

Tiffany Cheing Ho, Ph.D.
Curriculum Vitae

Department of Psychology
Stanford University
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Stanford, CA 94305

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Web: <http://www.tiffany-ho.com>

EDUCATION

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 20th Century Literature)

ACADEMIC POSITIONS & TRAINING

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

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

August 2018 – July 2019 **Stanford Child Health Research Institute Early Career Award**
Title: *Digital Phenotyping of Adolescent Depression*
Total Amount: \$35,000
Role: PI

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- 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**
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

- 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*
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*

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- 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: 984 citations, h-index: 14)

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

Accepted, in press, or published

33. LeWinn KZ, Strigo IA, Connolly CG, **Ho TC**, Henje Blom E, Sacchet MD, Tymofiyeva O, Weng HY, Simmons AN, Yang TT (in press) An exploratory examination of reappraisal success in depressed adolescents: preliminary evidence of functional differences in cognitive control brain regions. *Journal of Affective Disorders*.

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*.

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. PMID: 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.**

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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. PMID: 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. PMID: 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. PMID: 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. PMID: 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>. PMID: PMC5237634.
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

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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.**

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

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(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.

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 and manuscripts submitted, under revision, or under review

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

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

6. **Ho TC**, **Cichocki AC**, Gifuni A, Camacho MC, Ordaz SJ, Singh MK, Gotlib IH (invited revision) Reduced dorsal striatum gray matter volume predicts implicit suicidal ideation in adolescents.

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

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4. Schwartz J, Ordaz SJ, Kircanski K, **Ho TC**, Davis EG, Camacho MC, Gotlib IH (under review) Resting-state functional connectivity and inflexibility of daily emotions in major depression.
3. **Ho TC**, Miller CH, Yuan J, Connolly CG, Tymofiyeva O, Simmons AN, Yang TT, Gotlib IH (submitted) Meta-analytic evidence for altered striatal and anterior cingulate cortex connectivity in adolescent major depressive disorder.
2. Fischer AF*, Ellwood-Lowe ME*, Colich NL, Cichocki A, **Ho TC**, Gotlib IH (submitted) Reward-circuit biomarkers of risk and resilience in adolescent depression.
1. Leong JK, **Ho TC**, Colich NL, Sisk LM, Knutson B, Gotlib IH (in preparation) Structure and function of neural incentive circuits predict future reward drive in adolescents.

PUBLISHED COMMENTARIES

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)

6. **Ho TC***, Gutman B*, **ENIGMA MDD Working Group**, Saemann P, Schmaal L (in preparation) Subcortical shape alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder Working Group.
5. de Kovel CGF, **ENIGMA Laterality Working Group**, Schmaal L, Francks C (in preparation) No alterations of brain structural asymmetry in Major Depressive Disorder: An ENIGMA consortium mega-analysis.
4. Kelly S*, Van Velzen L*, **ENIGMA MDD Working Group**, Jahanshad N#, Schmaal L# (submitted) White matter abnormalities in major depression across 2907 individuals: Findings from the ENIGMA Major Depressive Disorder Working Group.
3. Garczarek L*, Tozzi L*, **ENIGMA MDD Working Group**, Schmaal L, Frodl T (under review) Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort.
2. Riedel BC*, Zhu D*, **ENIGMA MDD Working Group**, Veltman DJ#, Schmaal L#, Thompson PM# (revision under review) MRI based classification of Major Depressive Disorder in 16 Cohorts Worldwide: An ENIGMA machine learning study.

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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

- 2018 Developmental Biopsychiatry Research Program (PI: Martin Teicher)
McLean Hospital, Harvard Medical School, Belmont, MA
“Sensitivity to Stress in Adolescent Amygdala-Ventromedial Prefrontal Cortex Connectivity”
- 2017 Guest Lecture for Psychology 234 (Instructor: Ian Gotlib)
Stanford University, Stanford, CA
“Current Efforts Toward Understanding the Psychology and Neurobiology of Suicidality”
- 2017 Stanford Cognitive and Systems Neuroscience Laboratory (PI: Vinod Menon)
Stanford University, Stanford, CA
“Neural Networks of Adolescent Depression”
- 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)

*co-first authors, ^denotes presenter when not first-author

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.

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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 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**[^], 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[^] (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*.

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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[^] (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 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

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

AD-HOC JOURNAL REVIEWER

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 the American Academy of Child and Adolescent Psychiatry, Journal of Affective Disorders, Journal of

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Psychiatry and Neuroscience, Journal of Neuroscience, Journal of Neuroscience Methods, Neurobiology of Stress, Neuropsychologia, Neuropsychopharmacology, Neuroscience, PLoS ONE, Psychological Medicine, Psychiatry Research: Neuroimaging, Scientific Reports, Social Cognitive and Affective Neuroscience, Suicide and Life-Threatening Behavior

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

EDITORIAL SERVICE

2014 – 2016 Guest Associate Editor, *Frontiers in Psychology*
Research Topic: *Brain-behavior-computation-cognition: Convergent methods to understanding the human mind*

PROFESSIONAL AFFILIATIONS

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

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 – Present Samira Amirazizi, Stanford University
2018 Megan Strickland, Stanford University
2017 – Present Amar Ohja, Stanford University

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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 University of Pittsburgh)
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	Nathan 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

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)

Tiffany Cheing Ho, Ph.D.

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, Psych 120/121: <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, Addition, 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)
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 EXPERIENCE & EXPERTISE

Software	AFNI, FreeSurfer, FSL, SPM, Diffusion Toolkit/TrackVis, BrainVoyager, MS Office Suite, COREL, PhotoShop
Programming	MATLAB, R, shell scripting

OUTREACH & OTHER ACTIVITIES

2017 – 2018	Stanford Science Penpals <i>Penpal</i> This program is sponsored by the Stanford Office of Student Outreach and connects 6 th -12 th graders across the U.S. with Stanford scientists, with the goal of introducing children to diverse scientific careers.
2016 – 2017	Palo Alto Association for Women in Science <i>Mentor</i> This program is jointly sponsored by the Stanford Vice Provost for Graduate Education and the Palo Alto Chapter of the Association for Women in Science and provides networking opportunities, fosters career development and advancement, raises public awareness of the scientific and technological skills, and works with other organizations in developing national and community programs for women in science at all career levels.
Summer 2016	Stanford Psychology Graduate Application Mentors Program <i>Mentor</i> This program pairs up graduate students and postdocs in Stanford Psychology with first-generation college students or recent graduates from all over the country interested in applying to a Psychology doctoral program. Mentors are available to answer any questions about the application process and to provide detailed feedback and advice.

Tiffany Cheing Ho, Ph.D.

Spring 2015

Bridges to the Baccalaureate Program

Seminar Speaker

This NIH-funded program with the Community College San Francisco, Skyline College, and San Francisco State University seeks to increase the number of underrepresented minority community students pursuing advanced degrees in the biomedical sciences. Graduate students and postdocs are invited to speak and connect with these students through weekly seminars to share their scientific and personal journeys.

2002 – Present

Self-Employed English Tutor

I mentor high school students in SAT I and SAT II (Writing, English Literature, US History) and edit high school, college, and graduate/medical school admissions essays. I also provide tutoring for non-native English speaking graduate students and postdoctoral fellows in written and verbal English fluency and edit their scientific manuscripts and grants for English readability.

REFERENCES

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Ian H. Gotlib, Ph.D. (Postdoc advisor)

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