

Alva Tang

Department of Psychology
University of Texas at Dallas, Richardson, TX, USA
[Laboratory for Healthy Social-Emotional Development](#)

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PROFESSIONAL POSITIONS

Assistant Professor, Department of Psychology, University of Texas at Dallas, 2022 -
Post Doctoral Fellow, Child Development Lab, University of Maryland College Park, 2017 - 2022
Adjunct Instructor, Department of Psychology, Catholic University of America, 2021 - 2022

EDUCATION

PhD, Psychology, Neuroscience & Behaviour, McMaster University, 2013 - 2017
BSc (hons), Psychology, University of Toronto, 2008 - 2012

AWARDS & SCHOLARSHIPS

External Awards

2018- 2020 Post Doctoral Fellowship, Social Sciences and Humanities Research Council of Canada, \$90000
Project: Long-term consequences of developmental trajectories of shyness from infancy to adulthood

2016- 2018 Doctoral Fellowship, Social Sciences and Humanities Research Council of Canada, \$40000
Project: Impact of social rejection on the adolescent shy brain

2015- 2016 Ontario Graduate Scholarship, \$15000

2014- 2015 Joseph Armand Bombardier Canada Graduate Scholarship-Master's, Social Sciences and Humanities Research Council of Canada, \$17500
Project: Neural correlates of peer rejection in children and adults: Influence of individual differences in temperament

2013 Best Poster Award, annual meeting of the Canadian Academy of Geriatric Psychiatry

2013- 2014 Ontario Graduate Scholarship, \$15000

2012 Undergraduate Student Research Award, Natural Sciences and Engineering Research Council of Canada, \$5800
Project: Intersensory perception of emotional body movements

Internal Awards

2016 Bill Carment Memorial Scholarship in Social Development, McMaster University, \$500

2009 Arts and Science In-course Scholarship, University of Toronto, \$500

Travel Awards

2017, 2019 International Society for Developmental Psychobiology

2014 - 2017 McMaster University

2014 Development 2014 Ottawa Conference

GRANTS & FUNDING

University of Texas at Dallas Social Sciences Seed Grant, 2025- 2026
Estimated value: \$8,000
Role: PI

Title: *Effects of personalized social media experiences and sensitivity to social evaluative feedback on adolescents' depressive symptoms*

University of North Texas CPHDR Behavioral Health Research Awards, 2024-2025

Estimated value: \$10,000

Role: PI

Title: *Social determinants in adolescents' processing of personalized social media content and psychopathology*

National Institutes of Ageing Reversibility Network 2020-2021

Estimated value: \$17102

Role: Co-investigator; PI: Slopen, N (Harvard)

Title: *Parent-child separation and cardiometabolic risk factors and outcomes in adulthood: A systematic review of main effects, potential mediators, and modifiers in human studies*

GRANTS IN PROGRESS

Under review

National Institute of Child Health and Human Development, R01

Role: PI; Co-Is: Yoon, L (UTD), Auerbach, R.P, (Columbia), Ackerman, R.A. (UTD)

Title: *Adolescents' learning of self-views in close friendships and internalizing symptoms*

Unfunded

National Institute of Child Health and Human Development, R01

Role: PI; Co-Is: Yoon, L (UTD), Auerbach, R.P, (Columbia), Ackerman, R.A. (UTD)

Title: *Adolescents' learning of self-views in close friendships and internalizing symptoms*

Percentile: 28

National Institutes of Mental Health, R01

Title: *Adolescents' personalized social media content experiences and depressive symptoms: Individual differences in content types, affective features, and cognitive-affective processing*

Role: PI; Co-Is: Stacie Warren (UTD), Carlos Busso (Carnegie Mellon)

National Institutes of Mental Health, R21

Role: PI; Co-I: Warren, S (UTD)

Title: *Characterizing adolescents' neural mechanisms in processing personalized media content*

Impact score: 42, to be resubmitted

American Psychological Foundation, Visionary Grant

Role: PI

Title: *Adolescents' cognitive-affective processing of personalized media content and associations with mental wellbeing*

Society for Research on Child Development, Early Investigator grant

Role: Collaborator; PI: Yoon, L (UTD)

Title: *Neurocognitive evidence of sensitivity to social comparison feedback in adolescents*

The Lewis Foundation

Role: PI

Title: *Adolescents' learning of self-views in close friendships and relations with social anxiety*

Brain Behavior Research Foundation, NARSAD Young Investigator Award

Role: PI

Title: *Characterizing adolescents' motivational and neural mechanisms in excessive consumption of personalized media content*

National Heart Lung and Blood Institutes, K01 Career Development Award

Role: PI

Title: *Evaluating temperamental differences and socioecological contexts in neurobehavioral mechanisms underlying cardiometabolic health*

National Institutes of Mental Health, U01 Competing Continuation

Role: Co-investigator; PI: Fox, NA (UMD)

Title: *Trajectories of behavioral inhibition and risk for anxiety*

Percentile: 44

PEER-REVIEWED PUBLICATIONS

Peer Reviewed Articles

⁺ indicates student mentee

******pre-registered

1. ⁺Leung, C., Yoon, L., & **Tang, A.** (in press). Temperament, peer difficulties, and the development of depressive symptoms from mid- to late- adolescence. *Research on Child and Adolescent Psychopathology*.
2. Warren, S.L., ⁺Malaiya, R.K., ⁺Drake, O.K., **Tang, A.**, & Chandra, N.K. (in press). Cognitive control decision-making dynamics across internalizing and externalizing symptoms in youth. *Research on Child and Adolescent Psychopathology*.
3. Brook, C.A., Crowley, M.J., **Tang, A.**, Lahat, A., & Schmidt, L.A. (in press). Measuring Ostracism: A Psychometric Examination of the Need-Threat Scale in Adolescence. *Journal of Psychopathology and Behavioral Assessment*.
4. ⁺Riggle, E., Schmidt, L.A., Lahat, A., Crowley, M.J., & **Tang, A.** (2025). Neural sensitivity to ambiguous social exclusion reflecting information processing bias in early- and mid-adolescents with varying levels of aggression. *Developmental Psychobiology*, 67(1), e70019.
5. Wade, M., Parker, V., **Tang, A.**, Fox, N.A., Zeanah, C.H., & Nelson, C.A. (2024). Linking caregiving quality during infancy to brain activity in early childhood and later executive function. *Developmental Science*, e13517. DOI: 10.1111/desc.13517
6. Tan, E., **Tang, A.**, Debnath, R., Humphreys, K., Zeanah, C.H., Nelson, C.A., & Fox, N.A. (2023). Resting brain activity in early childhood predicts IQ at 18 years. *Developmental Cognitive Neuroscience*, 63, 101287.
- 7^{**}. **Tang, A.**, Ertel, K., Keen, R., Beyer, L., Eckert, N., Mita, C., Pintro, K., Ozukono, S., Yazawa, A., & Slopen, N. (2023). Parent-child separation and cardiometabolic outcomes and risk factors in adulthood: A systematic review. *Psychoneuroendocrinology*, 152, 106084.
8. ⁺Kim, H. H., ⁺Keen, R., **Tang, A.**, Denckla, C., & Slopen, N. (2023). Longitudinal patterns of childhood homelessness and early adolescent trajectories of internalizing and externalizing behavior. *Journal of Epidemiology and Community Health*, 77(4), 216-223.
9. **Tang, A.**, Harrewijn, A., Benson, B., Haller, S.P., Guyer, A.E., Perez-Edgar, K., Stringaris, A., Ernst, M., Brotman, M.A., Pine, D.S., & Fox, N.A. (2022). Striatal activity to reward anticipation as a moderator of the relation between early behavioral inhibition and changes in anxiety and depressive symptoms from adolescence to adulthood. *JAMA Psychiatry*, 79(12), 1199-1208.
10. Zeytinoglu, S., **Tang, A.**, Zeanah, C.H., Nelson, C.A., Almas, A., & Fox, N.A. (2022). Effects of foster care intervention and caregiving quality on the bidirectional development of executive functions and social skills following institutional rearing. *Developmental Science*, e13309.
- 11^{**}. Bas-Hoogendam, J., 50+ Contributors from individual sites, & Pine, D.S. (2022). Structural

- brain correlates of childhood inhibited temperament: An ENIGMA-Anxiety mega-analysis. *Journal of the American Academy of Child and Adolescent Psychiatry*, 61(9), 1182-1188.
12. **Tang, A.**, Fox, N.A., Slopen, N. (2022). Examination of early childhood temperament of shyness and social avoidance and associations with cardiometabolic health in young adulthood. *JAMA Network Open*, 5(1), e2144727-e2144727.
 13. **Tang, A.**, McLaughlin, K.A., Sheridan, M., Nelson, C.A., Zeanah, C.H., & Fox, N.A. (2022). Autonomic reactivity to social rejection and the buffering effects of adolescent friendships on social problems following early psychosocial deprivation. *Emotion*, 22, 318-330.
 14. **Tang, A.**, Lahat, A., Crowley, M.J., Wu, J., & Schmidt, L.A. (2021). Children's shyness and neural responses to social exclusion: Patterns of midfrontal theta power usually not observed until adolescence. *Cognitive, Affective, and Behavioral Neuroscience*, 21, 1262-1275.
 15. **Tang, A.**, Almas, A., Zeytinoglu, S., Zeanah, C.H., Nelson, C.A., & Fox, N.A. (2021). Long-term effects of institutional rearing and enhanced attachment relationships on close adolescent friendships. *Child Development*, 92(6), 2431-2446.
 16. ⁺Oddo, L.E., Meinzer, M.C., **Tang, A.**, Murphy, J.G., Vasko, J.M., Lejuez, C.W., & Chronis-Tuscano, A. (2021). Enhanced brief motivational intervention for college student drinkers with ADHD: Goal directed activation as a mechanism of change. *Behavior Therapy*, 52(5), 1198-1212.
 17. Morales, S., **Tang, A.**, Bowers, M.E., Miller, N. V., Buzzell, G.A., Smith, E., Seddio, K., Henderson, H. A., & Fox, N. A. (2021). Infant temperament prospectively predicts general psychopathology in childhood. *Development and Psychopathology*, 1-10.
 18. **Tang, A.**, Wade, M., Fox, N.A., Nelson, C.A., Zeanah, C.H., & Slopen, N. (2020). The prospective association between stressful life events and inflammation among adolescents with a history of early institutional rearing. *Development and Psychopathology*, 32(5), 1715-1724.
 19. **Tang, A.**, ⁺Crawford, H., Morales, S., Degnan, K.A., Pine, D.S., & Fox, N.A. (2020). Infant behavioral inhibition predicts personality and social outcomes three decades later. *Proceedings of the National Academy of Sciences*, 117(18), 9800-9807.
 20. ⁺Meiers, G., Nooner, K.B., De Bellis, M.D., Debnath, R., & **Tang, A.** (2020). Alpha EEG asymmetry, childhood maltreatment, and problem behaviors: A pilot home-based study. *Child Abuse & Neglect*, 101, 104358.
 21. Debnath, R., **Tang, A.**, Nelson, C.A., Zeanah, C.H., & Fox, N.A. (2020). Long-term effects of institutional rearing, foster care intervention and disruptions in care on brain electrical activity in adolescence. *Developmental Science*, 23(1), e12872.
 22. **Tang, A.**, Fox, N.A., Nelson, C.A., Zeanah, C.H., & Slopen, N. (2019). Externalizing trajectories predict elevated inflammation among adolescents exposed to early institutional rearing: A randomized clinical trial. *Psychoneuroendocrinology*, 109, 104408.
 23. Slopen, N., **Tang, A.**, Nelson, C. A., Zeanah, C., McLaughlin, K.A., McDade, T., Fox, N.A. (2019). The consequences of foster care versus institutional care in early childhood on adolescent cardiometabolic and immune markers: Results from a randomized control trial. *Psychosomatic Medicine*, 81, 449-457.
 24. Schmuckler, M.A., & **Tang, A.** (2019). Multisensory factors in postural control: Varieties of visual and haptic effects. *Gait & Posture*, 71, 87-91.
 25. Brooker, R.J., Bates, J.E., Buss, K.A., Dennis-Tiway, T.A., Gatzke-Kopp, L.M., Hoyniak, C., Klein, D.N., Kujawa, A., Lahat, A., Lamm, C., Moser, J.S., Petersen, I.T., **Tang, A.**, Woltering, S., Schmidt, L.A. (2019). Conducting event-related potential (ERP) research with young children: A review of components, special considerations and recommendations for research on cognition and emotion. *Journal of Psychophysiology*, 34, 137-158.

26. **Tang, A.**, Lahat, A., Crowley, M.J., Wu, J., & Schmidt, L.A. (2019). Neurodevelopmental differences to social exclusion: An event-related neural oscillation study of children, adolescents, and adults. *Emotion, 19*(3), 520-532.
27. **Tang, A.**, Slopen, N., Nelson, C.A., Zeanah, C.H., Georgieff, M.K., & Fox, N.A. (2018). Catch-up growth, metabolic and cardiovascular risk among post-institutionalized Romanian adolescents. *Pediatric Research, 84*, 842-848.
28. Johnson, D, E., **Tang, A.**, Almas, A.N., Degnan, K.A., McLaughlin, K.A., Nelson, C.A., Fox, N.A., Zeanah, C.H., & Drury, S.S. (2018). Caregiving disruptions affect growth and pubertal development in early adolescence in institutionalized and fostered Romanian children: A randomized clinical trial. *Journal of Pediatrics, 203*, 345-353.
29. **Tang, A.**, Miskovic, V., Lahat, A., Tanaka, M., MacMillan, H., Van Lieshout, R.J., & Schmidt, L.A. (2018). Trajectories of resting frontal brain activity and psychopathology in female adolescents exposed to child maltreatment. *Developmental Psychobiology, 60*, 67-77.
30. Lahat, A., **Tang, A.**, Tanaka, M., MacMillan, H., Van Lieshout, R.J., & Schmidt, L.A. (2018). Longitudinal associations among child maltreatment, resting frontal electroencephalogram asymmetry, and adolescent shyness. *Child Development, 89*(3), 746-757.
31. Harrewijn, A., Schmidt, L.A., Westenberg, P.M., **Tang, A.**, & Van der Molen, M.J.W. (2017). Electrocortical mechanisms of information processing biases in social anxiety: A review. *Biological Psychology, 129*, 324-348.
32. **Tang, A.**, Van Lieshout, R.J., Lahat, A., Duku, E., Boyle, M.H., Saigal, S., & Schmidt, L.A. (2017). Shyness trajectories across the first four decades predict mental health outcomes. *Journal of Abnormal Child Psychology, 45*, 1621-1633.
33. Schmidt, L.A., Fortier, P., Lahat, A., **Tang, A.**, Mathewson, K.J., Saigal, S., Boyle, M.H., & Van Lieshout, R.J. (2017). Developmental programming of happiness. *Developmental Psychobiology, 59*, 715-722.
34. Schmidt, L.A., **Tang, A.**, Day, K.L., Lahat, A., Boyle, M.H., Saigal, S., & Van Lieshout, R.J. (2017). Personality development within a generational context: Life course outcomes of shy children. *Child Psychiatry and Human Development, 48*, 632-641.
35. Shahab, S., Nicolici, D., **Tang, A.**, Katz, P., & Mah, L. (2016). Depression predicts functional outcome in geriatric inpatient rehabilitation. *Archives of Physical Medicine and Rehabilitation, 98*, 500-507.
36. **Tang, A.**, Santesso, D.L., Segalowitz, S.J., Schulkin, J., & Schmidt, L.A. (2016). Distinguishing shyness and sociability in adults: An event-related electrocortical-neuroendocrine study. *Biological Psychology, 119*, 200-209.
37. **Tang, A.**, Santesso, D.L., Segalowitz, S.J., & Schmidt, L.A. (2016). Distinguishing shyness and sociability in children: An event-related potential study. *Journal of Experimental Child Psychology, 142*, 291-311.
38. **Tang, A.**, Beaton, E.A., Tatham, E., Schulkin, J., Hall, G. B., & Schmidt, L.A. (2016). Processing of different types of social threat in shyness: Preliminary findings of distinct functional neural connectivity. *Social Neuroscience, 11*, 15-37.
39. **Tang, A.**, Beaton, E.A., Schulkin, J., Hall, G.B., & Schmidt, L.A. (2014). Revisiting shyness and sociability: A preliminary investigation of hormone-brain-behavior relations. *Frontiers in Psychology, 5*, 1-11. doi:10.3389/fpsyg.2014.01430.

Book Chapters

* indicates authors with equal contribution

1. *Poole, K., ***Tang, A.**, & Schmidt, L.A. (2018). The behaviorally inhibited child as the social adult. In *Behavioral Inhibition: Integrating Theory, Research, and Clinical Perspectives*, K. Perez-Edgar, & N.A. Fox (Eds). New York, NY: Springer, pp. 185-212.

2. **Tang, A.**, & Schmidt, L.A. (2017). Shyness. In *Reference Module in Neuroscience and Biobehavioral Psychology*, Philadelphia, PA: Elsevier Inc. doi:10.1016/B978-0-12-809324-5.05887-9
3. **Tang, A.**, & Schmidt, L.A. (2017). Shyness and Sociability. In *Encyclopedia of Personality and Individual Differences*, New York, NY: Springer.
4. Mathewson, K.J., **Tang, A.**, Fortier, P., Miskovic, V., & Schmidt, L.A. (2017). Individual differences in temperament: Definition, measurement, and outcomes. In *Reference Module in Neuroscience and Biobehavioral Psychology*, Philadelphia, PA: Elsevier Inc.

MANUSCRIPTS IN SUBMISSION

⁺ indicates student mentee

1. **Tang, A.**, ⁺Kim, T., & Yoon, L. (under review). Adolescents' processing of self-relevant feedback from close friends: Event-related potentials and reinforcement learning.
2. ⁺Kim, T., Ackerman, R.A., Auerbach, R.P., Yoon, L., & **Tang, A.** (under review). Dynamic learning of self-relevant feedback in close friendships and their effects on self-esteem and internalizing symptoms across adolescence.
3. Kim, N., Li, L., Funkhouser, C.J., Letkiewicz, A.M., Trivedi, E., Sritharan, A., Sarkas, S.E., McGregor, M.M., Durham, K., Pagliaccio, D., **Tang, A.**, Allen, N.B., Shankman, S.A., Auerbach, R.P. (under review). EEG-based brain connectivity and sentiment analysis from smartphone social communication: Insights into remitted major depressive disorder among adolescents.
4. **Tang, A.**, ⁺Leung, C., ⁺Prasad, R., Busso, C., & Warren, S.L. (under review). Bidirectional development among cognitive control, screen time, and internalizing symptoms across early- and mid-adolescence: Within-person effects and sex differences.

MANUSCRIPTS IN PREP

⁺ indicates student mentee

1. ⁺Vlahakos, C., & **Tang, A.** (In prep). Evaluating the psychometric properties of a new social comparison task for adolescents and associations with age and pubertal differences.
2. Crowley, M.J., Brook, C.A., Bennison, A., **Tang, A.**, Lahat, A., Marquez, C., & Schmidt, L.A. (in prep). A new scale for measuring fear of negative evaluation in response to social exclusion: A multi-site psychometric study.

OTHER REGISTERED STUDIES

**pre-registered

1. **. Lutz, M. C., Smith, A., Lakhlani, D., **Tang, A.**, Guyer, A., Kok, R., Franken, I., Fox, N.A., Pine, D.S., Harrewijn, A. (In prep). Effects of infant behavioral inhibition on social processing and risk for social anxiety during adulthood. osf.io/jkpsx

PRESENTATIONS

Invited Talks

1. **Tang, A.** (2023, February-April). *Temperamental differences in social-emotional development and mental health across the life course*. Public lectures given at the Center for BrainHealth, Center for Vital Longevity, and Center for Children and Families, University of Texas Dallas.
2. **Tang, A.** (2022, January-February). *Temperamental differences in development and health across the life course*. Invited job talks given in the Departments of Psychology at Washington State University, University of Texas Dallas, Rutgers University, Lehigh University, the College of Education at Texas A & M, and the Department of Human Development and Family Studies at the University of Georgia.

3. **Tang, A.** (2021, January). *Temperament, development, and mental health across the life course: Risks and opportunities*. Invited talk at the Department of Psychology, University of Notre Dame, IN.
4. **Tang, A.** (2019, September). *Early psychosocial deprivation and health consequences: The Bucharest Early Intervention Project*. Invited talk for a Psychology Seminar, University of Maryland, College Park, MD.
5. **Tang, A.** (2016, May). *Shyness: Development, brain-body mechanisms, and subtypes*. Invited talk at the Yale Child Study Center, New Haven, CT.
6. **Tang, A.** (2014, November). *Emotion regulation in shyness: An integrative brain, body, and behavior perspective*. Invited talk at the Department of Research, American College of Obstetrician and Gynecologists, Washington, DC.

Conference Talks

1. **Tang, A., Yoon, L., & Warren, S.L.** (2024, April). *Social anxiety and the feedback-related negativity in learning about the self in close adolescent friendships: A pilot study*. Annual Meeting of the Society for Research on Adolescence, Chicago, IL in April 2024.
2. **Tang, A., Mathewson, K., VanLieshout, R., & Schmidt, L.A.** (2023, March). Trajectories of Shyness Across the Life Course: Associations with Health-behaviors and Cardiometabolic Risk in the Fifth Decade of Life. Talk at the Biennial Meeting of the Society for Research in Child Development, Salt Lake City, UT, in March 2023.
3. **Tang, A., Wade, M., Fox, N.A., Nelson, C.A., Zeanah, C.H., & Slopen, N.** (2021, April). Prospective association between stressful life events and inflammation among adolescents with a history of early institutional rearing. Talk given at the biennial meeting of the Society for Research in Child Development (virtual meeting).
4. **Tang, A., McLaughlin, K.A., Sheridan, M., Nelson, C.A., Zeanah, C.H., & Fox, N.A.** (2019, October). Autonomic reactivity to social rejection, psychopathology and the buffering effects of adolescent friendships following early psychosocial deprivation. Talk given at the annual meeting of the International Society for Developmental Psychobiology, Chicago, IL.
5. **Tang, A., Crawford, H., Degnan, K.A., & Fox, N.A.** (2019, March). Adult outcomes of childhood behavioral inhibition: Mental health and social relationships in the third decade of life. Talk given in a paper symposium at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
6. **Tang, A., Slopen, N., Nelson, C., Zeanah, C., & Fox, N.A.** (2019, March). Externalizing trajectories predict elevated inflammation among adolescents exposed to early institutional rearing. Talk given in a paper symposium at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
7. **Tang, A., Debnath, R., Nelson, C.A., Zeanah, C.H., & Fox, N.A.** (2018, May). Neurodevelopment of institutionalized Romanian infants across 16 years. Talk given in a paper symposium at the Development 2018 Meeting, St. Catharines, ON.
8. **Tang, A., Lahat, A., Wu, J., Crowley, M.J., & Schmidt, L.A.** (2017, April). Personality and age-related differences in theta oscillations to social rejection in children, adolescents, and young adults. Talk given in a paper symposium at the biennial meeting of the Society for Research in Child Development, Austin, TX.
9. **Tang, A., Van Lieshout, R.J., Lahat, A., Duku, E., Boyle, M.H., Saigal, S., & Schmidt, L.A.** (2017, April). Shyness trajectories across the first four decades predict mental health outcomes and attentional biases. Talk given in a paper symposium at the biennial meeting of the Society for Research in Child Development, Austin, TX.
10. **Tang, A., Santesso, D.L., Segalowitz, S.J., & Schmidt, L.A.** (2015, July). *Reduced novelty P300 is linked to unsociability and antisocial behavior in children*. Talk given at the International Society for the Study of Individual Differences, London, ON.

11. **Tang, A.**, Beaton, E.A., Schulkin, J., Hall, G.B., & Schmidt, L.A. (2015, June). Temperamental shyness: linking hormone, brain, and behavior. Talk given in a paper symposium at the annual meeting of the Jean Piaget Society, Toronto, ON.
12. **Tang, A.**, Beaton, E.A., Tatham, E., Schulkin, J., Hall, G., & Schmidt, L.A. (2014, May). *Expanding the concept of threat in shyness: Distinct functional neural networks underlying the processing of anger and uncertainty*. Talk given at the Development 2014 Conference, Ottawa, ON.

Conference Posters

⁺ indicates student mentee

1. ⁺Leung, C., & **Tang, A.** (2025, October). *EEG correlates during the emotional processing of personalized short-video content and internalizing symptoms in young adults*. Annual Meeting of the Society for Psychophysiological Research, Montreal, ON.
2. ⁺Kim, T., & **Tang, A.** (2025, October). Adolescents' theta oscillations to self-relevant feedback from friends and internalizing Symptoms. Annual Meeting of the Society for Psychophysiological Research, Montreal, ON.
3. ⁺Kim, T., Ackerman, R.A., Yoon, L., & **Tang, A.** (2025, May). *The role of self-esteem and friendship quality in adolescents' learning of reflected self-views*. Biennial Meeting of the Society for Research in Child Development, Minneapolis, MN.
4. ⁺Leung, C., Yoon, L., & **Tang, A.** (2025, May). *Temperament, peer difficulties, and the development of depressive symptoms from mid- to late- adolescence*. Annual Meeting of the Association of Psychological Science, Washington, DC.
5. ⁺Sasidhar, H., **Tang, A.**, Yoon, L. The Impact of Joint Trajectories of Peer Victimization and Perpetration on Prefrontal Cortex Development During Early Adolescence (2025, Feb), Dallas Aging and Cognition Conference, February 2025. Dallas, TX.
6. ⁺Painter, T., Smitherman, I., **Tang, A.**, Yoon, L. Adolescent Development in Adjusting Self-Disclosure of Success and Failure to a Friend's Outcomes (2025, Feb), Dallas Aging and Cognition Conference, February 2025, Dallas, TX.
7. ⁺Price, H., **Tang, A.**, Yoon, L. Simulating Real-Life Peer Comparisons: How Feedback Relative to a Friend Shapes Adolescents' Self-Esteem (2025, Feb), Dallas Aging and Cognition Conference, February 2025, Dallas, TX.
8. ⁺Anand, N.B., ⁺Malaiya, R., Shaikh, Z., **Tang, A.**, & Warren, S.L. (Submitted). Gender Differences in the Temporal Dynamics Between Cognitive Control and Externalizing Behaviors: A Cross-Lagged Panel Analysis. Annual meeting for American Psychological Science. Washington, DC.
9. ⁺Drake, O., **Tang, A.**, & Warren, S.L. (2024, November). *Mechanisms of risk for binge eating symptoms development in youth: A longitudinal analysis*. Annual Meeting for Association for Behavioral and Cognitive Therapies. Philadelphia, PA.
10. ⁺Vlahakos, C., **Tang, A.**, (2024, August) *Assessing reliability and validity of a new social comparison task in adolescence*. Summer Platform for Undergraduate Research, Dallas, TX.
11. ⁺Prasad, R., & **Tang, A.** (2024, April). *Academic motivation in adolescence: The role of self-worth and social comparison*. Annual Meeting of the Society for Research on Adolescence, Chicago, IL in April 2024. Also presented at UT Dallas Conference for Supporting Outstanding Academic Research, Dallas, TX.
12. ⁺Vlahakos, C., Warren, S.L., & **Tang, A.** (2024, April). *Age differences in implicit self-views and associations with close friendships*. Annual Meeting of the Society for Research on Adolescence, Chicago, IL in April 2024. Also presented at UT Dallas Conference for Supporting Outstanding Academic Research, Dallas, TX.
13. ⁺Riggle, E., Schmidt, L.A., Lahat, A., Crowley, M.J., & **Tang, A.** (2023, November). *Neural sensitivity to ambiguous social exclusion reflecting information processing bias in early- and mid-adolescents with varying levels of aggression*. Presented at UT Dallas Conference for Supporting Outstanding Academic Research, Dallas, TX.

14. **Tang, A.,** & Slopen, N. (2022, March). *Temperamental shyness and social avoidance in early childhood moderates the relation between residential moves and the development of inflammation across childhood to adulthood*. Biennial Meeting of the Society for Research in Child Development, Salt Lake City, UT, in March 2023.
15. Tan, E., **Tang, A.,** Debnath, R. Nelson, C.A., Zeanah, C.G., & Fox, N.A. (2022, March). *The effects of institutionalization and foster care intervention on early brain and cognitive development*. Biennial Meeting of the Society for Research in Child Development, Salt Lake City, UT, in March 2023.
16. ⁺Oddo, L.E., Meinzer, M.C., **Tang, A.,** Murphy, J.G., Vasko, J.M., Lejuez, C.W., & Chronis-Tuscano, A. (2021, June). Behavioral activation mechanisms of change in harm reduction interventions for students with ADHD. Poster presented at the annual meeting of the Research Society on Alcoholism and International Society for Biomedical Research on Alcoholism (virtual).
17. **Tang, A.,** Slopen, N., Nelson, C.A., Zeanah, C.H., & Fox, N.A. (2018, May). Catch-Up Growth, Metabolic and Inflammatory Outcomes among Post-Institutionalized Romanian Adolescents. Poster presented at the annual meeting of the Society of Biological Psychiatry, New York, NY.
18. Debnath, R., **Tang, A.,** Nelson, C.A., Zeanah, C.H., & Fox, N.A. (2018, May). Institutional care is associated with changes in brain electrical activity: Results from a longitudinal randomized control trail of children in Romania. Poster presented at the annual meeting of the Society of Biological Psychiatry, New York, NY.
19. **Tang, A.,** Lahat, A., Crowley, M.J., & Schmidt, L.A. (2017, November). *Developmental differences in event-related potentials to social exclusion in children, adolescents, and adults*. Poster presented at the annual meeting of the International Society of Developmental Psychobiology, Washington, DC.
20. **Tang, A.,** Lahat, A., Miskovic, V., Tanaka, M., MacMillan, H., Van Lieshout, R.J., & Schmidt, L.A. (2017, May). *Trajectories of resting frontal brain activity in predicting PTSD in adolescent females exposed to childhood maltreatment*. Poster presented at the annual meeting of the Society of Biological Psychiatry, San Diego, CA.
21. Saab, R., Shaw, S., **Tang, A.,** Schmidt, L.A., & Noseworthy, M. (2016, June). *MyFractal: An EEGLab plugin for the fractal analysis of electroencephalography data*. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Geneva, Switzerland.
22. **Tang, A.,** Santesso, D.L., Segalowitz, S.J., Schulkin, J., & Schmidt, L.A. (2016, May). *Electrocortical and neuroendocrine correlates of shyness in adults*. Poster presented at the annual meeting of the Society of Biological Psychiatry, Atlanta, GA.
23. **Tang, A.,** Lahat, A., Wu, J., Crowley, M.J., & Schmidt, L.A. (2016, April). *Shyness in children and adolescents is linked to parietal theta oscillations during social rejection*. Poster presented at the biennial meeting of the Society for Research on Adolescence, Baltimore, MA.
24. Schmuckler, M.A., & **Tang, A.** (2015, June). *The development of multisensory postural control: varieties of somatosensory input*. Poster presented at the Annual meeting of the Jean Piaget Society, Toronto, ON.
25. **Tang, A.,** Santesso, D.L., Segalowitz, S.J., & Schmidt, L.A. (2015, May). *Neurocognitive correlates of shyness and sociability in children*. Poster presented at the annual meeting of the Society of Biological Psychiatry, Toronto, ON.
26. **Tang, A.,** Lahat, A., McDonald, C., Stead, V., Crowley, M.J., & Schmidt, L.A. (2015, March). *Shyness, sociability, and social rejection in children and adolescents*. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
27. Stead, V.E., Borges, C., **Tang, A.,** Mathewson, K.J., Van Lieshout, R.J., Saigal, S., Boyle, M.H., & Schmidt, L.A. (2015, March). *Family dysfunction in childhood is related to greater internalizing*

problems in adulthood among extremely low birth weight survivors. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA.

28. **Tang, A.**, Beaton, E.A., Schulkin, J., Hall, G., & Schmidt, L.A. (2014, November). *Functional neural responses to threat processing in relation to morning cortisol changes among temperamentally shy adults*. Poster presented at the annual Meeting of the Society for Neuroscience, Washington, DC.
29. Shahab, S., **Tang, A.**, Dvorani, E., Kondaj, R., Kamsorkhi, N.M., Schechter, J., Arden, P., Chan, S., Katz, P., & Mah, L. (2013, September). *Cognitive status of older adults impacts functional outcome through participation effort in high-intensity rehabilitation*. Poster presented at the Annual Scientific meeting of the Canadian Academy of Geriatric Psychiatry, Ottawa, ON.
30. **Tang, A.**, Anderson, N.D., Kiani, K., Verhoeff, N.P.L.G., Pollock, B.G., & Mah, L. (2013, March). *Distinct neural network and responses to emotional appraisal in late-life depression and amnesic mild cognitive impairment*. Poster presented at the annual Rotman Neuroscience Conference, Toronto, ON.*also presented at the annual Scientific Meeting of the Canadian Academy of Geriatric Psychiatry, Ottawa, ON.

TEACHING EXPERIENCE

Instructor

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|-------|---|
| 2024 | <i>Social Development</i> (Graduate seminar, 15 enrolled), University of Texas Dallas |
| 2022- | <i>Adolescence</i> (Undergraduate level, ~123 enrolled), University of Texas Dallas |
| 2022 | <i>Social Neuroscience</i> (Graduate seminar, 7 enrolled), Catholic University of America |
| 2021 | <i>Psychology of Emotions</i> (Graduate seminar, 10 enrolled), Catholic University of America |

Guest Lecturer

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|------|---|
| 2016 | <i>Research Methods</i> (Undergraduate level, ~130 enrolled), McMaster University |
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Teaching Assistant

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| 2017 | <i>Human Sexuality</i> (Undergraduate level, ~180 enrolled), McMaster University |
| 2016 | <i>Motivation and Emotion</i> (Undergraduate level, ~130 enrolled), McMaster University |
| 2016 | <i>Scientific Writing</i> (Undergraduate level, ~130 enrolled), McMaster University |
| 2015 | <i>Research Methods</i> (Undergraduate level, ~ 130 enrolled), McMaster University |
| 2014-2015 | <i>Basic and Clinical Neuroscience</i> (Undergraduate level, ~150 enrolled), McMaster University |
| 2013-2014 | <i>Social-emotional Development</i> (Undergraduate level, ~70 enrolled), McMaster University |

MENTORSHIP

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|--------------|---|
| Fall 2024- | Mentor for PhD students: Taesun Kim; Master's student: Megan Russell; undergraduate thesis students: Brian Nguyen, Lucie Nguyen; undergraduate student completing direct research: Vidhi Purjara |
| Spring 2024- | Mentor for PhD students: Carole Leung |
| Spring 2024- | Mentor for NSF-REU students: Martha Hopkins |
| Fall 2023- | Mentor for Master's student: Amruta Viswanath
Mentor for independent studies or direct research undergraduate students (PSY 4390.001, PSY 4v98.010): 5 undergraduate students: Brian Nguyen, Leonardo Mundajano, Ethan Taylor, Nawal Ahmed, Lucie Nguyen |
| Summer 2023- | Mentor for Master's students: Elise Riggle, Roopa Prasad |
| Spring 2023- | Mentor for independent studies or direct research undergraduate students (HDCD7v80.001, PSY 4390.001, PSY 4v98.010): 3 undergraduate students: Leonardo Mundajano, Lucie Nguyen, Hannah Albarran; 1 Master's student: Preeti Shrestha |

SERVICE TO THE UNIVERISTY & COMMUNITY

Summer 2024 Coordinator, Science Day at the School of Behavior and Brain Science for highschoolers in the Top Achievers Foundation, Plano ISD

Fall 2023 Member, Search Committee for Developmental Cognitive Neuroscience Faculty

Fall 2023 Member, Graduate Student Admissions Committee for Psychology, Cognitive Neuroscience

Fall 2023- Committee member for PhD students: Anthony Morano, Melissa Heinrich, Samantha Redig

Fall 2023 Thesis reader for BBS PhD students: Anna Thompson, Neha Gholap

Summer 2023 Member, Committee for Colloquium Series for School of Behavioral & Brain Sciences

Spring 2023 Sponsor/Mentor, AP research program at J.J Pearce High School, Richardson, TX

Fall 2022 Member, Search Committee for Developmental Cognitive Neuroscience Faculty

Fall 2022 Member, Graduate Student Admissions Committee for Psychology, Cognitive Neuroscience

EDITORIAL ACTIVITIES

Ad-hoc Reviewer

Adolescent Research Review, Biological Psychiatry, Biological Psychology, Brain Research, Child Development, Child Maltreatment, Child Neuropsychology, Developmental Cognitive Neuroscience, Development and Psychopathology, Developmental Psychology, Developmental Psychobiology, Emotion, European Child & Adolescent Psychiatry, International Journal of Mental Health and Addiction, JAMA Network Open, JAMA Psychiatry, Journal of Abnormal Child Psychology, Journal of Child Psychology and Psychiatry, Journal of Experimental Child Psychology, Neuropsychologia, PLOS One, Proceedings of the Royal Society, Psychoneuroendocrinology, Social Cognitive & Affective Neuroscience, Social Development

Grant Reviewer

ad-hoc reviewer for NSF CAREER award 2024

Conference Program Reviewer

Society for Research in Child Development Biennial Meeting 2019, Baltimore, MD

PROFESSIONAL MEMBERSHIPS

American Psychological Association Div 7, International Society for Developmental Psychobiology, Society for Research on Adolescence, Society for Research in Child Development

OTHER PROFESSIONAL TRAINING

2022 *Machine Learning workshop*, University of Maryland, College Park, MD

2021 *Teaching workshops (using ELMS-Canvas, course design, student management)*, University of Maryland, College Park, MD

2019 *Integrating biology into social sciences Russell Sage Foundation summer workshop*, Northwestern University, Evanston, IL

2019 *Longitudinal data analysis workshop*, University of Maryland, College Park, MD

2018 *SEM workshop*, University of Maryland, College Park, MD

2014 *ERP workshop*, Brock University, St. Catharines, ON

2013 *SEM workshop*, McMaster University, Hamilton, ON

FEATURES IN MEDIA OUTLETS

- *29 news outlets*, **Tang, A** et al. (2022). Striatal activity to reward anticipation as a moderator of the relation between early behavioral inhibition and changes in anxiety and depressive symptoms from adolescence to adulthood. *JAMA Psychiatry*, 79(12), 1199-1208.
- *CNN, JAMA newsletter, Psychiatric News (APA), Psychology Today, Fox News, Daily Mail-* **Tang, A.** et al. (2020). Infant behavioral inhibition predicts personality and social outcomes three decades later. *Proceedings of the National Academy of Sciences*, 117(18), 9800-9807.
- *Psychology Today-* Debnath, R., **Tang, A.**, et al. (2020). Long-term effects of institutional rearing, foster care intervention and disruptions in care on brain electrical activity in adolescence. *Developmental Science*, 23(1), e12872.