, Brown S, Serences JT (2010). *Combining fMRI and the LBA model to ascertain a supramodal accumulator in perceptual decision making*. Talk presented at the Annual Meeting of the Society for Mathematical Psychology, Portland, OR.

## AD-HOC GRANT REVIEWER

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2015                      Binational Science Foundation (United States-Israel)  
2016                      Health Research Board (Ireland)  
2018                      Mind Science Foundation

## AD-HOC JOURNAL REVIEWER

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Biological Psychiatry; Biological Psychiatry: Cognitive Neuroscience and Neuroimaging; Child Development; Cognition and Emotion; Cognitive, Affective, and Behavioral Neuroscience; Frontiers in Human Neuroscience; Frontiers in Neuroscience; Human Brain Mapping; JAMA Psychiatry; Journal of Affective Disorders; Journal of the American Academy of Child and Adolescent Psychiatry; Journal of Psychiatry and Neuroscience; Journal of Neuroscience; Journal of Neuroscience Methods; Neurobiology of Stress; Neuropsychologia; Neuropsychopharmacology; Neuroscience; PLoS ONE; Psychological Medicine; Psychiatry Research: Neuroimaging; Psychosomatic Medicine; Scientific Reports; Social Cognitive and Affective Neuroscience; Suicide and Life-Threatening Behavior

Publons profile: <https://publons.com/author/1329575/tiffany-c-ho/>

## EDITORIAL SERVICE

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2014 – 2016              Guest Associate Editor, *Frontiers in Psychology*

## Tiffany Cheing Ho, Ph.D.

Research Topic: *Brain-behavior-computation-cognition: Convergent methods to understanding the human mind*

### PROFESSIONAL AFFILIATIONS

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2009 – 2012 Vision Sciences Society  
2009 – Present Society for Neuroscience  
2013 – Present Society of Biological Psychiatry  
2015 – Present Organization for Human Brain Mapping

### RESEARCH AND PROFESSIONAL MENTORSHIP

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#### Postdoctoral Researchers/Medical Residents

2018 – Present Jonas Miller, Department of Psychiatry & Behavioral Sciences, Stanford University  
2016 – 2017 Adina Fischer, Department of Psychiatry & Behavioral Sciences, Stanford University

#### Doctoral Students

2018 – Present Josiah Leong, Department of Psychology, Stanford University  
2016 – Present Jaclyn Schwartz, Department of Psychology, Stanford University  
2016 – 2018 Akua Nimarko, Neurosciences Program, Stanford University  
2016 – 2017 Natalie Colich, Department of Psychology, Stanford University

#### Undergraduate Honors Thesis Students

2017 – Present Artenisa Kulla, Human Biology, Stanford University  
2017 – 2018 Kira Oskirko, Psychology and Gender Studies, Stanford University  
    *“Examining Sex-Specific Effects of Puberty on White Matter Microstructure”*  
    • **2018 Firestone Medal for Excellence in Undergraduate Research**  
    **(awarded to top 10% of honor theses at Stanford University)**  
2016 – 2017 Daniel Lowet, Human Biology, Stanford University  
    *“White Matter Correlates of Suicidal Cognition in Adolescents: A Diffusion Tensor Imaging Study”*

#### Postbaccalaureate Researchers

2018 Samira Amirazizi, Stanford University  
2018 Megan Strickland, Stanford University  
2017 – Present Amar Ohja, Stanford University  
2017 – 2018 Holly Pham, Stanford University  
2017 – Present Michelle Sanabria, Stanford University  
2017 – Present Johanna Walker, Stanford University  
2017 – 2018 Tammie Hsu, Stanford University  
2017 – 2018 Melanie Ngan, Stanford University  
2016 – Present Anna Cichocki, Stanford University  
2016 – Present Lucinda Sisk, Stanford University  
2016 – 2017 Erika Puente, Stanford University  
2016 – 2017 Maria “Cat” Camacho, Stanford University (now PhD candidate in Neuroscience at University of Pittsburgh)

## Tiffany Cheing Ho, Ph.D.

2016 – 2017	Meghan Goyer, Stanford University (now PhD candidate in Clinical Psychology at Georgia State University)
2015 – Present	Justin Yuan, UCSF
Summer 2014	Laura Han, University of Amsterdam/UCSF (now PhD candidate at VU Amsterdam)
2014 – 2016	Nisreen Mobayed, UCSD/UCSF (now MS2 at University of Milwaukee)
2013 – 2015	Mary Luna, UCSD/UCSF
2012 – 2015	Audrey Fortezzo, UCSD/UCSF (now PA from Duke University)
2012 – 2014	Napoleon Hoang, UCSD/UCSF
2012 – 2014	Melanie Chan, UCSD/UCSF (now MS in Neuroscience from McGill University)
2012 – 2013	Guang Yang, UCSD/UCSF (now MSTP at University of Utah)
2012 – 2013	Dipavo Banerjee, UCSD/UCSF (now DO2 at Chicago College of Osteopathic Medicine)

### Undergraduate Researchers

Summer 2018	Serena Wu, Neuroscience & Behavior, Columbia University
Summer 2018	Jessie Mano, Psychology, Whitman College
Summer 2017	Deborah Gordan, Psychology, Stanford University
Summer 2017	Kenna Mokobi, Symbolic Systems, Stanford University
2016 – 2017	Nathaniel Morris, Psychology, Stanford University
2016 – Present	Nassa Jumholwang, Psychology, UCSC
Summer 2012	Joshua Chen, Psychology, UCSD (now MFT from SDSU)
2011 – 2012	Donald Davis, Psychology, UCSD
2011 – 2012	Shaheen Modir, Psychology, UCSD
2011 – 2012	Dorothy Yen, Psychology, UCSD (now MS in Computer Science from UCSD)
2011 – 2012	Eun-Hae Ku, Psychology, UCSD (now MPH from USC)
2010 – 2012	Newton Abuyo, Psychology, UCSD (now MA in Psychology from Pepperidge University)
2009 – 2011	Lilly Wu, Psychology, UCSD (now PhD in Clinical Psychology from Wayne State)
Summer 2009	Soo-Ryum Yang, Psychology, UCSD (now MD from Vanderbilt University)
2009 – 2010	Lucia Foglia, Philosophy, UCSD (now Adjust Professor Philosophy at San Diego City College)
2009 – 2010	Nafees Hamid, Philosophy, UCSD (now Research Fellow at University College London)

## TEACHING EXPERIENCE

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Spring 2018	Guest Lecturer, PSYC 4420: <i>Cognitive Processes</i> (CSU East Bay)
Fall 2017	Guest Lecturer, PSYC 234: <i>Topics in Depression</i> (Stanford)
Spring 2017	Instructor, PSYC 4420: <i>Cognitive Processes</i> (CSU East Bay)
Summer 2014	Instructor, PSYD 7309: <i>Applications of Clinical Research</i> (JFKU)
Summer 2012	Teaching Assistant, Psych 139: <i>Psychology of Sports</i> (UCSD)
Spring 2012	Teaching Assistant, Psych 182: <i>Visual Illusions</i> (UCSD)
Winter 2011	Teaching Assistant, Psych120/121: <i>Learning and Motivation Lab</i> (UCSD)
Winter 2011	Teaching Assistant, Psych 120/121: <i>Learning and Motivation Lab</i> (UCSD)
Fall 2011	Teaching Assistant, Psych 2: <i>Biological Psychology</i> (UCSD)
Summer 2011	Teaching Assistant, Psych 129: <i>Psychology of Sports</i> (UCSD)
Spring 2011	Teaching Assistant, Psych 163: <i>Abnormal Psychology</i> (UCSD)
Fall 2010	Teaching Assistant, Psych 179: <i>Drugs, Addiction, and Mental Disorders</i> (UCSD)
Summer 2010	Teaching Assistant, Psych 102: <i>Sensation and Perception</i> (UCSD)
Spring 2010	Teaching Assistant, Psych 163: <i>Abnormal Psychology</i> (UCSD)

## Tiffany Cheing Ho, Ph.D.

Winter 2010	Teaching Assistant, Psych 60: <i>Introduction to Statistics</i> (UCSD)
Summer 2009	Teaching Assistant, Psych 3: <i>Cognitive Foundations</i> (UCSD)
Spring 2009	Teaching Assistant, Psych 1: <i>Introduction to Psychology</i> (UCSD)
Winter 2009	Teaching Assistant, Psych 60: <i>Introduction to Statistics</i> (UCSD)
Spring 2008	Teaching Assistant, Econ 20A: <i>Basic Economics I</i> (UCI)
Winter 2008	Teaching Assistant, Psych 1: <i>Introduction to Psychology</i> (UCI)

## TECHNICAL SKILLS

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**Software** AFNI, FreeSurfer, FSL, SPM, Diffusion Toolkit/TrackVis, BrainVoyager, MS Office Suite, COREL, PhotoShop

**Programming** MATLAB, R, shell scripting