

Tiffany Cheing Ho, Ph.D.
Curriculum Vitae

Department of Psychology
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ACADEMIC POSITIONS

2022 - Present	University of California, Los Angeles <i>Department of Psychology</i> Assistant Professor (Ladder Rank Series)
2019 – 2022	University of California, San Francisco <i>Department of Psychiatry & Behavioral Sciences</i> Assistant Professor (Adjunct Series)
2018 – 2019	Stanford University <i>Department of Psychiatry & Behavioral Sciences</i> Instructor

POSTDOCTORAL TRAINING

2016 – 2018	Stanford University, Department of Psychology Postdoctoral Researcher
2012 – 2015	University of California, San Francisco, Department of Psychiatry Postdoctoral Researcher

EDUCATION

2008 – 2012	University of California, San Diego Ph.D. in Psychology (Cognitive Neuroscience)
2002 – 2006	University of California, Berkeley B.A. in Cognitive Science (concentration in Neuroscience) Minor in English (concentration in 20 th Century Literature)

HONORS AND AWARDS

2022	Top 10 Reviewer for <i>Biological Psychiatry: Cognitive Neuroscience & Neuroimaging</i> in 2021
2022	Top 10 Reviewer for <i>Biological Psychiatry: Global Open Science</i> in 2021
2022	Associate Member of American College for Neuropsychopharmacology
2021	Chancellor's Fund, <i>UCSF Academic Senate</i>
2021	Top 10 Reviewer for <i>Biological Psychiatry: Cognitive Neuroscience & Neuroimaging</i> in 2020

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2017	Henzl-Gabor Travel Award, <i>Stanford Office of Postdoctoral Affairs</i>
2017	Depression Fellow, <i>Klingenstein Third Generation Foundation</i>
2016	Travel Award, <i>American College of Neuropsychopharmacology</i>
2016	Scholar Award, <i>Career Development Institute for Psychiatry</i>
2015	Early Career Investigator Travel Award, <i>Society of Biological Psychiatry</i>
2014	Postdoctoral Fellow Travel Award, <i>Society for Neuroscience</i>

ACTIVE GRANTS

June 2018 – May 2023	National Institute of Mental Health (K01MH117442) Title: <i>The Roles of Inflammatory and Glutamatergic Processes in the Neurodevelopmental Mechanisms Underlying Adolescent Depression</i> Direct Costs: \$667,640 Role: PI
Aug 2021 – May 2023	National Institute of Mental Health (K01MH117442-05S1) Title: <i>COVID-19 Supplement to The Roles of Inflammatory and Glutamatergic Processes in the Neurodevelopmental Mechanisms Underlying Adolescent Depression</i> Direct Costs: \$51,095 Role: PI
Dec 2021 – May 2023	National Institute of Mental Health (K01MH117442-05S2) Title: <i>Maternity Leave Supplement to The Roles of Inflammatory and Glutamatergic Processes in the Neurodevelopmental Mechanisms Underlying Adolescent Depression</i> Direct Costs: \$50,000 Role: PI
Jan 2022 – July 2023	UCSF Research Evaluation and Allocation Program (Junior Investigator in Clinical/Translational Science Award) Title: <i>Digital Phenotyping of Adolescent Depression: Toward Scalable Biomarkers</i> Direct Costs: \$40,000 Role: PI
June 2022 – May 2027	National Institute of Mental Health (R01MH127176) Title: <i>Inflammatory and Glutamatergic Mechanisms of Sustained Threat to Social Stress in Adolescents with Depression: Toward Predictors of Treatment Response and Clinical Course</i> Direct Costs: \$2,814,189 Role: PI

CONSULTANT

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- June 2021 – May 2026 **National Center for Complementary and Integrative Health (R01AT011002)**
Title: *Mechanisms and Predictors of Change in App-Based Mindfulness Training for Adolescents*
PI: Webb
- April 2022 – March 2023 **National Institute of Mental Health (R37MH101495-09S1)**
Title: *Supplement to Psychobiological Mechanisms Underlying the Association Between Early Life Stress and Depression Across Adolescence*
PI: Gotlib

PENDING GRANTS

- Under review **John W. Brick Foundation**
Title: *Toward a Scalable Implementation of Evidence-Based Exercise Interventions for the Treatment of Depression*
Role: mPI (with Krystal, Puterman)
- Under review **National Center for Complementary and Integrative Health (R61AT012028-A1)**
Title: *Probiotic Administration for Adolescents with Depression*
Role: co-I (mPIs: Leung and Yang)
- Under review **National Institute of Mental Health (R21MH130817-A1)**
Title: *Integrating ¹H MRS with ²H-Labeled Glucose to Characterize Dynamic Glutamate Metabolism in Major Depressive Disorder*
Role: mPI (with Li)
- Under review **National Institute of Mental Health (R01)**
Title: *Brain signal variability as a transdiagnostic marker of risk for general psychopathology in adolescence*
Role: co-I (PI: Uddin)

COMPLETED GRANTS

- June 2020 – May 2021 **National Institute of Mental Health (K01MH117442-04S1)**
Title: *Supplement to The Roles of Inflammatory and Glutamatergic Processes in the Neurodevelopmental Mechanisms Underlying Adolescent Depression*
Direct Costs: \$56,641
Role: PI
- 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)

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- Nov 2018 – Sept 2019 **Stanford Maternal 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
- August 2018 – Sept 2019 **Stanford Maternal Child Health Research Institute Early Career Award**
Title: *Digital Phenotyping of Adolescent Depression*
Total Amount: \$35,000
Role: PI
- Sept 2017 – August 2019 **Klingenstein Third Generation Foundation**
Title: *Understanding the Course of Adolescent Depression: Cytokines, Glutamate, Glutathione*
Direct Costs: \$60,000
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*
Total Amount: \$15,000
Role: PI
- March 2017 – Sept 2017 **Stanford Center for Cognitive and Neurobiological Imaging Seed Grant**
Title: *Glutamatergic Correlates of Adolescent Depression*
Total 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*
Total 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

AD-HOC GRANT REVIEWER

2023	NSF, Graduate Student Research Fellowship
2022	NIMH, Child Psychopathology and Developmental Disabilities
2022	NIMH, Child Psychopathology and Developmental Disabilities
2022	NSF, Developmental Sciences Program
2022	NSF, Graduate Student Research Fellowship
2021	Pennsylvania Department of Health
2020	Swiss National Science Foundation (Switzerland)

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2019	Swiss National Science Foundation (Switzerland)
2019	University Medical Research Fund (University of Ottawa)
2018	Mind Science Foundation
2016	Health Research Board (Ireland)
2015	Binational Science Foundation (United States-Israel)

DEPARTMENTAL SERVICE

2022–2023	Wellness and Wellbeing Committee Department of Psychology, UCLA
2021	MRI Selection Committee Member Department of Psychiatry & Behavioral Sciences, UCSF
2019–2022	Clinical and Translational Research Faculty Search Committee Member Department of Psychiatry & Behavioral Sciences, UCSF
2019–2022	NIH Research Career Development Award Workshop Faculty Mentor Department of Psychiatry & Behavioral Sciences, UCSF
2019–2022	Treatment Resistant Depression Clinic Faculty Advisor Department of Psychiatry & Behavioral Sciences, UCSF

PEER-REVIEWED PUBLICATIONS

(Google scholar statistics: 4173 citations, h-index: 35)

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

Accepted, in press, or published

72. Piekarski D, Colich NL, **Ho TC** (accepted pending minor revisions) The effects of puberty and sex on adolescent white matter development: a systematic review. *Developmental Cognitive Neuroscience*.

71. Freimer D*, Yang TT*, **Ho TC**, Tymofiyeva O, Leung C (in press) The gut microbiota, HPA axis, and brain in adolescent-onset depression: probiotics as a novel treatment. *Brain, Behavior, and Immunity: Health*.

70. Yuan JP, **Ho TC**, Coury SM, Chahal R, Colich NL, Gotlib IH (in press) Early life stress, systemic inflammation, and neural correlates of implicit emotion regulation in adolescents. *Brain, Behavior, and Immunity*, 105:169-79.

69. Bardense MEA, Flannery J, Cavanagh C, Aristizabal M, Becker SE, Berge E, Breaux R, Campione-Barr N, Church JA, Crone EA, Dahl RE, Dennis-Tiwary TA, Dvorsky MR, Dziura SL, van de Groep S, **Ho TC**, Killoren SE, Langberg JM, Larginho TL, Magis-Weinberg L, Michalska KJ, Mullins JL, Nadel H, Porter BM, Prinstein MJ, Redcay E, Rose AJ, Rote WM, Roy AK, Sweijen

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SW, Telzer EH, Teresi GI, Thomas AG, Pfeifer JH (in press) Longitudinal change in adolescent depression and anxiety symptoms from before to during the COVID-19 pandemic. *Journal of Research on Adolescence*, doi: 10.1111/jora.12781.

68. Ojha A, Teresi GI, Slavich G, Gotlib IH, Ho TC (in press) Social stress, fronto-cingulate-limbic morphometry, and symptom course in adolescents with depression: a longitudinal investigation. *Psychological Medicine*, doi: 10.1017/S0033291722002239.

67. Ho TC, Shah R, Mishra J, May AC, Tapert SF (2022) Multi-level predictors of depression symptoms in the Adolescent Brain Cognitive Development (ABCD) Study. *Journal of Child and Psychology and Psychiatry*, doi: 10.1111/jcpp.13608.

66. Chahal R, Ho TC, Miller JG, Borchers LC, Gotlib IH (2022) Sex-specific vulnerability to depressive symptoms across adolescence and during the COVID-19 pandemic: the role of the cingulum bundle. *Journal of Child Psychology and Psychiatry: Advances*.

65. Ho TC, Kulla A, Teresi GI, Sisk LM, Rosenberg-Hasson Y, Maecker HT, Gotlib IH (2022) Inflammatory cytokines and callosal white matter microstructure in adolescents. *Brain, Behavior, and Immunity*, 100:321-331.

64. Harle KM, Ho TC, Connolly CG, Simmons AN#, Yang TT# (2021) The effect of obstructed action efficacy on reward-based decision-making in healthy adolescents: a novel functional MRI task to assay frustration. *Cognitive, Affective, and Behavioral Neuroscience*.

63. Ho TC, King LS (2021) Mechanisms of neuroplasticity linking adversity to depression: developmental considerations. *Translational Psychiatry*, 11(1):517. doi: 10.1038/s41398-021-016396

62. Miller JG, Ho TC, Kirshenbaum JS, Chahal R, Gifuni AJ, Gotlib IH (2021) Testing a Developmental Model of Positive Parenting, Amygdala–Subgenual Anterior Cingulate Cortex Connectivity, and Depressive Symptoms in Adolescents Before and During the COVID-19 Pandemic. *Biological Psychiatry Global Open Science*. doi: 10.1016/j.bpsgos.2021.07.005.

61. Borchers LR, Bruckert L, Chahal R, Mastrovito D, Ho TC, Gotlib IH (2021) White matter microstructural properties of the superior cerebellar peduncles predict change in internalizing symptoms in adolescent girls. *The Cerebellum*, 1-11.

60. Kirshenbaum JS, Chahal R, Ho TC, Gifuni AJ, Mastrovito D, Coury SM, Weisenberger R, Gotlib IH (2021) Correlates and predictors of the severity of suicidal ideation in adolescence: an examination of brain connectomics and psychosocial characteristics. *Journal of Child Psychology and Psychiatry*. doi:10.1111/jcpp.13512.

59. Ho TC*, Sisk LM*, Kulla A, Teresi GI, Hansen MM, Hua W, Gotlib IH (2021) Sex differences in myelin content of white matter tracts in adolescents with depression. *Neuropsychopharmacology*. doi: 10.1038/s41386-021-01078-3.

58. Ho TC, Gifuni AJ, Gotlib IH (2021) The psychobiological risk factors for suicidal thoughts and behaviors during adolescence: a consideration for the role of puberty. *Molecular Psychiatry*. doi: 10.1038/s41380-021-01171-5.

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57. **Ho TC**, Teresi GI, Segarra JR, Ojha A, Walker JC, Jiang F, Gu M, Spielman D, Sacchet MD, Rosenberg-Hasson Y, Maecker H, Gotlib IH (2021) Higher levels of pro-inflammatory cytokines are associated with higher levels of glutamate in the anterior cingulate cortex in depressed adolescents. *Frontiers in Psychiatry*, 12:642976.

56. Gotlib IH, Borchers LR, Chahal R, Gifuni AJ, Teresi GI, **Ho TC** (2021) Early life stress predicts depressive symptoms in adolescents during the COVID-19 pandemic: the mediating role of perceived stress. *Frontiers in Psychiatry*, 11:603748.

55. Chahal R, Kirshenbaum JS, **Ho TC**, Mastrovito D, Gotlib IH (2021) Greater age-related changes in white matter morphometry following early life stress: associations with internalizing problems in adolescence. *Developmental Cognitive Neuroscience*, 47:100899.

54. Tymofiyeva O, Henje E, Yuan JP, Huang CY, Connolly CG, **Ho TC**, Bhandari S, Parks KC, Sipes B, Yang TT, Xu D (2021) Reduced anxiety and changes in amygdala network properties in adolescents with Training for Awareness, Resilience, and Action (TARA). *Neuroimage: Clinical*, 29: 102521.

53. Gifuni AJ, Chakravarty M, Lepage M, **Ho TC**, Geoffroy MC, Lacourse E, Gotlib IH, Turecki G, Renaud J, Jollant F (2021) Brain cortical and subcortical morphometry in adolescents with depression a history of suicide attempt. *Journal of Psychiatry and Neuroscience*, 46(3):E346-E357.

52. Miller JG, Chahal R, Kirshenbaum JS, **Ho TC**, Gifuni AJ, Gotlib IH (2021) Heart rate variability moderates the link between COVID-19 stress and emotional problems in adolescents: evidence for differential susceptibility. *Development and Psychopathology*. Preprint: <https://psyarxiv.com/mp7wt/>

51. Chahal R, Delevish K, Kirshenbaum JS, Borchers L, **Ho TC**, Gotlib IH (2021) Sex differences in pubertal associations with fronto-accumbal white matter morphometry: implications for understanding reward and punishment sensitivity. *Neuroimage*, 226:117598.

50. **Ho TC**, Walker J, Teresi G, Kulla A, Kirshenbaum JS, Gifuni AJ, Singh MK, Gotlib IH (2021) Default mode and salience network alterations in suicidal and non-suicidal self-injurious thoughts and behaviors in adolescents with depression. *Translational Psychiatry*, 11(28): <http://doi.10.1038/s41398-020-01103-x>

49. Leong JK, **Ho TC**, Colich NL, Sisk LM, Knutson B, Gotlib IH (2021) White-matter tract coherence between anterior insula and nucleus accumbens predicts future sensitivity to reward in adolescents. *Developmental Cognitive Neuroscience*, 47:100881.

48. Chahal R, Kirshenbaum JS, Miller JG, **Ho TC**, Gotlib IH (2021) Higher executive control network coherence buffers against puberty-related increases in internalizing symptoms during the COVID-19 pandemic. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 6(1):79-88

47. **Ho TC**, Teresi G, Ojha A, Walker J, Kirshenbaum JS, Singh MK, Gotlib IH (2021) Smaller caudate volume is associated with implicit suicidal ideation in depressed adolescents. *Journal of Affective Disorders*, 278:650-657

46. Walker JC*, Teresi GI*, Weisenburger RL, Segarra JR, Ojha A, Kulla A, Sisk L, Gu M, Spielman DM, Rosenberg-Hasson Y, Maecker HT Singh MK, Gotlib IH, **Ho TC** (2020) Study protocol for

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Teen Inflammation Glutamate Emotion Research (TIGER). *Frontiers in Human Neuroscience*. <https://www.frontiersin.org/articles/10.3389/fnhum.2020.585512/full>

45. Schmaal L, Pozzi E, **Ho TC**, van Velzen L, **ENIGMA MDD Working Group**, Thompson PM, Veltman D (2020) ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. *Translational Psychiatry*, 10:172.

<https://www.nature.com/articles/s41398-020-0842-6>

44. **Ho TC***, **Pham HT***, Miller JG, Kircanski K, Gotlib IH (2020) Sympathetic nervous system dominance during stress recovery mediates associations between stress sensitivity and social anxiety symptoms in female adolescents. *Development and Psychopathology*, 32(5):1914-1925.

43. **Ho TC***, Gutman B*, **ENIGMA MDD Working Group**, Sämann P, Schmaal L (2020) Subcortical shape alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder Working Group. *Human Brain Mapping*. <https://doi.org/10.1002/hbm.24988>

42. **Ho TC**, **Colich NL**, **Sisk LM**, **Oskirko K**, Jo B, Gotlib IH (2020). Sex differences in the effects of gonadal hormones on white matter microstructure development in adolescents. *Developmental Cognitive Neuroscience*, 42:10073. <https://doi.org/10.1016/j.dcn.2020.100773>.

41. **Miller JG**, **Ho TC**, Humphreys KL, King LS, Foland-Ross LC, Colich NL, Ordaz SJ, Lin J, Gotlib IH (2020) Early life stress, frontoamygdala connectivity, and biological aging in adolescence: a longitudinal investigation. *Cerebral Cortex*. <https://doi.org/10.1093/cercor/bhaa057>.

40. Kircanski K*, **Sisk LM***, **Ho TC**, Humphreys KL, King LS, Colich NL, Ordaz SJ, Gotlib IH (2019) Early life stress, cortisol, frontolimbic connectivity, and depressive symptoms during puberty. *Development and Psychopathology*, 31(3):1011-1022. PMID: PMC6688476.

39. **Schwartz J**, Ordaz SJ, Kircanski K, **Ho TC**, Davis EG, Camacho MC, Gotlib IH (2019) Resting-state functional connectivity and inflexibility of daily emotions in major depression. *Journal of Affective Disorders*, 249:26-34. PMID: PMC6446895.

38. Humphreys KL, King LS, Sacchet MD, Camacho MC, Colich NL, Ordaz SJ, **Ho TC**, Gotlib IH (2019) Evidence for a sensitive period in the effects of early life stress on hippocampal volume. *Developmental Science*, 22(3):e12775. PMID: PMC6469988.

37. Yuan J, Henje Blom E, Flynn T, Chen Y, **Ho TC**, Connolly CG, Dumont Walter R, Yang TT, Xu D, Tymofiyeva O (2019) Test-retest reliability of graph theoretic metrics in adolescent brains. *Brain Connectivity*, 9(2):144-154. PMID: PMC6444894.

36. Fischer AF*, Ellwood-Lowe ME*, Colich NL, Cichocki A, **Ho TC**, Gotlib IH (2019) Reward-circuit biomarkers of risk and resilience in adolescent depression. *Journal of Affective Disorders*, 246:902-909. PMID: PMC6391738.

35. **Schwartz J**, Ordaz SJ, **Ho TC**, Gotlib IH (2018) Longitudinal decreases in suicidal ideation are associated with increases in salience network coherence in depressed adolescents. *Journal of Affective Disorders*. 245:545-552. PMID: PMC6367710.

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34. **Ho TC**, Cichocki AC, Gifuni AJ, Camacho MC, Ordaz SJ, Singh MK, Gotlib IH (2018) Reduced dorsal striatum gray matter volume predicts implicit suicidal ideation in adolescents. *Social Cognitive and Affective Neuroscience*. 13(11):1215-1224. PMID: PMC6234322.

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.

32. Haft SL, Duong PH, **Ho TC**, Hendren RL, Hoeft F (2019) Anxiety and attentional bias in children with specific learning disorders. *Journal of Abnormal Child Psychology*, 47(3):487-497.

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.

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*, 75(5):493-502. **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.

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

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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 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.

Tiffany Cheing Ho, Ph.D.

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

4. Harle K, **Ho TC**, Connolly CG, Simmons AN#, Yang TT# (invited revision under review) Frustrative obstruction of reward-based decision-making in adolescent depression: an fMRI study.

3. Gotlib IH, Miller JG, Borchers LR, Coury SM, Costello LA, Garcia JM, **Ho TC** (invited revision under review) Effects of the COVID-19 pandemic on mental health and brain maturation in adolescents: implications for analyzing longitudinal data.

2. Chahal R, **Ho TC**, Kirshenbaum JS, Miller JG, Gotlib IH (invited revision in preparation) Heterogeneity of executive control and default mode networks predicts longitudinal changes in internalizing symptoms during puberty.

1. Chahal R, **Ho TC**, Miller JG, Gotlib IH (invited revision under review) Sex differences in social and environmental factors influencing pubertal development: implications for psychopathology.

PUBLISHED COMMENTARIES

6. **Ho TC** (in press) How racial and ethnic discrimination gets under the skin: inflammatory outcomes in adolescents and young adults of color. *Biological Psychiatry: Global Open Access*. **Editor Invited Commentary.**

5. **Ho TC** (2022) Predicting depression risk in adolescents from multimodal data: current evidence and future directions. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. **Editor Invited Commentary.**

4. **Ho TC** (2022) Toward neurobiological-based treatments of depression and anxiety: a potential case for the nucleus accumbens, *Journal of American Academy of Child and Adolescent Psychiatry*, 1(2):136-138. **Editor Invited Commentary.**

3. **Ho TC** (2019) Stress and neurodevelopment in adolescent depression. *Biological Psychiatry*, 86(10):33-35. **Editor Invited Early Career Investigator Commentary.**

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.**

CO-AUTHORED PUBLICATIONS WITH ENIGMA CONSORTIA

Tiffany Cheing Ho, Ph.D.

12. Kumar K*, Modenato C*, **ENIGMA**, Thompson PM, Jacquemont S (under review) Subcortical brain alterations in carriers of genomic copy number variants.
11. Campos A, **ENIGMA STB Working Group**, Renteria ME (in press). Concurrent validity and reliability of suicide risk assessment instruments: A meta analysis of 20 instruments across 27 international cohorts. *Neuropsychology*.
10. Van Velzen LS, **ENIGMA STB Working Group**, Blumberg HP, Van Harmelen AL, Schmaal L (in press) Structural brain alterations associated with suicidal thoughts and behaviours in young people: results across 21 international studies from ENIGMA Suicidal Thoughts and Behaviours consortium. *Molecular Psychiatry*.
9. Riedel BC*, Zhu D*, **ENIGMA MDD Working Group**, Veltman DJ#, Schmaal L#, Thompson PM# (invited revision under review) MRI based classification of Major Depressive Disorder in 16 Cohorts Worldwide: An ENIGMA machine learning study.
8. Campos AI, **ENIGMA STB Working Group**, Renteria ME (in press) Brain correlates of suicide attempt in 18,925 participants across 18 international cohorts. *Biological Psychiatry*. Preprint: <https://www.medrxiv.org/content/10.1101/2020.05.06.20090191v1>
7. Tahmasian M, **ENIGMA Sleep Working Group** (in press) ENIGMA-Sleep: Challenges, opportunities, and the road map. *Journal of Sleep Research*.
6. Han L, **ENIGMA MDD Working Group**, Schmaal L (2020) Brain aging in major depressive disorder: Results from the ENIGMA Major Depressive Disorder Working Group. *Molecular Psychiatry*. <https://doi.org/10.1038/s41380-020-0754-0>.
5. Thompson PM, **ENIGMA Consortium** (2020) ENIGMA and global neuroscience: a decade of large-scale studies of the brain in health and disease across more than 40 countries. *Translational Psychiatry*. 10(1):1-28.
4. de Kovel CGF, **ENIGMA Laterality Working Group**, Schmaal L, Francks C (2020) No alterations of brain structural asymmetry in Major Depressive Disorder: An ENIGMA consortium mega-analysis. *American Journal of Psychiatry*.
3. Kelly S*, Van Velzen L*, **ENIGMA MDD Working Group**, Jahanshad N#, Schmaal L# (2019) White matter abnormalities in major depression across 2907 individuals: Findings from the ENIGMA Major Depressive Disorder Working Group. *Molecular Psychiatry*. doi: 10.1038/s41380-019-0477-2
2. Tozzi L*, Garczarek L*, **ENIGMA MDD Working Group**, Schmaal L, Frodl T (2019) Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort. *Psychological Medicine*. doi: 10.1017/S003329171900093X.
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 PRESENTATIONS (NATIONAL & INTERNATIONAL)

Tiffany Cheing Ho, Ph.D.

- Fall 2022 Tufts University, Department of Psychiatry (Grand Rounds)
“Stress and Neurodevelopment in Adolescent Depression: The Roles of Inflammation and Glutamate”
- Spring 2022 McGill University, Department of Psychology, Montreal, Quebec
“Social Stress Predicts Persistence of Depression through Fronto-Cingulate-Limbic Pathways in Adolescents”
- Winter 2022 UCLA, Department of Psychology, Los Angeles, CA
“Stress and Neurodevelopment in Adolescent Depression: The Roles of Inflammation and Glutamate”
**talk presented remotely due to COVID-19*
- Fall 2021 Case Western University, Department of Psychology
“Stress and Neurodevelopment in Adolescent Depression: The Roles of Inflammation and Glutamate”
**talk presented remotely due to COVID-19*
- Fall 2021 UCSF, Department of Psychiatry & Behavioral Sciences (CAP Grand Rounds)
“Stress and Neurodevelopment in Adolescent Depression: The Roles of Inflammation and Glutamate”
**talk presented remotely due to COVID-19*
- Winter 2019 UCLA, Department of Psychology, Los Angeles, CA
“Neurobiological Stress Mechanisms in Adolescent Depression: Pathways Toward Early Detection and Prevention”
- Winter 2019 UCSD, Department of Psychiatry, La Jolla, CA
“Neurobiological Stress Mechanisms in Adolescent Depression: Pathways Toward Early Detection and Prevention”
- Fall 2018 UCSF, Department of Psychiatry & Behavioral Sciences, San Francisco, CA
“Neurobiological Stress Mechanisms in Adolescent Depression”

INVITED PRESENTATIONS OR LECTURES (LOCAL)

- Spring 2022 Brain Imaging First Friday Seminar
UCSD, Department of Cognitive Science
“Stress and Neurodevelopment in Adolescent Depression: The Roles of Inflammation and Glutamate”
- Summer 2021 Treatment Resistant Depression Clinic
UCSF, Department of Psychiatry & Behavioral Sciences
“Considerations for Inflammatory Phenotypes of Depression: Current Evidence and Potential Treatments”
- Spring 2021 brainLENS Lab (PI: Fumiko Hoeft)
University of Connecticut, Department of Psychology

Tiffany Cheing Ho, Ph.D.

“Inflammatory and Glutamatergic Pathways Underlying Adolescent Depression”

**talk presented remotely due to COVID-19*

- Spring 2021 Affective Neurodevelopment Research Lab (PI: Sarah Whittle)
University of Melbourne, Department of Psychiatry
“Inflammatory and Glutamatergic Pathways Underlying Adolescent Depression”
**talk presented remotely due to COVID-19*
- Fall 2020 Translational Research on Affective Disorders and Suicide Lab (PI: Randy Auerbach)
Columbia University, Department of Psychiatry
“Inflammatory and Glutamatergic Pathways Underlying Adolescent Depression”
**talk presented remotely due to COVID-19*
- Fall 2020 Guest Lecture for NIIN 597 (Instructor: Lauren Salminen)
USC, Stevens Neuroimaging and Informatics Institute
“Utility of Magnetic Resonance Spectroscopy to Understand Mechanisms of Depression”
**talk presented remotely due to COVID-19*
- Fall 2020 Psychoneuroendocrinology Research Lab (PI: Owen Wolkowitz)
UCSF, Department of Psychiatry, San Francisco, CA
“Structural MRI Markers of Depression”
- Fall 2019 Guest Lecture for Psychology 234 (Instructor: Ian Gotlib)
Stanford University, Department of Psychology, Stanford, CA
“Current Efforts Toward Understanding the Psychology and Neurobiology of Suicidality”
- Spring 2019 Guest Lecture for Psychology 234 (Instructor: Ian Gotlib)
Stanford University, Department of Psychology, Stanford, CA
“Current Efforts Toward Understanding the Psychology and Neurobiology of Suicidality”
- Fall 2018 Psychoneuroendocrinology Research Lab (PI: Owen Wolkowitz)
UCSF, Department of Psychiatry, San Francisco, CA
“Teen Inflammation Glutamate Emotion Research (TIGER): A Novel Neurobiological Model of Adolescent Depression”
- Fall 2018 Precision Psychiatry and Translational Neuroscience Lab (PI: Leanne Williams)
Stanford University, Department of Psychiatry, Stanford, CA
“Neurobiological Stress Mechanisms in Adolescent Depression”
- Fall 2018 Stanford University, Affective Science Seminar, Stanford, CA
“Neurobiological Stress Mechanisms in Adolescent Depression”
- Summer 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”

Tiffany Cheing Ho, Ph.D.

- Winter 2017 Guest Lecture for Psychology 234 (Instructor: Ian Gotlib)
Stanford University, Department of Psychology, Stanford, CA
“**Current Efforts Toward Understanding the Psychology and Neurobiology of Suicidality**”
- Fall 2017 Stanford Cognitive and Systems Neuroscience Laboratory (PI: Vinod Menon)
Stanford University, Department of Psychiatry, Stanford, CA
“**Neural Networks of Adolescent Depression**”
- Spring 2016 UCSF, Psychiatry and Radiology Imaging Workshop, San Francisco CA
“**Task-Positive and Task-Negative Networks in Adolescent Depression**”
- Winter 2016 UCSF, Child and Adolescent Psychiatry Grand Rounds, San Francisco, CA
“**Network Dynamics in Adolescent Depression**”

INVITED CONFERENCE SYMPOSIA

Ho TC (2022) *Peripheral inflammation, anterior cingulate cortex connectivity, and depression in adolescents*. Talk to be presented at the Annual Meeting of the PsychoNeuroImmunology Research Society, Zurich, Switzerland. **Declined due to COVID-19.**

Ho TC (2021) *Default mode and salience network alterations in suicidal and non-suicidal self-injurious thoughts and behaviors in adolescents with depression*. Talk presented at the Annual Meeting of the Society of Research for Child Development. **Symposium co-chair with Andrea Wiglesworth.**

Ho TC (2021) *Structural connectivity of the nucleus accumbens and anterior insula prospectively predicts reward sensitivity in adolescents*. Talk presented at the Annual Meeting of the Social and Affective Neuroscience Society. **Online due to COVID-19.**

Ho TC (2020) *Developmental and Affective Neuroscience Methods*. Talk to be presented at the Society for Affective Science, San Francisco, CA. **Canceled due to COVID-19.**

Ho TC, Humphreys KL, King LS, Colich NL, Schwartz J, Ohashi K, Teicher MH, Gotlib IH (2019). *Sensitive periods of stress and adolescent amygdala–ventromedial prefrontal cortex connectivity*. Talk presented at the Annual Meeting of the Society of Biological Psychiatry, Chicago, IL. **Symposium co-chair with Ryan Herringa.**

Schwartz J, **Ho TC**, Ordaz SJ, Gotlib IH (2019). *Longitudinal decreases in suicidal ideation are associated with increases in salience network coherence in depressed adolescents*. Talk presented at the Annual Meeting of the Society of Biological Psychiatry, Chicago, IL.

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.

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.

SELECT CONFERENCE PRESENTATIONS (full list available upon request)

^denotes presenter when not first-author; *co-first authors; #co-senior authors

Lopez V, Miller JG, Gotlib IH#, **Ho TC#** (2022) Childhood emotional abuse is associated with delayed brain age in depressed adolescents. Poster presented at the Annual Meeting of the Society of Biological Psychiatry. New Orleans, LA.

Garcia JX*, Walker JC*, Gifuni AJ, Gotlib IH#, **Ho TC#** (2021) Executive functioning, negative self-evaluation, and network coherence in depressed adolescents. Poster presented at the Virtual Meeting of the Flux Congress.

Coury SM, Lopez V, Kirshenbaum JS, Teresi GI, Gifuni AJ, Gotlib IH#, **Ho TC#** (2021) Peripheral cytokines, network connectivity, and adolescent depression. Poster presented at the Virtual Meeting of the Flux Congress.

Teresi GI, Kirshenbaum JS, Kahn LE, Allen NB, Gotlib IH#, **Ho TC#** (2021) Smartphone-based assessments of negative language use, central executive network coherence, and depression in adolescents. Poster presented at the Virtual Meeting of the Society of Biological Psychiatry.

Segarra JR*, Teresi GI*, Gu M, Spielman MD, Sacchet M, Rosenberg-Hasson Y, Maecker HT, Gotlib IH#, **Ho TC#** (2021) Inflammatory cytokines and anterior cingulate cortex glutamate in adolescent depression. Poster presented at the Virtual Meeting of the Society of Biological Psychiatry.

Lopez V, Teresi GI, Segarra J, Gotlib IH#, **Ho TC#** (2021) Smaller volumes of the hippocampal subiculum are associated with an inflammatory subtype of adolescent depression. Poster presented at the Virtual Meeting of the Society of Biological Psychiatry.

Walker JC Gifuni AJ, Teresi GI, Weisenburger RL, Kirshenbaum JS, **Ho TC#**, Gotlib IH# (2021) Sensitivity to Life Stress, Amygdala Functional Connectivity, and Internalizing Symptoms in Adolescents. Poster presented at the Virtual Meeting of the Society of Biological Psychiatry.

Kulla A, Teresi GI, Sisk LM, Hansen MM, White A, Miller JG, Gotlib IH#, **Ho TC#** (2021) Higher levels of community disadvantage are associated with lower white matter organization of the uncinate fasciculus and arcuate fasciculus in adolescents. Poster presented at the Virtual Meeting of the Society of Biological Psychiatry.

Ho TC, Walker JC, Teresi GI, Kirshenbaum JS, Gifuni AJ, Singh MK, Gotlib IH (2020) *Default mode and salience network alterations in suicidal and non-suicidal self-injurious thoughts and behaviors in adolescents with depression*. Poster presented at the Virtual Meeting of the American College for Neuropsychopharmacology.

Teresi GI, Weisenburger RL, Walker JC, Segarra JR, Rosenberg-Hasson Y, Maecker HT, Gotlib IH#, **Ho TC#** (2020) *Higher levels of interleukin-6 and tumor necrosis factor-alpha are associated with suicidal ideation in adolescents*. Poster presented at the Virtual Meeting of the International Society of Developmental Psychobiology. **2020 Best Poster Award**.

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Walker JC, Kulla A, Gifuni AJ, Gotlib IH#, **Ho TC#** (2020) *Default mode network coherence is associated with implicit suicidal ideation in adolescents*. Poster presented at the Virtual Meeting of the Flux Congress.

Teresi GI*, Segarra JR*, Miller JG, Sacchet MD, Gotlib IH#, **Ho TC#** (2020) *Severity of depression moderates the association between pollution burden and cortical levels of ascorbic acid in adolescents*. Poster presented at the Virtual Meeting of the Flux Congress.

Kulla A, Sisk LM, Gotlib IH#, **Ho TC#** (2020) *Identifying sensitive markers of myelination in adolescent depression*. Poster presented at the Virtual Meeting of Flux Congress.

Shah R, Mishra J, May A, Tapert SF, **Ho TC** (2020) *Cortical thickness and surface area are not related to concurrent mental health symptoms in the ABCD study*. Poster presented at the Virtual Meeting of Society of Biological Psychiatry.

Ho TC, Sisk LM, Kulla A, Gotlib IH (2020) *Identifying sensitive markers of myelination in adolescent depression*. Poster presented at the Virtual Meeting of Society of Biological Psychiatry.

Teresi GI, Ojha A, Walker JC, Singh MK, Gotlib IH#, **Ho TC#** (2020) *Dorsal Striatal Gray Matter Volume is Associated with Implicit Suicidal ideation in Depressed Adolescents*. Poster presented at the Virtual Meeting of Society of Biological Psychiatry.

Segarra JR, Ojha A, Rosenberg-Hasson Y, Maecker HT, Gotlib IH#, **Ho TC#** (2020) *Elevated concentrations of inflammatory cytokines are associated with cortical thickness of the rostral anterior cingulate cortex in adolescents*. Poster presented at Virtual Meeting of Society of Biological Psychiatry.

Weisenburger R, Segarra J, Walker JC, Teresi GI, Sacchet MD, Singh MK, Gotlib IH#, **Ho TC#** (2020) *Glutamate concentrations in anterior cingulate cortex in depressed adolescents with and without suicidal ideation*. Poster presented at the Virtual Meeting of Society of Biological Psychiatry.

Sanabria MM, Walker JC, Rosenberg-Hasson Y, Maecker HT, Gotlib IH#, **Ho TC#** (2019) *Higher levels of interleukin-6 are associated with higher severity of suicidal ideation in adolescents*. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, Chicago, IL.

Walker JC*, Zhang L*, Ghomi-Hosseini R, Gotlib IH#, **Ho TC#** (2019) *Acoustic vocal features in the subtyping of adolescent depression: a machine learning study*. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, Chicago, IL.

Kulla A, Cichocki A, Rosenberg-Hasson Y, Maecker HT, Gotlib IH#, **Ho TC#** (2019). *Higher levels of interleukin-6 are associated with intrinsic functional connectivity between amygdala and ventromedial prefrontal cortex in depressed adolescents*. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, Chicago, IL.

Sisk LM, Kulla A, Rosenberg-Hasson Y, Maecker HT, Gotlib IH#, **Ho TC#** (2019). *Higher levels of inflammatory proteins are associated with reduced white matter integrity in depressed adolescents*. Poster to be presented at the Annual Meeting of the Society of Biological Psychiatry, Chicago, IL.

Ojha A, Rosenberg-Hasson Y, Maecker HT, Gotlib IH#, **Ho TC#** (2019). *Higher concentrations of interleukin-6 are associated with smaller nucleus accumbens gray matter volume and more severe*

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symptoms in depressed adolescents. Poster presented at the Annual Meeting of the Society of Biological Psychiatry, Chicago, IL.

Sanabria MM*, **Ho TC***, Walker JC, Kulla A, Slavich GM, Gotlib IH (2019) *Lifetime stress exposure, inflammation, and depression severity in depressed adolescents*. Poster presented at the Annual Meeting of the American Psychosomatic Society, Vancouver, Canada.

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 presented at the Annual Meeting of the American College for Neuropsychopharmacology, Hollywood, FL.

Ho TC, Oskirko K, Colich NL, Leong JK, 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.

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, 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**.

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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*. 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**.

AD-HOC JOURNAL REVIEWER

Tiffany Cheing Ho, Ph.D.

American Journal of Psychiatry; Biological Psychiatry; Biological Psychiatry: Cognitive Neuroscience and Neuroimaging; Brain, Behavior, and Immunity; Brain, Behavior, and Immunity: Health; Child Development; Cognition and Emotion; Cognitive, Affective, and Behavioral Neuroscience; Developmental Cognitive 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; Molecular Psychiatry; 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; Translational Psychiatry

Publons profile (starting 2015): <https://publons.com/author/1329575/tiffany-c-ho/>

EDITORIAL SERVICE

Starting 2023	Editorial Board, <i>Journal of Psychopathology and Clinical Science</i>
Starting 2023	Editorial Board, <i>Biological Psychiatry: Global Open Science</i>
2021 – Present	Editorial Board, <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i>
2014 – 2016	Guest Associate Editor, <i>Frontiers in Psychology</i>

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
2020 – Present	Flux Congress
	<ul style="list-style-type: none">• 2021 Flux Mentor• 2022 Panelist
2020 – Present	Social Affective Neuroscience Society
2022 – Present	American College for Neuropsychopharmacology (Associate Member)

DISSERTATION COMMITTEE MEMBER

Priyanka Sigar, Neuroscience, UCLA (Primary Mentor: Lucina Uddin)
Suzanna Donata, Psychology, UCLA (Primary Mentor: Lara Ray)

RESEARCH AND PROFESSIONAL MENTORSHIP

Postdoctoral Researchers/Medical Residents

2019 – 2020	Anthony Gifuni, M.D., Ph.D., Stanford University/McGill University
	<ul style="list-style-type: none">• Currently Clinical Assistant Professor in Psychiatry at McGill University
2018 – 2022	Jonas Miller, Ph.D., Stanford University
	<ul style="list-style-type: none">• Currently Assistant Professor in Psychology at University of Connecticut

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Doctoral Students

- 2021 – 2022 Victoria Han, Clinical Psychology, Palo Alto University
- 2018 – 2019 Josiah Leong, Department of Psychology, Stanford University
- Currently Assistant Professor in Psychology at the University of Arkansas
- 2016 – 2021 Jaclyn Kirshenbaum, Department of Psychology, Stanford University
- Currently Postdoctoral Researcher in Psychiatry at Columbia University
- 2016 – 2018 Akua Nimarko, Neurosciences Program, Stanford University
- Currently Analyst at Boston Consulting Group
- 2016 – 2017 Natalie Colich, Department of Psychology, Stanford University
- Currently Postdoctoral Researcher in Psychology at Harvard University

Undergraduate Honors Thesis Students

- 2021 Alison White, Cognitive Science, University of California, Berkeley (second reader)
- 2019 – 2021 Alexess Sosa, Human Biology, Stanford University
- **2021 Barbara & Sandy Dornbusch Award for Excellence in Research in Human Biology Relating to Families & Children**
- 2017 – 2020 Artenisa Kulla, Human Biology, Stanford University
- Currently M.D. candidate at University of Florida
- 2017 – 2018 Kira Oskirko, Psychology and Gender Studies, Stanford University
- **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

Postbaccalaureate Researchers

- 2021 – Present Sache Coury, Stanford University
- 2021 – Present Vanessa Lopez, Stanford University
- Currently Master's Student in Neuroscience at the University of College, London
- 2020 – 2022 Alison White, Stanford University
- 2019 – 2021 Melissa Hansen, Stanford University
- Currently Ph.D. candidate in Psychology at Colorado State University
- 2019 – 2021 Giana Teresi, Stanford University
- Currently Ph.D. candidate in Clinical Psychology at University of Pittsburgh
- 2018 – 2021 Jillian Segarra, Stanford University
- Currently Engineering Program Manager at Apple
- 2019 Ella-Marie Pyle, Stanford University
- Currently Ph.D. Candidate in Psychology at Denver University
- 2018 Samira Amirazizi, Stanford University
- 2017 – Present Amar Ojha, Stanford University
- Currently Ph.D. candidate in Neuroscience at University of Pittsburgh
- 2017 – 2020 Holly Pham, Stanford University
- Currently Ph.D. candidate in Clinical Psychology at Penn State University
- 2017 – 2020 Michelle Sanabria, Stanford University
- Currently Ph.D. candidate in Clinical Psychology at University of Miami
- 2017 – 2021 Johanna Walker, Stanford University
- Currently Ph.D. candidate in Clinical Psychology at San Diego State University/UCSD
- 2017 – 2018 Tammie Hsu, Stanford University
- 2017 – 2018 Melanie Ngan, Stanford University
- Currently Psy.D. candidate at Fuller Seminary
- 2016 – 2019 Anna Cichocki, Stanford University
- Currently Ph.D. candidate in Clinical Psychology at Northwestern

Tiffany Cheing Ho, Ph.D.

- 2016 – 2021 Lucinda Sisk, Stanford University
- Currently Ph.D. candidate in Psychology at Yale University
- 2016 – 2017 Erika Puente, Stanford University
- 2016 – 2017 Maria “Cat” Camacho, Stanford University
- Currently Ph.D. candidate in Neuroscience at Washington University in St. Louis
- 2016 – 2017 Meghan Goyer, Stanford University
- Currently Ph.D. candidate in Clinical Psychology at Georgia State University
- 2015 – 2018 Justin Yuan, UCSF
- Currently Ph.D. candidate in Psychology at Stanford University
- Summer 2014 Laura Han, University of Amsterdam/UCSF
- Currently Postdoctoral Researcher at the University of Melbourne
- 2014 – 2016 Nisreen Mobayed, UCSD/UCSF
- M.D. from University of Milwaukee
- 2013 – 2015 Mary Luna, UCSD/UCSF
- 2012 – 2015 Audrey Fortezzo, UCSD/UCSF
- P.A. from Duke University
- 2012 – 2014 Napoleon Hoang, UCSD/UCSF
- R.N. from San Francisco State University
- 2012 – 2014 Melanie Chan, UCSD/UCSF
- M.S. in Neuroscience from McGill University
- 2012 – 2013 Guang Yang, UCSD/UCSF
- Currently M.D., Ph.D. candidate at the University of Utah
- 2012 – 2013 Dipavo Banerjee, UCSD/UCSF
- Currently D.O. from Chicago College of Osteopathic Medicine

Undergraduate Researchers

- 2020 – 2021 Alison White, Cognitive Science, UC Berkeley
- 2020 – 2021 Rutvik Shah, Computer Science, Dhirubhai Ambani Institute of Information and Communication Technology
- Currently M.B.A candidate at Yale University
- Summer 2018 Serena Wu, Neuroscience & Behavior, Columbia University
- Currently Ph.D. candidate in Neuroscience at McGill 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 – 2017 Nassa Jumholwang, Psychology, UCSC
- Summer 2012 Joshua Chen, Psychology, UCSD
- M.F.T. from San Diego State University
- 2011 – 2012 Donald Davis, Psychology, UCSD
- 2011 – 2012 Shaheen Modir, Psychology, UCSD
- 2011 – 2012 Dorothy Yen, Psychology, UCSD
- M.S. in Computer Science from UCSD
- 2011 – 2012 Eun-Hae Ku, Psychology, UCSD
- M.P.H. from University of Southern California
- 2010 – 2012 Newton Abuyo, Psychology, UCSD
- M.A. in Psychology from Pepperidge University
- 2009 – 2011 Lilly Wu, Psychology, UCSD
- Ph.D. in Clinical Psychology from Wayne State University
- Summer 2009 Soo-Ryum Yang, Psychology, UCSD

Tiffany Cheing Ho, Ph.D.

- M.D. from Vanderbilt University and currently Assistant Attending Pathologist at Memorial Sloan Kettering Cancer Center
- 2009 – 2010 Lucia Foglia, Philosophy, UCSD
- Adjunct Professor in Philosophy at San Diego City College
- 2009 – 2010 Nafees Hamid, Philosophy, UCSD
- Fellow at ARTIS International and Associate Fellow at the International Center for Counter-Terrorism – The Hague

TEACHING

Instructor of Record

- Spring 2017 PSYC 4420: *Cognitive Processes* (CSU East Bay)
- Summer 2014 PSYD 7309: *Applications of Clinical Research* (John F. Kennedy University)

Guest Lectures

- Fall 2020 NIIN 597: *Current Topics in Neuroimaging Informatics* (USC)
- Spring 2019 PSYC 234: *Topics in Depression* (Stanford)
- Spring 2018 PSYC 4420: *Cognitive Processes* (CSU East Bay)
- Fall 2017 PSYC 234: *Topics in Depression* (Stanford)

COMMUNITY OUTREACH

- 2015 NIH Bridges to Baccalaureate Program
- 2016-2019 Palo Alto Association for Women in Science Mentoring Program
- 2016-2019 Stanford Psychology Graduate Application Mentors Program
- 2016-2019 Stanford Science Penpals Program
- 2021, 2022 Application Statement Feedback Program (<https://www.asfp.io/>)