

Wan-Ling Tseng, Ph.D.

Yale Child Study Center
Yale University School of Medicine
230 S. Frontage Road
New Haven, CT 06519
Phone: 203-785-6825
Email: wan-ling.tseng@yale.edu

PROFESSIONAL APPOINTMENT

2019-present **Assistant Professor**
Yale Child Study Center, School of Medicine, Yale University

EDUCATION

2013-2019 **Postdoctoral Research Fellow**
Section on Mood Dysregulation and Neuroscience, Emotion and Development
Branch, National Institute of Mental Health
Advisor: Dr. Ellen Leibenluft

2007-2012 **M.A. & Ph.D. in Child Psychology** (Minor in Statistics and Measurement)
Institute of Child Development, University of Minnesota
Advisor: Dr. Nicki R. Crick

1998-2003 **B.S. in Psychology** (Minor in Social Work)
National Taiwan University, Taipei, Taiwan

HONORS & AWARDS

2021 **American College of Neuropsychopharmacology Travel Award**

2021 **Member of the Janeway Society**, Yale School of Medicine

2016 **NIMH Office of Fellowship Training Trainee Travel Award** (\$1,000)

2015 **NIH Fellows Award for Research Excellence** (\$1,000)

2015 **Scholar and Awardee of the Career Development Institute for Bipolar Disorder**, University of Pittsburgh, funded by Grant R13MH077415 from the NIMH

2015 **Society of Biological Psychiatry Travel Award** (\$2,500)

2012 **Relational Aggression Conference Travel Award** (\$500)

2011 **Glen and Esther Shingledecker Scholarship**, Institute of Child Development, University of Minnesota, for outstanding research and academic Performance (\$2,500)

2009, 2011 **Institute of Child Development Travel Award** (\$600)

RESEARCH FUNDING

2017-2022 **K99/R00MH110570, NIH Pathway to Independence Award**, NIMH
Title: Neural Mechanisms of Irritability: A Dimensional Approach with

- Integration of Multi-Voxel Pattern Analysis and Univariate Analysis
Estimated funding: \$747,000 (total costs). Role: PI
- 2021-2022 **Junior Faculty Development Fund**, Yale Child Study Center, Yale School of Medicine
Title: Association of Irritability and Anhedonia with Reward Processing: An ERP study in Young Adults
Funding: \$15,000. Role: PI
- 2021-2022 **Doris Duke Fund to Retain Clinical Scientists (FRCS)**, Yale School of Medicine and Yale Center for Clinical Investigation
Funding: \$31,250. Role: PI
- 2020-2021 **COVID Gap Funding**, Office of the Dean & Yale Child Study Center, Yale School of Medicine
Funding: \$50,000. Role: PI
- 2019-2021 **R01HD083881**, NICHD
Title: Neural Mechanisms of CBT for Anxiety in Autism
Estimated funding: \$346,505. Role: Co-I (PI: Denis Sukhodolsky, PhD)
- 2019-2020 **Junior Faculty Development Fund**, Yale Child Study Center, Yale School of Medicine
Title: Developmental Trajectories of Childhood Irritability: Neural Correlates and Associations with Parenting
Funding: \$15,000. Role: PI
- 2008 **Student Grant**, Institute of Child Development, University of Minnesota
Title: Relational Aggression, Psychological Adjustment, and Parenting among Taiwanese Children.
Funding: \$500. Role: PI
- 2008 **Student Grant**, Institute of Child Development, University of Minnesota
Title: Relational-Interdependent Views of Self: Associations with Relational Aggression and Social-Psychological Adjustment Problems.
Funding: \$500. Role: Co-PI (Co-PI: Yoshito Kawabata, PhD)

PUBLICATIONS

* indicates equal contribution as the first author

indicates undergraduates, postbacs, or graduate students under my supervision

1. #Lee, K. S., Xiao, J., Luo, J., Leibenluft, E., Liew, Z., & **Tseng, W. L.** (in press). Characterizing the neural correlates of response inhibition and error processing in children with symptoms of irritability and/or attention-deficit/hyperactivity disorder in the ABCD study. *Frontiers in Psychiatry*.
2. #Lee, K. S., Xiao, J., Liew, Z., Gau, S.S., & **Tseng, W. L.** (in press). Perinatal and birth correlates of childhood irritability in Taiwan's National Epidemiological Study. *Journal of Affective Disorders*.
3. **Tseng, W. L.**, Abend, R., Gold, A. L., & Brotman, M. A. (2021). Neural correlates of

extinguished threat recall underlying the commonality between pediatric anxiety and irritability. *Journal of Affective Disorders*, 295, 920-929.

4. *Xia, Y., *Xiao, J., Yu, Y., **Tseng, W. L.**, Lebowitz, E., Dewan, A. T., Pedersen, L. H., Olsen, J., Li, J., & Liew, Z. (2021). Rates of neuropsychiatric disorder and gestational age at birth in a Danish population. *JAMA Network Open*, 4, e2114913.
5. Arnsten, A., Condon, E. M., Dettmer, A. M., Gee, D. G., #Lee, K. S., Mayes, L., Stover, C. S., **Tseng, W. L.**, & Yale Early Stress and Adversity Consortium (2021). The prefrontal cortex in a pandemic: Restoring functions with system-, family-, and individual-focused interventions. *American Psychologist*, 76(5), 729-743. doi: 10.1037/amp0000823. Epub ahead of print. PMID: 33983754.
6. Scheinost, D., Dadashkarimi, J., Finn, E., #Wambach, C. G., #MacGillivray, C., #Roule, A. L., Niendam, T. A., Pine, D. S., Brotman, M. A., Leibenluft, E. & **Tseng, W. L.** (2021). Functional connectivity during frustration: A preliminary study of predictive modeling of irritability in youth. *Neuropsychopharmacology*, 46, 1300-1306.
7. Lin, Y. J., **Tseng, W. L.**, & Gau, S.S. (2021). Psychiatric comorbidity and social adjustment difficulties in youth with disruptive mood dysregulation disorder: A national epidemiological study. *Journal of Affective Disorders*, 281, 485-492.
8. #*Ross, A. J., #*Roule, A. L., Deveney, C. M., Towbin, K. E., Brotman, M. A., Leibenluft, E., & **Tseng, W. L.** (2021). A preliminary study on functional connectivity during frustration in youths with bipolar disorder. *Bipolar Disorders*, 23, 263-273.
9. Henriksen, M., Skrove, M., Børmark Hoftu, G., Sund, E. R., Lydersen, S., **Tseng, W. L.**, Sukhodolsky, D. (2021). Developmental course and risk factors of physical aggression in late adolescence. *Child Psychiatry & Human Development*, 52, 628-639.
10. Inouea, K., Ritz, B., Ernst, A., **Tseng, W. L.**, Yuan, Y., Qi, M., Ramlau-Hansen, C. H., Strandberg-Larsen, K., Arah, O., Obel, C., Li, J., Olsen, J., & Liew, Z. (2021). Behavioral problems at age 11 years after prenatal and postnatal exposures to acetaminophen: parent-reported and self-reported outcomes. *American Journal of Epidemiology*, 190, 1009-1020.
11. **Tseng, W. L.** (2020). Editorial: A transdiagnostic symptom requires a transdiagnostic approach: Neural mechanisms of pediatric irritability. *Journal of the American Academy of Child & Adolescent Psychiatry*, 59, 1327-1329.
12. Seng, G. J., ***Tseng, W. L.**, Chiu, Y. N., Wu, Y. Y., & Gau, S. S. (2020). Executive functions in youths with autism spectrum disorder and their unaffected siblings. *Psychological Medicine*. 2020 Apr 30:1-10. doi: 10.1017/S0033291720001075. Epub ahead of print. PMID: 32349803.
13. Condon, E. M., Dettmer, A. M., Gee, D. G., Hagan, C., #Lee, K. S., Mayes, L., Stover, C. S., & **Tseng, W. L.** (2020). Commentary: COVID-19 and mental health equity in the United States. *Frontiers in Sociology*, 5, 584390.
14. Luo, J., Xiao, J., Gao, Y., Ramlau-Hansen, C., Toft, G., Li, J., Obel, C., Andersen, S. L., Deziel, N. C., **Tseng, W. L.**, Inoue, K., Bonefeld-Jørgensen, E. C., Olsen, J., & Liew, Z. (2020). Prenatal exposure to perfluoroalkyl substances and behavioral difficulties in childhood at 7 and 11 years. *Environmental Research*, 191, 110111.
15. Cheng, A., **Tseng, W. L.**, & Gau, S.S. (2020). A deep learning approach for missing data imputation of rating scales assessing attention-deficit hyperactivity disorder. *Frontiers in Psychiatry*, 11, 673.

16. Grazioplene, R. G., ***Tseng, W. L.**, Cimino, K., Kalvin, C., Ibrahim, K., Pelphrey, K. A., & Sukhodolsky, D. G. (2020). Fixel-based diffusion magnetic resonance imaging reveals novel associations between white matter microstructure and childhood aggressive behavior. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 5(5), 490-498.
17. Kawabata, Y. & **Tseng, W. L.** (2019). Relational and physical victimization, friendship, and social and school adjustment in Taiwan. *Journal of Social and Personal Relationships*, 36(6), 1559-1578.
18. Chen, Y. L., ***Tseng, W. L.**, Yang, L. K., & Gau, S. S. (2019). Gender and age differences in sleep problems in children: Person-oriented approach with multi-group analysis. *Behavioral Sleep Medicine*, 17(3), 302-313.
19. Tsai, F. J., ***Tseng, W. L.**, Yang, L. K., & Gau, S. S. (2019). Psychiatric comorbid patterns in adults with attention-deficit hyperactivity disorder: Treatment effect and subtypes. *PLoS ONE*, 14(2), e0211873.
20. **Tseng, W. L.**, Deveney, C. M., Stoddard, J., Kircanski, K., Frackman, A. E., #Yi, J., #Hsu, D., #Moroney, E., #Machlin, L., #Donahue, L., #Roule, A., #Perhamus, G., Reynolds, R. C., Roberson-Nay, R., Hettema, J. M., Towbin, K. E., Stringaris, A., Pine, D. S., Brotman, M. A., & Leibenluft, E. (2019). Brain mechanisms of attention orienting following frustration: Associations with irritability and age in youth. *American Journal of Psychiatry*, 176, 67-76.
21. Kircanski, K., White, L. K., **Tseng, W. L.**, Wiggins, J. L., #Frank, H., Sequeira, S., Zhang, S., Towbin, K. E., Stringaris, S., Pine, D. S., Leibenluft, E., & Brotman, M. A. (2018). A latent variable approach to differentiating neural mechanisms of irritability and anxiety in youth. *JAMA Psychiatry*, 75, 631-639.
22. Kawabata, Y., **Tseng, W. L.**, & Murray-Close, D. (2017). Relational-interdependent self-construal and gender predicting blood pressure reactivity and recovery from stress in early adolescence. *Journal of Research on Adolescence*, 27, 782-796.
23. **Tseng, W. L.**, #Moroney, E., #Machlin, L., Roberson-Nay, R., Hettema, J. M., Carney, D., Stoddard, J., Towbin, K. A., Pine, D. S., Leibenluft, E., & Brotman, M. A. (2017). Test-retest reliability and validity of a frustration paradigm and irritability measures. *Journal of Affective Disorders*, 212, 38-45.
24. Stoddard, J., **Tseng, W. L.**, Kim, P., Chen, G., Yi, J., Donahue, L., Brotman, M. A., Towbin, K. A., Pine, D. S., & Leibenluft, E. (2017). Association of irritability and anxiety with the neural mechanisms of implicit face emotion processing in youths with psychopathology. *JAMA Psychiatry*, 74, 95-103.
25. **Tseng, W. L.**, Thomas, L. A., #Harkins, E., Stoddard, J., Zarate, C. A., Pine, D. S., Leibenluft, E., & Brotman, M. A. (2016). Functional connectivity during masked and unmasked face emotion processing in bipolar disorder. *Psychiatry Research: Neuroimaging*, 258, 1-9.
26. **Tseng, W. L.**, Thomas, L. A., #Harkins, E., Pine, D. S., Leibenluft, E., & Brotman, M. A. (2016). Neural correlates of masked and unmasked face emotion processing in severe mood dysregulation. *Social Cognitive and Affective Neuroscience*, 11, 78-88.
27. ***Tseng, W. L.**, Guyer, A. E., Briggs-Gowan, M. J., Axelson, D., Birmaher, B., Egger, H. L., Helm, J., Stowe, Z., Towbin, K. A., Wakschlag, L. S., Leibenluft, E., & Brotman, M. A. (2015). Behavior and emotion modulation deficits in preschoolers at risk for bipolar disorder. *Depression and Anxiety*, 32, 325-334.

28. Gau, S. S., ***Tseng, W. L.**, Tseng, W. I., Wu, Y. H., & Lo, Y. C. (2015). Association between microstructural integrity of the frontostriatal tracts and school functioning: ADHD symptoms and executive function as mediators. *Psychological Medicine*, 45, 529-543.
29. **Tseng, W. L.**, Bones, B. L., Kayser, R. R., Olsavsky, A. K., Fromm, S. J., Pine, D. S., Leibenluft, E., & Brotman, M. A. (2015). An fMRI study of emotional face encoding in youth at risk for bipolar disorder. *European Psychiatry*, 30, 94-98.
30. **Tseng, W. L.**, Kawabata, Y., Gau, S. S., & Crick, N. R. (2014). Symptoms of attention-deficit/hyperactivity disorder and peer functioning: A transactional model of development. *Journal of Abnormal Child Psychology*, 42, 1353-1365.
31. Kawabata, Y., **Tseng, W. L.**, & Crick, N. R. (2014). Mechanisms and processes of relational and physical victimization, depressive symptoms, and children's relational-interdependent self-construals: Implications for peer relationships and psychopathology. *Development and Psychopathology*, 26, 619-634.
32. Banny, A. M., **Tseng, W. L.**, Murray-Close, D., Pitula, C., & Crick, N. R. (2014). Borderline personality features as a predictor of forms and functions of aggression during middle childhood: Examining the roles of gender and physiological reactivity. *Development and Psychopathology*, 26, 789-804.
33. Murray-Close, D., Crick, N. R., **Tseng, W. L.**, Lafko, N., Burrows, C., Pitula, C., & Ralston, P. (2014). Physiological stress reactivity and physical and relational aggression: The moderating roles of victimization, type of stressor, and child gender. *Development and Psychopathology*, 26, 589-603.
34. Brotman, M. A., **Tseng, W. L.**, Olsavsky, A. K., Fromm, S. J., Muhrer, E. J., Rutenberg, J. G., Deveney, C. M., Adleman, N. E., Zarate, C. A., Pine, D. S., & Leibenluft, E. (2014). Fronto-limbic-striatal dysfunction in pediatric and adult patients with bipolar disorder: Impact of face emotion and attentional demands. *Psychological Medicine*, 44, 1639-1651.
35. Kawabata, Y., **Tseng, W. L.**, & Crick, N. R. (2014). Adaptive, maladaptive, mediational, and bidirectional processes of relational and physical aggression, relational and physical victimization, and peer liking. *Aggressive Behavior*, 40, 273-287.
36. Tseng, M. C., Gau, S. S., **Tseng, W. L.**, Hwu, H. G., & Lee, M. B. (2014). Co-occurring eating and psychiatric symptoms in Taiwanese college students: Effects of gender and parental factors. *Journal of Clinical Psychology*, 70, 224-237.
37. **Tseng, W. L.**, Leibenluft, E., & Brotman, M. A. (2014). *A systems neuroscience approach to the pathophysiology of pediatric mood and anxiety disorders*. In S. Andersen & D. Pine (Eds.), *Current Topics in Behavioral Neuroscience: Vol. 16. The Neurobiology of Childhood* (pp. 297-317). New York, NY: Springer-Verlag.
38. **Tseng, W. L.**, & Gau, S. S. (2013). Executive function as a mediator for the link between attention-deficit/hyperactivity disorder and social problems. *Journal of Child Psychology and Psychiatry*, 54, 996-1004.
39. **Tseng, W. L.**, Banny, A. M., Kawabata, Y., & Crick, N. R. (2013). A cross-lagged structural equation model of relational aggression, physical aggression, and peer status in a Chinese culture. *Aggressive Behavior*, 39, 301-315.
40. Hsiao, M. N., ***Tseng, W. L.**, Huang, H. Y., & Gau, S. S. (2013). Effects of autistic traits on social and school adjustment in children and adolescents: The moderating roles of age and gender. *Research in Developmental Disabilities*, 34, 254-265.

41. Kawabata, Y., **Tseng, W. L.**, Murray-Close, D., & Crick, N. R. (2012). Developmental trajectories of Chinese children's relational and physical aggression: Associations with social-psychological adjustment problems. *Journal of Abnormal Child Psychology*, *40*, 1087-1097.
42. **Tseng, W. L.**, Kawabata, Y., Gau, S. S., Banny, A. M., Lingras, K. A., & Crick, N. R. (2012). Relations of inattention and hyperactivity/impulsivity to preadolescent peer functioning: The mediating roles of aggressive and prosocial behaviors. *Journal of Clinical Child and Adolescent Psychology*, *41*, 275-287.
43. Kawabata, Y., **Tseng, W. L.**, & Gau, S. S. (2012). Symptoms of attention-deficit/hyperactivity disorder and social and school adjustment: The moderating roles of age and parenting. *Journal of Abnormal Child Psychology*, *40*, 177-188.
44. Kawabata, Y., Alink, L. R. A., **Tseng, W. L.**, Van IJzendoorn, M. H., & Crick, N. R. (2011). Maternal and paternal parenting styles associated with relational aggression in children and adolescents: A conceptual analysis and meta-analytic review. *Developmental Review*, *31*, 240-278.
45. **Tseng, W. L.**, Kawabata, Y., & Gau, S. S. (2011). Social adjustment among Taiwanese children with symptoms of ADHD, ODD, and ADHD comorbid with ODD. *Child Psychiatry and Human Development*, *42*, 134-151.
46. Gau, S. S., Kessler, R. C., **Tseng, W. L.**, Wu, Y. Y., Chiu, Y. N., Yeh, C. B., & Hwu, H. G. (2007). Association between sleep problems and symptoms of attention-deficit/hyperactivity disorder in young adults. *Sleep*, *30*, 195-201.
47. Gau, S. S., Huang, Y. S., Soong, W. T., Chou, M. C., Chou, Y. C., Shang, C. Y., **Tseng, W. L.**, Allen, A. J., & Lee, P. (2007). A randomized, double-blind, placebo-controlled clinical trial on once-daily atomoxetine hydrochloride in Taiwanese children and adolescents with attention-deficit/hyperactivity disorder. *Journal of Child and Adolescent Psychopharmacology*, *17*, 447-460.

INVITED TALKS

- 2022 Section on Mood Dysregulation and Neuroscience, Emotion and Development Branch, National Institute of Mental Health Intramural Program, Bethesda, MD
"Distinct and shared neural mechanisms of irritability and ADHD symptoms"
- 2021 The Affect Regulation and Cognition (ARC) Lab, Department of Psychology, Yale University, New Haven, CT
"Childhood Irritability: A Developmental Neuroscience Perspective"
- 2021 Yale Center for Clinical Investigation (YCCI) Research In Progress Series, Yale School of Medicine, Yale University, New Haven, CT
"Development and Mechanisms of Childhood Irritability: From Brain to Neighborhood"
- 2021 Developmental Science Summer Intern Seminars, Yale Child Study Center, Yale University, New Haven, CT
"Childhood Irritability: A Developmental Neuroscience Perspective"
- 2020 Section on Development and Affective Neuroscience, Emotion and Development Branch, National Institute of Mental Health Intramural Program, Bethesda, MD
"Distinct and shared neural mechanisms of pediatric anxiety and irritability during recall of extinguished threat"
- 2020 Grand Rounds, Yale Child Study Center, Yale University, New Haven, CT

- “Waking up on the wrong side of the bed”
- 2019 fMRI Seminar, Department of Radiology & Biomedical Imaging, Yale University, New Haven, CT
- “Brain Mechanisms of Irritability in Youth”
- 2018 Department of Psychiatry, National Taiwan University & Hospital, Taipei, Taiwan
- “Understanding the Brain Mechanisms of Childhood Irritability”
- 2018 NIMH Fellows’ Afternoon Neuroscience Seminar (FANS), Bethesda, MD
- 2018 Yale Child Study Center, Yale University, New Haven, CT
- 2018 Laureate Institute for Brain Research, Tulsa, OK
- 2017 Department of Psychological & Brain Sciences, Boston University, Boston, MA
- 2017 Department of Psychology, University of Hawaii, Honolulu, HI
- 2017 2nd Congress on Pediatric Irritability and Dysregulation, Burlington, VT
- “Pathophysiology of Childhood Irritability: Insights from Neuroimaging of Frustration and Irritability”
- 2017 19th Annual NIMH IRP Fellows’ Scientific Training Day, Leesburg, VA
- “Neural Mechanisms of Frustration and Irritability across Diagnoses”
- 2017 Department of Psychiatry, National Taiwan University & Hospital, Taipei, Taiwan
- “Neural Mechanisms of Frustration: Associations with Irritability in Youth”
- 2012 Emotion and Development Branch, NIMH, Bethesda, MD
- “Peer Functioning in Children and Adolescents with Attention-Deficit/Hyperactivity Disorder (ADHD)”
- 2010 12th Annual Meeting of the Taiwanese Society of Child and Adolescent Psychiatry, Taipei, Taiwan
- “Concurrent and longitudinal associations between symptoms of attention-deficit/hyperactivity disorder and peer functioning”

CONFERENCE PRESENTATIONS (SELECTED)

- **Tseng, W. L.** (2021, December). The use of frustrative nonreward paradigms to identify neural targets for treatments of irritability. Presentation accepted as part of a Study Group entitled *Irritability: Translational Approaches to Pathophysiology and Treatment Development* at the Annual Meeting of the American College of Neuropsychopharmacology, San Juan, Puerto Rico. Other participants include Leibenluft, E., Jha, M., Brotman, M., Fava, M., Russo, S., Eshel, N., Kenwood, M., Wakschlag, L., Satterthwaite, T., & Trivedi, M.
- **Tseng, W. L.,** Lee, K. S., Xiao, J., Luo, J., Leibenluft, E., & Liew, Z. (2021, December). Neural activation during response inhibition, but not error processing, differentiated distinct symptom profiles of irritability and attention-deficit/hyperactivity disorder in the ABCD Study. Poster to be presented at the Annual Meeting of the American College of Neuropsychopharmacology, San Juan, Puerto Rico.
- **Tseng, W. L.,** #McAdam, E. F., & Scheinost, D. (2021, April). Functional connectivity during frustration: Predictive modeling of irritability in children and adolescents. Paper presented as part of a symposium entitled *Using Connectomics and Machine Learning to Examine Brain Development* at the Biennial Meeting of the Society for Research in Child Development, Virtual Meeting.
- **Tseng, W. L.,** Abend, R., Gold, A. L., & Brotman, M. A. (2020, December). Parsing distinct and common neural mechanisms of response to learned threat in childhood anxiety and irritability. Poster presented at the Annual Meeting of the American College of Neuropsychopharmacology, Virtual Meeting.

- **Tseng, W. L.**, Scheinost, D., Pine, D. S., Brotman, M. A., Leibenluft, E. (2020, June). Functional connectivity during frustration is predictive of individual differences in irritability. Poster accepted for presentation at the Annual Meeting of the Organization for Human Brain Mapping, Virtual Meeting.
- **Tseng, W. L.**, Scheinost, D., Pine, D. S., Brotman, M. A., Leibenluft, E. (2020, April). Functional connectivity during frustration is predictive of irritability in youth. Paper accepted for presentation at the Annual Meeting of the Society of Biological Psychiatry, New York City, NY.
- **Tseng, W. L.**, #Hagan, C., #Lee, K. S. (2020, March). Neural mechanisms of frustration in youth with irritability and/or anxiety. Paper accepted for presentation as part of a symposium entitled *Advances in Child Anxiety and Related Disorders – From Biology to Behavior* at the Annual Meeting of the Anxiety and Depression Association of America, San Antonio, TX. – Conference was cancelled due to the COVID-19 pandemic.
- **Tseng, W. L.**, #Wambach, C., #Macgillivray, B. A., #Roule, A. L., Towbin, K., Niendam, T. A., Pine, D. S., Brotman, M. A., & Leibenluft, E. (2018, December). Cognitive flexibility under frustration: Transdiagnostic neural mechanisms of irritability. Poster presented at the Annual Meeting of the American College of Neuropsychopharmacology, Hollywood, Florida.
- #Ross, A. J., **Tseng, W. L.**, Deveney, C. M., Roule, A. L., Towbin, K., Stringaris, A., Pine, D. S., Brotman, M. A., & Leibenluft, E. (2018, November). Functional connectivity during frustration in pediatric bipolar disorder. Poster presented at the 52nd Annual Convention of the Association for Behavioral and Cognitive Therapies, Washington DC.
- #Roule, A., **Tseng, W. L.**, Deveney, C. M., Towbin, K., Stringaris, A., Pine, D. S., Brotman, M. A., & Leibenluft, E. (2017, August). Attention performance and affect during frustration in pediatric bipolar disorder. Poster presented at the 125th American Psychological Association (APA) Annual Convention, Washington DC.
- **Tseng, W. L.**, Deveney, C. M., Stoddard, J., Frackman, A. E., #Yi, J., #Hsu, D., #Moroney, E., #Machlin, L., #Donahue, L., #Roule, A., #Perhamus, G., Reynolds, R. C., Roberson-Nay, R., Hettema, J. M., Towbin, K. E., Stringaris, A., Pine, D. S., Brotman, M. A., & Leibenluft, E. (2017, May). Neural mechanisms of frustration and irritability across diagnoses. Paper presented as part of a symposium (co-chair) entitled *Childhood Irritability: Insights from Multiple Brain-Based Modalities* at the Annual Meeting of the Society of Biological Psychiatry, San Diego, California.
- #Roule, A., **Tseng, W. L.**, #Wambach, C., #Macgillivray, C., Towbin, K. E., Stringaris, A., Pine, D. S., Brotman, M. A., & Leibenluft, E. (2017, May). Neural correlates of cognitive flexibility under frustration across the dimension of childhood irritability. Poster presented at the Postbac Poster Day at the National Institutes of Health, Bethesda, Maryland.
- **Tseng, W. L.**, #Moroney, E., #Machlin, L., Roberson-Nay, R., Hettema, J. M., Carney, D., Stoddard, J., Towbin, K., Pine, D. S., Leibenluft, E., & Brotman, M. A. (2017, April). Measuring irritability: Behavioral, clinical, and neural constructs. Paper presented as part of a symposium entitled *RDoC Negative Valence Systems: Findings from Two Genetically Informative Epidemiological Twin Studies* at the Annual Meeting of the Anxiety and Depression Association of America, San Francisco, California.
- Kircanski, K., White, L. K., **Tseng, W. L.**, Wiggins, J., #Frank, H., Sequeira, S., Pine, D. S., Leibenluft, E., & Brotman, M. A. (2016, October). Neural correlates of threat bias in

irritability and anxiety. Paper presented as part of a symposium entitled *Pathophysiology of Irritability: Integrating Clinical Psychology and Developmental Neuroscience* at the Annual Convention of the Association for Behavioral and Cognitive Therapies, New York City, New York.

- Brotman, M. A., **Tseng, W. L.**, Wiggins, J., Kircanski, K., White, L. K., #Frank, H., Pine, D., & Leibenluft, E. (2015, December). Neural correlates of attention bias in irritability and anxiety. Poster presented at the Annual Meeting of the American College of Neuropsychopharmacology, Hollywood, Florida.
- **Tseng, W. L.**, Brotman, M. A., Deveney, C. M., #Donahue, L., #Moroney, E., #Machlin, L., Towbin, K., Pine, D. S., & Leibenluft, E. (2015, September). Neural correlates of pediatric irritability: Categorical and dimensional approaches. Poster presented at the 1st Congress on Pediatric Irritability and Dysregulation, Burlington, Vermont.
- **Tseng, W. L.**, Brotman, M. A., Deveney, C. M., #Machlin, L., #Moroney, E., Towbin, K., Pine, D. S., & Leibenluft, E. (2015, May). Neural correlates of irritability across diagnoses: Categorical and dimensional approaches. Paper presented as part of a symposium (co-chair) entitled *Neural and Genetic Basis of Childhood Irritability: Implications for Neurobiologically-informed Treatment Approaches* at the Annual Meeting of the Society of Biological Psychiatry, Toronto, Canada.
- **Tseng, W. L.**, & Gau, S. S. (2015, March). Concurrent and longitudinal associations between irritability and anxious/depressed symptoms in early adolescence. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania.
- **Tseng, W. L.**, Brotman, M. A., Deveney, C. M., #Machlin, L., #Moroney, E., Towbin, K., Pine, D. S., & Leibenluft, E. (2014, December). Neural mechanisms of irritability in youth across diagnoses: Dimensional and categorical approaches. Poster presented at the Annual Meeting of the American College of Neuropsychopharmacology, Phoenix, Arizona.
- Brotman, M. A., **Tseng, W. L.**, #Harkins, E., Thomas, L. A., Pine, D. S., & Leibenluft, E. (2014, December). Neural circuitry of masked emotional face processing in youth with severe mood dysregulation. Poster presented at the Annual Meeting of the American College of Neuropsychopharmacology, Phoenix, Arizona.
- #Moroney, E., **Tseng, W. L.**, Deveney, C. M., Towbin, K., Pine, D. S., Brotman, M. A., & Leibenluft, E. (2014, November). Using a frustration task to examine the neural correlates of irritability across diagnoses. Poster presented at the 48th Annual Convention of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA.
- #Machlin, L., **Tseng, W. L.**, #Moroney, E., Deveney, C. M., Towbin, K., Pine, D. S., Brotman, M. A., & Leibenluft, E. (2014, September). Associations between irritability and neural activity during a frustrating attentional task. Poster presented at the 28th Annual Research Festival at the National Institutes of Health, Bethesda, Maryland.
- #Hoemberg, K., **Tseng, W. L.**, Murray-Close, D., & Crick, N. R. (2014, March). Physiological stress reactivity and depressive symptoms in early adolescence. Poster presented at the Biennial Meeting of the Society for Research on Adolescence, Austin, Texas.
- **Tseng, W. L.**, Deveney, C. M., Guyer, A. E., #Yi, J., Espy, K., Wakschlag, L. S., Towbin, K., Leibenluft, E., & Brotman, M. A. (2013, December). Responses to blocked goal attainment in the study of irritability. Poster presented at the Annual Meeting of the American College of

Neuropsychopharmacology, Hollywood, Florida.

- **Tseng, W. L.**, Kawabata, Y., Crick, N. R., & Gau, S. S. (2013, April). Evidence for a vicious cycle between attention-deficit/hyperactivity disorder and peer relationship problems. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, Washington.
- Banny, A. M., **Tseng, W. L.**, Pitula, C., & Crick, N. R. (2013, April). Gender, relational aggression, and borderline personality disorder features in middle childhood. Paper presented as part of a symposium entitled *Developmental Precursors to Borderline Personality Disorder: New Approaches, New Findings* at the Biennial Meeting of the Society for Research in Child Development, Seattle, Washington.
- Murray-Close, D., Crick, N. R., **Tseng, W. L.**, Lafko, N., Burrows, C., & Pitula, C. (2013, April). Autonomic reactivity to stress and physical and relational aggression: The moderating roles of victimization, type of task, and child gender. Paper presented as part of a symposium entitled *Autonomic Reactivity to Stress and Forms and Functions of Aggression: Moderating Factors across Development* at the Biennial Meeting of the Society for Research in Child Development, Seattle, Washington.
- Pitula, C., Murray-Close, D., **Tseng, W. L.**, Banny, A. M., & Crick, N. R. (2013, April). Longitudinal associations between hostile attribution bias and peer victimization: The moderating roles of autonomic reactivity to stress and gender. Paper presented as part of a symposium entitled *The Development of Hostile Attribution Biases and Peer Victimization* at the Biennial Meeting of the Society for Research in Child Development, Seattle, Washington.
- #Hoemberg, K., **Tseng, W. L.**, & Crick, N. R. (2013, April). Peer victimization and depressive symptoms: Comparison of European-American children and Asian-American children. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, Washington.
- #Whitley, M., **Tseng, W. L.**, & Crick, N. R. (2013, April). Differentiating forms and functions of aggression in early childhood as predicted by parenting. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, Washington.
- #Campbell, N., Pitula, C., **Tseng, W. L.**, & Crick, N. R. (2013, April). Peer victimization and borderline personality features. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Seattle, Washington.
- **Tseng, W. L.**, & Gau, S. S. (2012, July). Can deficits in executive functions explain the link between attention-deficit/hyperactivity disorder and peer relationship problems? Paper presented as part of a symposium entitled *Risk Factors and Intervention in ADHD* at the 20th World Congress of the International Association for Child and Adolescent Psychiatry and Allied Professions, Paris, France.
- **Tseng, W. L.** (2012, June). Measurement equivalence of aggression and victimization across cultures. Poster presented at the 5th Biennial Relational Aggression Conference, Park City, Utah.
- **Tseng, W. L.**, Kawabata, Y., Crick, N. R., & Gau, S. S. (2011, April). Growth curve models of relational and physical peer victimization and psychosocial adjustment in Taiwanese school-aged children. Paper presented as part of a symposium entitled *Forms of Victimization and Aggression: Next Steps toward Synthesis and Advanced Understanding*

of Associations and Outcomes at the Biennial Meeting of the Society for Research in Child Development, Montreal, Canada.

- **Tseng, W. L.**, Kawabata, Y., Crick, N. R., & Gau, S. S. (2011, April). Relations of symptoms of attention-deficit/hyperactivity disorder and peer functioning in Taiwanese school-aged children. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Montreal, Canada.
- **Tseng, W. L.**, Kawabata, Y., Crick, N. R., Gau, S. S., & Lee, C. M. (2009). Forms of aggression and psychosocial adjustment problems among school-aged children in Taiwan. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Denver, Colorado.
- **Tseng, W. L.**, Kawabata, Y., Crick, N. R., Gau, S. S., & Lee, C. M. (2009). Peer victimization, friendships, and psychosocial adjustment problems in Taiwanese school-aged children. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Denver, Colorado.
- Gau, S. S., & **Tseng, W. L.** (2006). Association between sleep problems and symptoms of attention-deficit/hyperactivity disorder in young adults. Paper presented at the 12th Pacific Rim College of Psychiatrists Scientific Meeting, Taipei International Convention Centre, Taipei, Taiwan.

RESEARCH EXPERIENCE

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| 2013-2019 | Postdoctoral Research Fellow Emotion and Development Branch, National Institute of Mental Health, National Institutes of Health PIs: Drs. Ellen Leibenluft & Daniel Pine |
| 2008-2012 | Principal Investigator Institute of Child Development, University of Minnesota <ul style="list-style-type: none"> • A Study of Relational Aggression, Victimization, and Friendship among School-Age Children in Taiwan. Co-PI: Dr. Nicki Crick |
| 2012 | Research Assistant Institute of Child Development, University of Minnesota Cognitive Development & Neuroimaging Lab PI: Dr. Kathleen M. Thomas |
| 2008-2012 | Research Assistant & Undergraduate Supervisor Institute of Child Development, University of Minnesota <ul style="list-style-type: none"> • Autonomic Nervous System Activity & Relational Aggression (NSF). PI: Dr. Nicki Crick |
| 2003-2007 | Research Assistant Children's Mental Health Center, Dept. of Psychiatry, College of Medicine, National Taiwan University PI: Dr. Susan Shur-Fen Gau |
| 2001-2002 | Research Assistant Department of Psychology, National Taiwan University PI: Dr. Chih-Wei Hue |

TEACHING EXPERIENCE

- 2021, September Instructor
Yale-UCL MRes in Developmental Neuroscience and Psychopathology
Yale Child Study Center, Yale University, New Haven, CT
fMRI workshop
- 2021, March Guest Lecturer
Department of Psychology, Wellesley College, Wellesley, MA
Affective and Clinical Psychobiology
- 2020, April Instructor
Yale Child Study Center, Yale University, New Haven, CT
fMRI preprocessing
- 2018, July;
2017, May, June Instructor
Emotion and Development Branch, NIMH, Bethesda, MD
Post-baccalaureate Lunch Seminar
- 2017, Summer Co-Leader
National Institutes of Health, Bethesda, MD
Summer Journal Club "Computational Psychiatry: Where math, brains, and behavior meet to improve mental health diagnosis and treatment"
- 2017, April Guest Lecturer
Department of Psychology, Catholic University of America, Washington, D.C.
Affective and Cognitive Neuroscience
- 2015, April Guest Lecturer
Department of Psychology, Catholic University of America, Washington, D.C.
Affective and Cognitive Neuroscience
- 2010, Spring Co-Instructor
Institute of Child Development, University of Minnesota
Introduction to Child Psychology
- “The instructor was well prepared for class” Median=6/6
“The instructor treated me with respect” Median=6/6
“I have a deeper understanding of the subject matter as a result of this class” Median=6/6
“My interest in the subject matter was stimulated by this course” Median=6/6
“The instructor provided feedback intended to improve my course performance” Median=5/6
“I would recommend this course to other students” Response Rate=100%
- 2008-2009 Teaching Assistant
Institute of Child Development, University of Minnesota
Introduction to Child Psychology
Social and Personality Development
Adolescence

MENTORING EXPERIENCE

- 2019-present **Research Mentor to Visiting Graduate Students**
Yale Child Study Center, Yale School of Medicine
Mentee: Nellia Bellaert
- 2019-present **Graduate Research Mentor**

- Yale Child Study Center, Yale School of Medicine
Mentees: Ka Shu Lee, Eva McAdam Freud, Claire Whiting
- 2019-present **Postgraduate/Post-baccalaureate Research Associate Mentor**
 Yale Child Study Center, Yale School of Medicine
Mentees: Cheyanne Hagan, Grace Cotter
- 2019-present **Undergraduate Research Mentor**
 Yale Child Study Center, Yale School of Medicine
Mentees: Vivian Cheng, Sophia De Oliveira, Karen Ayoub, Hainan Lam, Eve Hein, Amanda Valdegas, Kristina Morreale, Michelle Nogaj, Mina Hughes, Jonathan Johnson, Michael Lanzaro, Sean Morrissey, Julia Sensini
- 2019 **Summer Research Mentor**
 Yale Child Study Center, Yale School of Medicine
Mentee: Thomas Shao
- 2013-2019 **Post-baccalaureate Fellows Mentor**
 Emotion and Development Branch, National Institute of Mental Health
Mentees: Elizabeth Harkins, Jennifer Yi, Laura Donahue, Elizabeth Moroney, Laura Machlin, Heather Frank, Susan Zhang, Anna Frackman, Derek Hsu, Alexandra Roule, Gretchen Perhamus, Andrew Ross, Caroline Wambach, Caroline MacGillivray, Samantha Perlstein, Olga Revzina
- 2008-2012 **Undergraduate Research Mentor**
 Institute of Child Development, University of Minnesota
Mentees: 50+ undergraduate research assistants
- 2011 **Honors Thesis Mentor**
 Institute of Child Development, University of Minnesota
Thesis: *The associations between prosocial behavior, moral reasoning about relational aggression, and school engagement.*
Mentee: Ariel Biel

PROFESSIONAL ACTIVITIES & SERVICES

- 2022-present **Planning Committee**
 Congress on Pediatric Irritability and Dysregulation (CPID)
- 2021-present **Mentor**
 American Psychological Association (APA) LGBTQIA+ Mentoring Program
 APA of Graduate Students Committee on Sexual Orientation and Gender Diversity (APAGS-CSOGD)
- 2022 **Ad-hoc Reviewer**
 Child Psychopathology and Developmental Disabilities (CPDD) Study Section, National Institute of Health
- 2021-present **Reviewer Editor:** Editorial Board of Brain Health and Clinical Neuroscience for *Frontiers in Human Neuroscience*
- 2011-present **Ad-hoc Journal Reviewer:** *American Journal of Psychiatry; Autism; Bipolar Disorders; BMC Psychiatry; Child Development; Child Maltreatment; Child Psychiatry and Human Development; Cognitive, Affective, and Behavioral Neuroscience; Development and Psychopathology; Developmental*

Cognitive Neuroscience; Emotion; European Child & Adolescent Psychiatry; Frontiers in Human Neuroscience; Frontiers in Neuroscience; Frontiers in Psychiatry; Frontiers in Psychology; International Perspectives in Psychology: Research, Practice, Consultation; Journal of the American Academy of Child and Adolescent Psychiatry; Journal of Affective Disorders; Journal of Attention Disorders; Journal of Child Psychology and Psychiatry (JCPP); JCPP Advances; Journal of Early Adolescence; Journal of Experimental Child Psychology; Journal of the Formosan Medical Association; NeuroImage; Neuroscience & Biobehavioral Reviews; Psychiatry Research; Psychological Medicine; Research in Autism Spectrum Disorders; Research in Developmental Disabilities; Social Cognitive and Affective Neuroscience

- 2021-present **Member**
Yale LGBTQIA + DAC Public Health Working Group
Yale School of Medicine
- 2021 **Editor**
Application Statement Feedback Program (ASFP)
- 2019, Nov. **Conference Abstract Reviewer**
Society for Research on Adolescence 2020 Biennial Meeting
- 2017, May **Poster Judge**
Office of Intramural Training & Education, National Institute of Health
Postbac Poster Day
- 2011, April **Discussion Facilitator**
Children, Youth and Family Consortium, University of Minnesota
Workshop: “How do we prevent or intervene in relational aggression?”
- 2011, Feb. **Discussion Facilitator**
Children, Youth and Family Consortium, University of Minnesota
Workshop: “Does relational aggression and its correlates vary across cultural contexts?”

STATISTICAL & METHODOLOGICAL TRAINING, PROFESSIONAL DEVELOPMENT

Statistics, Structural Equation Modeling, Psychological Measurement and Test Theory, Factor Analysis, Longitudinal Data Analysis, Dyadic Data Analysis, fMRI Analysis, Machine Learning

- 2018 2-day CANDEL deep learning workshop
- 2017 2-day MVPA (Multivariate Pattern Analysis) workshop
- 2017 9-Week Scientists Teaching Science Course, National Institute of Health
- 2017, 2018 10th Annual NIH Career Symposium, National Institute of Health
- 2014 Grant Writing Workshop, National Institute of Health
- 2013, 2014 AFNI (Analysis of Functional NeuroImages) Bootcamp, National Institute of Health
- 2012 Grant Writing Seminar, University of Minnesota
- 2012 Workshop: Grant Funding for Graduate Students, University of Minnesota

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| 2012 | Workshop: Creating a Data Management Plan for Grant Application, University of Minnesota |
| 2012 | Workshop: Preparing Future Faculty, University of Minnesota |
| 2011 | Workshop: Successful Grant Writing, University of Minnesota |

PROFESSIONAL MEMBERSHIPS

American Psychological Association (APA)

Society for Research in Child Development (SRCD)

Society for Research on Adolescence

Anxiety and Depression Association of America

Flux Society

Janeway Society

DEPARTMENTAL ACTIVITIES

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| 2021-present | Member Diversity, Equity, Inclusion, and Belonging (DEIB) Action Group Yale Child Study Center, Yale School of Medicine |
| 2020, 2021 | Review Committee T32 Research Training in Childhood Neuropsychiatric Disorders Yale Child Study Center, Yale School of Medicine |
| 2022, Feb-June | Facilitator Peer mentoring group Yale Child Study Center, Yale School of Medicine |
| 2015-2017 | Coordinator, AFNI (Analysis of Functional NeuroImages) Group, Emotion and Development Branch, National Institute of Mental Health |
| 2013-2013 | Chief, Scanning Taskmasters Group, Emotion and Development Branch, National Institute of Mental Health |
| 2011-2012 | Grievance Committee, Institute of Child Development, University of Minnesota |
| 2009-2011 | Technology Committee, Institute of Child Development, University of Minnesota |
| 2008-2009 | Social Events Committee, Institute of Child Development, University of Minnesota |
| 2007-2008 | Colloquium/Visiting Scholar Committee, Institute of Child Development, University of Minnesota |