

Curriculum Vitae
STEVEN WOLTERING

Associate Professor, Director of Neurobiological lab for Learning and Development
Department of Educational Psychology, Texas A&M University
(co-appointments with Psychology Department & Texas A&M Institute of Neuroscience)
Office: 718B Harrington; College Station, Texas, 77843; Mail Stop 4225.
Email: swolte@tamu.edu **Lab website:** nld.tamu.edu

Degrees

- Ph.D. 2012 Developmental Psychology & Education
University of Toronto, Canada.
Department: Human Development and Applied Psychology
Collaborative Programs: Neuroscience; Developmental Science [*Supervisor:* Dr. Marc D. Lewis]
- M.A. 2008 Developmental Psychology & Education
University of Toronto, Canada
Department: Human Development and Applied Psychology [*Supervisor:* Dr. Marc D. Lewis]
- M.Sc. 2002 Biological Psychology
Vrije Universiteit Amsterdam, The Netherlands
Department: Psychology and Education [*Supervisors:* Drs. Gonneke Willemsen & Eco de Geus]
- B.A. 1998 Teacher elementary school
HZ University of Applied Sciences, The Netherlands
Teacher Education Degree [*Supervisor:* Drs. Chris Stronks]

Academic Positions

- 2022 – 2023 Division Chair, Division of Learning Sciences
Department of Educational Psychology, Texas A&M University, USA
- Collaboratively developed and implemented 360k budget reduction plan.
- Successfully organized the first Learning Sciences conference.
- Led website reorganization of the five programs within Learning Sciences.
- 2020 - *present* Associate professor, Department of Educational Psychology
Department of Educational Psychology, Texas A&M University, USA
- 2015 – *present* Director, Neurobiological lab for Learning and Development (NLD)
Department of Educational Psychology, Texas A&M University, USA
- 2014 – 2020 Assistant professor, Department of Educational Psychology
Department of Educational Psychology, Texas A&M University, USA

- 2012 – 2014 Post-doctoral fellow/Research Manager. University of Toronto, Canada
Behavioural & neuroscience lab for the study of executive function in ADHD
[*Supervisor:* Dr. Rosemary Tannock]
- 2007 – 2012 Research Manager, Brain and Behaviour Emotion Regulation Lab
University of Toronto, Canada [*Supervisor:* Dr. Marc D Lewis]
- 2005 – 2007 Research Coordinator. Sickkids Hospital, Canada
Community Health Systems Resource Group
[*Supervisors:* Dr. Isabela Granic & Dr. Marc D Lewis]
- 2002 – 2005 Faculty Research Associate. Vrije Universiteit Amsterdam, Netherlands
Department of Psychology and Education
[*Supervisors:* Drs. Dorret Boomsma, Eco JC de Geus, & Gonneke Willemsen]

Awards & honors

Institutional

- 2019 *Ernie Goetz Student Mentoring Award*
Department of Educational Psychology, Texas A&M University
- 2018 *Early Career Research Excellence Award*
College of Education and Human Development, Texas A&M University
- 2017 *Outstanding New Faculty Award*
Dean's Development Council, College of Education and Human Development
- 2015 *Climate Award*
Department of Educational Psychology, Texas A&M University (awarded to staff and faculty for exceptional contributions to a positive climate)
- 2011 *Academic Excellence Award*, University of Toronto
- 2011 *School of Graduate Studies Travel Award*, University of Toronto
- 2006 – 2010 *Graduate Student Award*, University of Toronto

Provincial/State

- 2011 Ontario Graduate Scholarship
- 2010 Ontario Graduate Scholarship (Declined)

(Inter)national

- 2023 Top Cited article Developmental Science 2021-2022.
- 2015 Awarded Elsevier Outstanding Reviewer Status
- 2010 Social Sciences and Humanities Research Council Scholarship, Canadian Federal Research Agency.

2008 Mary Gertrude l'Anson Scholarship, Connaught Committee.

RESEARCH

Publications

- Google Scholar ID: <https://scholar.google.com/citations?user=Dv3f4XQAAAAJ&hl=en>
- SCOPUS ID: <https://www.scopus.com/authid/detail.uri?authorId=31967927000>
- IF = 1-year Impact Factor (Latest recorded at the time paper went in press).
- Names **in Bold** are coauthors who were students/scholars I actively supervised at that time for that specific project. Note: I did not bold their name if I am their chair but I did not have a meaningful supervisory role.
- * Indicates senior (& corresponding) author with a major role in conceptualization, design, (supervision of) drafting the writing, and the organizational management of the manuscript.

Articles in refereed journals

43. **Sun, H., Shi, Q., Pazoki, S., Jia, Y., & Woltering, S***. (Accepted). Neurophysiological correlates of reading difficulties in elementary school children. *Developmental Neuropsychology* [IF = 2.6]
42. **Jia, Y.**, Woltering, S., Deutz, N.E.P., Engelen, M.P.K.J., Coyle, K. S., Maio, M. R., Husain, M., & Liu, Z. (Accepted). Improved Working Memory Precision and Binding after Napping in Mild Cognitive Impairment. *Experimental Aging Research* [IF = 1.6]
41. **Joshi, S. C.**, Woltering, S., & Woodward, J. (2023). Cell Phone Social Media Use and Psychological Well-Being in Young Adults: Implications for internet-related disorders. *International Journal of Environmental Research and Public Health*. [IF = 4.6]
40. **Joshi, S. C.**, Woodward, J., & Woltering, S.* (2022). Cell Phone Use Distracts Young Adults from Academic Work with Limited Benefit to Self-Regulatory Behavior. *Current Psychology*. 1-17. [IF = 4.3]
39. Kopparla, M., Nguyen, T., & Woltering, S. (2022). Maps of Meaning: A Qualitative Study of the Journey of Freshmen Engineering Students. *European Journal Of Engineering Education*. 1-20. [IF = 2.3]
38. **Gu, C.**, Liu, Z., & Woltering, S.* (2022). EEG complexity in resting and task states in adults with ADHD. *Brain Communications*, 4(2), fcac054. [IF = 4.4]
37. **Lee, S.**, Woltering, S., **Prickett, C.**, **Shi, Q.**, **Huilin, L.**, & Thompson, J. (2022). Exploring the Associations between Reading Skills and Eye Movements in Elementary Children's Silent Sentence Reading. *Reading Psychology* [IF = 0.9]
36. **Joshi, S. C.**, Woodward, J., & Woltering, S.* (2022). Nighttime Cell Phone Use and Sleep Quality in Young Adults. *Sleep and Biological Rhythms*, 20 (1), 97-106. [IF = 1.2]

35. **Nam, B., Paromita, P.,** Chu, S. L., Chaspari, T., & Woltering, S.*. (2021). Moments of Insight in Problem Solving Relate to Bodily Arousal. *Journal of Creative Behavior*, 55 (4), 1004-1014. [IF = 2.6]
34. **Lin, B., Prickett, C.,** & Woltering, S.* (2021). Feasibility of using a biofeedback device in mindfulness training: a randomized controlled trial. *Pilot and Feasibility Studies*, 7 (1), 1-13. [IF = 0.8]
33. Shi, Q., Liew, J., Ettekal, I., & Woltering, S. (2021). Childhood Resilient Personality Trajectories and Associations with Developmental Trajectories of Behavioral, Social-Emotional, and Academic Outcomes across Childhood and Adolescence: A Longitudinal Study across 12 Years. *Personality and Individual Differences*. 177, 110789 [IF = 2.3]
32. [Woltering, S., **Chen, S], & Jia, Y.** (2021). Neural Correlates of Attentional Bias to Food Stimuli in Obese Adolescents. *Brain Topography*, 32(2), 182-191. [IF = 2.7]
31. Bukkapatnam, S., Tangudu, V., Afrin, K., Reddy, S., Woltering, S., & Deutz, N. (2020). Towards Standardizing the Protocols for Clinical Validation of Point-of-Care Obstructive Sleep Apnea Diagnosis Devices. *Sleep and Breathing*, 1-12. [IF = 2.4]
30. **Shi, Q.,** Ettekal, I., Deutz, M.H.F., & Woltering, S.* (2020). Trajectories of Pure and Co-occurring Internalizing and Externalizing Problems from Early Childhood to Adolescence: Associations with Early Childhood Individual and Contextual Antecedents. *Developmental Psychology*, 56 (10), 1906. [IF = 3.3]
29. Erbeli, F., Shi, Q., Campbell, A. R., Hart, S. A., & Woltering, S. (2020). Developmental Dynamics between Reading and Math in Elementary School. *Developmental Science*, e13004. [IF = 4.1]
28. **Shi, Q.,** Ettekal, I., Liew, J., & Woltering, S.* (2020). Predicting Differentiated Developmental Trajectories of Prosocial Behavior: A 12-Year Longitudinal Study on Children Facing Early Risks and Vulnerabilities. *International Journal of Behavioral Development*. [IF = 2.0]
27. Woltering, S., **Gu, C.,** Liu, Z., & Tannock, R. (2019). Visuospatial Working Memory Capacity in the Brain after Working Memory Training in Adult ADHD: A Randomized Controlled Trial. *Journal of Attention Disorders*, 25 (7): 1010-1020. [IF = 3.7]
26. Brooker, R. J., Bates, J. E., Lahat, A., Buss, K. A., Kujawa, A., Lamm, C., Canan, M. J., Moser, J. S., Dennis-Tiway, T. A., Petersen, I. T., Gatzke-Kopp, L. M., Hoyniak, C., Tang, T., Klein, D. N., 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*. [IF = 2.9]

25. **Jia, Y., Chen, S.,** Deutz, N. E. P., Bukkapatnam, S. T. S., & Woltering, S.* (2019). Examining the structure validity of the Pittsburgh Sleep Quality Index (PSQI). *Sleep and Biological Rhythms*, 17, 209-221. [IF = 0.7]
24. **Deutz, M. H. F.,** Woltering, S., Vossen, H.G.M., Dekovic, M., van Baar., A.L., Prinzie., P. (2019). Underlying Psychophysiology of Dysregulation: Resting Heart Rate and Heart Rate Reactivity in Relation to Childhood Dysregulation. *Journal of the American Academy of Child and Adolescent Psychiatry*, 58 (6), 589-599. DOI: 10.1016/j.jaac.2018.09.434 [IF = 6.3]
23. **Gu, C.,** Liu, Z., Tannock, R., & Woltering, S.* (2018). Neural Processing of Working Memory in Adults with ADHD in a Visuospatial Change Detection Task with Distractors. *PeerJ*. 6, e5601. DOI: 10.7717/peerj.5601. [IF = 2.2]
22. **Chen, S., Jia, Y., &** Woltering, S.* (2018). Neural Differences of Inhibitory Control between Adolescents with Obesity and Their Peers. *International Journal of Obesity*, 42, 1753-1761. Doi.org/10.1038/s41366-018-0142-x. [IF = 5.2]
21. **Deutz, M.H.F., Shi, Q.,** Vossen, H., Huijding, J., Prinzie, P., Dekovic, M., Van Baar, A.L., & Woltering, S.* (2018). Evaluation of the Strengths and Difficulties Questionnaire - Dysregulation Profile (SDQ-DP). *Psychological Assessment*, 30(9), 1194. DOI: 10.1037/pas0000564. [IF = 3.3]
20. Liu, Z., Tannock, R., & Woltering, S.* (2017). Effects of Working Memory Training on Neural Correlates of Go/Nogo Response Control in Adults with ADHD: A Randomized Controlled Trial. *Neuropsychologia*, 95, 54-72.
<https://doi.org/10.1016/j.neuropsychologia.2016.11.023>. [IF = 2.9]
19. Woltering, S., **Shi, Q.** (2016). On the Neuroscience of Self-regulation in Children with Disruptive Behavior Problems: Implications for Education. *Review of Educational Research*, 86 (4), 1085-1110. <http://dx.doi.org/10.3102/0034654316673722>. [IF = 8.2]
18. Woltering, S., **Lishak, V., Hodgson, N.,** Granic, I. & Zelazo, P. D. (2016). Executive function in children with aggressive and comorbid internalizing behavior problems. *Journal of Child Psychology and Psychiatry*, 57 (1), 30-38. doi:10.1111/jcpp.12428. [IF = 6.5]
17. Liu, Z., **Glizer, D.,** Tannock, R., & Woltering, S.* (2016). EEG alpha power during maintenance of information in working memory in adults with ADHD and its plasticity due to working memory training: a randomized controlled trial. *Clinical Neurophysiology*, 127 (2), 1307-1320. <https://doi.org/10.1016/j.clinph.2015.10.032>. [IF = 3.6]

16. Chu, S. L., Garcia, B., Quance, T., Geraci, L., Woltering, S., & Quek, F. (2016). Understanding Storytelling as a Design Framework for Cognitive Support Technologies for Older Adults. In *Proceedings of the International Symposium on Interactive Technology and Ageing Populations* (pp. 24-33). ACM. doi: 10.1145/2996267.2996270. [IF = N/A]
15. **Mawjee, K.**, Woltering, S., & Tannock, R. (2015). Working memory training in post-secondary students with ADHD: a randomized controlled study. *PLoS ONE*. 10(9), e0137173. <https://doi.org/10.1371/journal.pone.0137173>. [IF = 2.8]
14. Woltering, S., **Liao, V., Liu, Z.** & Granic, I. (2015). Neural Rhythms of Change: Long-term Improvement after Successful Treatment in Children with Disruptive Behavior Problems. *Neural Plasticity*. <http://dx.doi.org/10.1155/2015/873197>. [IF = 3.2]
13. **Gray, S., Fettes, P.**, Woltering, S., Mawjee, K., & Tannock, R. (2015). Symptom Manifestation and Impairments in College Students with Attention Deficit Hyperactivity Disorder. *Journal of Learning Disabilities*, 49 (6), 616-630. DOI: 10.1177/0022219415576523. [IF = 2.3]
12. Woltering, S., **Lishak, V., Elliott, B., Ferraro, L.**, & Granic, I. (2015). Dyadic attunement and physiological synchrony during mother-child discussions: An exploratory study in children with and without externalizing behavior problems. *Journal of Psychopathology and Behavioral Assessment*, 37(4), 624-633. doi:10.1007/s10862-015-9480-3. [IF = 1.8]
11. **Mawjee, K.**, Woltering, S., Lai, N., Gotlieb, H., Kronitz, R., & Tannock, R. (2014). Working Memory Training in ADHD Controlling for Engagement, Motivation, and Expectancy of Improvement (Pilot Study). *Journal of Attention Disorders*. DOI: 10.1177/1087054714557356. [IF = 3.7]
10. **Kim, S., Liu, Z., Glizer, D.**, Tannock, R., & Woltering, S.*(2014). Adult ADHD and Working Memory: Neural evidence of impaired encoding. *Clinical Neurophysiology*, 125, 1596-1603. DOI: 10.1016/j.clinph.2013.12.094. [IF = 3.6]
9. **Gray, S.**, Woltering, S., & Tannock, R. (2014). The Adult ADHD Self-Report Scale (ASRS): utility in college students with Attention-Deficit/Hyperactivity Disorder. *PeerJ*, 2, e324. DOI: 10.7717/peerj.324. [IF = 2.2]
8. Liu, Z. X., Woltering, S., & Lewis, M. D. (2014). Developmental change in EEG theta activity in the medial prefrontal cortex during response control. *NeuroImage*, 85, 873-887. DOI: 10.1016/j.neuroimage.2013.08.054. [IF = 5.4]

7. Woltering, S., **Liu, Z., Rokeach, A.,** & Tannock, R. (2013). Neurophysiological differences in inhibitory control between adults with ADHD and their peers. *Neuropsychologia*, *51*, 1888-1895. DOI: 10.1016/j.neuropsychologia.2013.06.023. [IF = 2.9]
6. Woltering, S., **Bazargani, N., & Liu, Z. X.** (2013). Eye blink correction: a test on the preservation of common ERP components using a regression based technique. *PeerJ*, *1*, e76. <https://doi.org/10.7717/peerj.76>. [IF = 2.2]
5. Woltering, S., **Jung, J., Liu, Z.,** & Tannock, R. (2012). Resting state EEG oscillatory power differences in ADHD college students and their peers. *Behavioral and Brain Functions*, *8*(1), 60. <https://doi.org/10.1186/1744-9081-8-60>. [IF = 2.4]
4. Granic, I., Meusel, L. A., Lamm, C., Woltering, S., & Lewis, M. D. (2012). Emotion regulation in children with behavior problems: Linking behavioral and brain processes. *Development and psychopathology*, *24*(03), 1019-1029. DOI: 10.1017/S095457941200051X. [IF = 4.4]
3. Woltering, S., Granic, I., Lamm, C., & Lewis, M. D. (2011). Neural changes associated with treatment outcome in children with externalizing problems. *Biological Psychiatry*, *70*(9), 873-879. DOI: 10.1016/j.biopsych.2011.05.029. [IF = 12.0]
2. Chapman, H. A., Woltering, S., Lamm, C., & Lewis, M. D. (2010). Hearts and minds: Coordination of neurocognitive and cardiovascular regulation in children and adolescents. *Biological Psychology*, *84*(2), 296-303. DOI: 10.1016/j.biopsycho.2010.03.001. [IF = 2.9]
1. Woltering, S., & Lewis, M. D. (2009). Developmental pathways of emotion regulation in childhood: A neuropsychological perspective. *Mind, Brain, and Education*, *3*(3), 160-169. DOI: 10.1111/j.1751-228X.2009.01066.x. [IF = 1.6]

Reports and Book Chapters

3. Daly, J., Williams, P., & Woltering, S. (2023). Risky Play Research Report: Becky Gates Children's Center. OAKTrust: <https://hdl.handle.net/1969.1/198196>.
2. Woltering, S., & Lewis, M.D. (2013). Changing the Neural Mechanism of Emotion Regulation in Children with Behavior Problems. In D. Hermans, B. Mesquita and B. Rime (Eds). *Changing Emotions*, (pp. 33-44), Psychology Press.
1. Woltering, S., & Lewis, M.D. (2011). Conceptual development and emotion: a neuropsychological perspective. In P. Smith, and H. Hart (Eds). *The Blackwell-Wiley Handbook of Childhood Social Development* (2nd ed), (pp. 45-63), Wiley-Blackwell.

Grant Writing Activities (To date I have secured \$1,756,934 to support my research and outreach efforts.)

Funded Internal Grants

Importance of play behavior on the development of self-regulation across cultural and socioeconomic contexts.

PI: S. Woltering; L Smith; E. Baek.
 Source: Catapult Triad Seed Grant Program (2021)
 Amount: \$10,000 [2021-2022]

Sleep and biotechnology.

PI: S. Woltering; Engelen, M. P.; Bukkapatnam, S. T.
 Source: Texas A&M Triads
 Amount: \$30,000 [2020-2022]

Comparing the impact of learning multiple languages on literacy, executive function, and self-efficacy.

PIs: D. McKeown, J. Thompson
 Role: Co-I
 Source: Catapult Triad Seed Grant Program (2019)
 Amount: \$10,000.00 [2019]

Advancing Literacy in Texas through Biometrics.

PIs: S. Woltering; B. Taylor; J. Liew; E. Cantrell; J. Thompson; M. Joshi.
 Source: CEHD Catapult grant.
 Amount: \$30,000.00 [2017-2018]

Educational Contexts & Cultures.

PIs: R. Woodward; S. Woltering.
 Source: TAMU Across Continents Program.
 Amount: \$30,000.00 [2017]

Integrating Biometric Responses to Human Behavior.

PIs: [S. Woltering & M. Palma]; L. Ribera; Y. Zhang; D. Shaw; C. Hall; N. Clemens;
 J. Liew; C. Eckel; H. Lench; S. Fields; A. Talebpour; J. Lahey; H. Cheng; Y. A.
 Hong; M. Benden.
 Role: Dual PI, Co-initiator.
 Source: TAMU Research Development Fund.

Amount: \$1,200,000.00 [2016-2021]

Waking Up! Becoming Leaders in Sleep Research for Better Health and Learning.

PIs: S. Woltering; N. Deutz.

Source: CEHD Catapult grant.

Amount: \$40,000.00 [2016-2017]

Neural Markers of Adolescent Obesity.

PIs: S. Woltering; S. Fields; J. Liew.

Source: CEHD Transforming Lives Grant.

Amount: \$30,000.00 [2015-2016]

Working Towards a Bio-Behavioral Center: Cyberlearning and Research Infrastructure Support.

PIs: S. Woltering; R. Gutierrez-Osuna; S. Pedersen.

Source: TAMU Program to Enhance Scholarly and Creative Activities (PESCA) Grant Program.

Amount: \$25,000.00 [2015-2016]

Funded External Grants

Towards a Better Understanding of Anxiety and the Behavioral and Neural Indicators of Interpretation Bias in a Math Context

PIs: Barroso C; Woltering, S (Role: Mentor)

Source: Mentored Researcher for National Institute of Health Pediatric Research Loan Repayment Program

Amount: \$28,000.00 [2023/24]

Multidimensional investigation of the Role of Self-Regulation on Chinese Children Problem behavior and Academic Performance.

PIs: S. Woltering, S. Tao

Source: Open-project fund, National Key Lab of Cognitive Neuroscience of Learning at Beijing Normal University.

Amount: \$25,000.00 [2018-2019]

Working memory training in ADHD: Neural mechanisms of change.

PIs: R. Tannock; M. Lewis

Role: Graduate student co-investigator (Conceptualized grant and wrote 80% of grant including major sections).

Source: Canadian Institutes of Health Research (CIHR).

Amount: \$366,934.00 [2011-2014]

Invited Talks

17. Woltering, S., Cowan, N., Emmorey, K., Alonso, L.M., Alcanteur, S. (2023, July). Future of cognitive neuroscience and AI. Moderator: Garrido, A.D. Invited panel discussion at the Instituto de Neurociencias, Guadalajara, Mexico.
16. Woltering, S. (2023, July). Executive function and sleep in MCI patients. Invited talk presented virtually at the Instituto de Neurociencias, Guadalajara, Mexico.
15. Woltering, S & Deutz, NEP. (2021, September). The science of Sleep II. Flourish at TAMU: Sleep series. TAMU, USA.
14. Woltering, S & Deutz, NEP. (2021, April). The science of Sleep. Flourish at TAMU: Sleep series. TAMU, USA.
13. Woltering, S., Gu, C. & Liu, Z. (2020, October). EEG Multiscale Entropy in the assessment of ADHD. Invited talk presented virtually at the Instituto de Neurociencias, Guadalajara, Mexico.
12. Woltering, S. (2020, October). Noisy Brains. Virtual talk recording presented at the 2020 CEHD Dean's Development Council, TAMU, USA.
11. Woltering, S. (2019, November). Transfer of Executive Function Training in the Brain: Lessons Learned. Talk presented at the Institute of Mind and Brain at the University of South Carolina, USA.
10. Woltering, S. (2019, November). Social Attunement and Emotion Regulation – Multi-Method Perspectives. Seminar talk presented for the Social Psychology brownbag. Texas A&M University, USA.
9. Woltering, S., **Gu C.**, & Liu, Z. (2019, September). *Brain variability in College Students in ADHD*. Seminar talk presented for the Cognoscenti group at the Department of Psychology. Texas A&M University, USA.
8. Woltering, S. & Shi, Q. (2019, June). *Self-regulation and Play: a Neurobiological Perspective*. Talk presented at the State Key Laboratory of Cognitive Neuroscience and Learning. Beijing Normal University, China.
7. Woltering, S., Gu, C., & Liu, Z. (2019, June). *Brain Signal Variability in Adults with ADHD*. Talk presented at the State Key Laboratory of Cognitive Neuroscience and Learning. Beijing Normal University, China.
6. Woltering, S. (2017, July). *Neural Correlates of Emotion Regulation in Children with Disruptive Behavioral Problems*. Talk presented at the 2017 Conferencias de Neurociencias at the Instituto de Neurociencias, Guadalajara, Mexico.

5. Woltering, S. (2017, March). *The Human Lab: Revealing the Emotional Brain*. Panelist for the 2017 South by Southwest (SXSW) festival - Intelligent Future track, Austin Texas, USA.
4. Woltering, S. (2017, April). *Interdisciplinary Research*. Panelist for the 2017 TAMU Student Research Week.
3. Woltering, S. (2014, October). Executive Function in ADHD: a Neural Characterization. University of New Orleans. Talk presented at the Department of Psychology.
2. Woltering, S. (2014, January). Can we change? A psychophysiological perspective on the individual differences in, and the development and intervention of self-regulation. New APHD Speaker Series [Opening talk]. University of Toronto.
1. Woltering, S. (2010, May). *Neural changes with treatment outcome in children with behavioural problems*. Talk presented for research symposium: change and stability in the neural bases of children's behaviour problems: Preliminary findings. University of Toronto.

Refereed Professional Presentations

2023

90. **Wang, M., Kong, F., Mahato, J, Tran, M, & Woltering, S.** (2023, October). *Unlocking Transfer with Experimental Tasks: Role of Complexity in Relational Learning*. Poster presented at the annual ARMADILLO conference. San Marcos, TX, USA.
89. **Klein, M., Williams, P., Woltering, S.** (2023, March). *Risk it for the Biscuit- Risky Play for Children with Disabilities*. Poster presented at the Brazos Valley Texas Association for the Education of Young Children. Bryan, TX, USA
88. **Daly, J., Williams, P., & Woltering, S.** (2023, March). *Adult perspectives on risky play during early childhood - findings from our Becky Gates sample*. Talk presented at the Brazos Valley Chapter Annual Conference of the Texas Association for the Education of Young Children (TXAEYC), College Station, TX.
87. **Nguyen, T., Kao, G., & Woltering, S.** (2023, March). *Perceived injustice and pain outcomes in pediatric pain patients*. Poster presented at the Society of Pediatric Psychology. Chicago, Illinois, USA.

86. Huilin, S., **Pazoki, S.**, Shi, Q., & Woltering, S. (2023, March). *N400 effect in elementary school children with reading difficulties*. Society for Research in Child Development (SRCD). Salt Lake City, Utah, USA.
- 2022 (n = 8)
85. **Daly, J., Williams, P.**, & Woltering, S. (2022, October). “Oh no, that’s too risky”. Poster presented at the Annual Conference of the International Play Association (IPA), San Antonio, TX.
84. **Kong, F.H.**, Woltering, S., (2022, October). Creative liars? an investigation on creativity and dishonesty. Poster presented at Texas A&M Learning Sciences Conference, College Station, TX.
83. **Williams, P., Daly, Jennifer, Yniguez, C.**, Woltering, S., (2022, October). Becky Gates Findings: “Oh no, that's too risky: adult perspectives on risky play behaviors during early childhood. Poster presented at Texas A&M Learning Sciences Conference, College Station, TX.
*3rd Prize winner
82. **Wang, M., Choi, Y.**, Woltering, S., (2022, October). The “Curse” of Learning Specificity: Will Randomness Enhance Transfer in Relational Category Learning? Poster presented at 2022 Texas A&M Learning Sciences Conference, College Station, TX
81. **Richie, C., Jones, R., Yniguez, C.**, Woltering, S., (2022, October). A case study design to explore academic motivational value among impoverished, historically marginalized students. Poster presented at Texas A&M 2022 Learning Sciences Conference, College Station, TX.
*2nd prize winner
80. **Jones, R. A., Richie, C.**, & Woltering, S. (2022, October). Dear self: A qualitative case study of help-seeking. Poster presented at the 2022 Texas A&M Learning Sciences Conference, College Station, TX.
79. **Pazoki, S.**, Sun, H., Shi, Q., & Woltering, S. (2022, October). Brain signatures of reading difficulty in elementary school students: A study of the N400 effect Poster presented at the 2022 Learning Sciences Conference at Texas A&M University, College Station, Texas.
*1st prize winner
78. **Daly, J., Williams, P.**, & Woltering, S. (2022, March). Adult perspectives on risky play during early childhood. Talk presented at the Brazos Valley Chapter Annual Conference of the Texas Association for the Education of Young Children (TXAEYC), College

Station, TX.

2021 (n = 7)

77. Woltering, S., **Nam, B., Paromita, P.**, Chaspari, T., & Chu, S.L. (2021, September). The AHA in the body. Talk presented at the 29th Annual Meeting of the Southwest Cognition and Cognitive Neuroscience Society (ARMADILLO).
76. **Sun, H., Pazoki, S., & Woltering, S.** (2021, July). The N400 lexicality effect and reading difficulties in children. Poster presented for the Society for the Scientific Study of Reading 28th Annual Meeting, Virtual.
75. **Sun, H., Pazoki, S., & Woltering, S.** (2021, August). The N400 effect in children with reading difficulties. Poster presented for the American Psychological Association Convention, Virtual.
74. **Gu, C., Liu., Z., Woltering, S.** (2021, March). *EEG complexity in resting and task states in adults with ADHD*. Virtual poster presented at the Cognitive Neuroscience Society (CNS), USA.
73. **Richie, C., Wang, M., Williams, P., & Woltering, S.** (2021, March). *Effortful Dimensions of Emotion Regulation and Physiological Correlates to the Impairing Effect of Anxiety on Cognition*. Virtual poster presented at the Cognitive Neuroscience Society (CNS), USA.
72. **Jia, Y., Woltering, S.** (2021, March). *Napping Quality in Mild Cognitive Impairment (MCI) Subjects & Healthy Older Adults*. Virtual poster presented at the Cognitive Neuroscience Society (CNS), USA.
71. Shi, Q., Liew, J., Ettekal, I., & Woltering, S. (2021, April). *Childhood resiliency trajectories: Differential pathways for Behavioral, Social-emotional, and Academic Outcomes Across childhood and adolescence*. Virtual paper presentation at the 2021 SRCD biennial meeting, USA.

2020 (n = 5)

70. **Shi, Q., Ettekal, I., Deutz, M., Woltering, S.** (2020, March). *Developmental Trajectories of Co-occurring Problem Behavior from Grade 1 to 12 and Associations with Early Childhood Antecedents*. Virtual poster accepted at the Biennial Meeting of Society for Research on Adolescence (SRA), San Diego, USA.

69. Erbeli, F., Shi, Q., Campbell, A. R., Hart, S. A., Woltering, S. (2020, June). *Developmental dynamics between reading and math in elementary school*. Paper presentation at 2nd Annual Meeting, The Society for Research on Learning Disorders, Oslo, Norway. (International) Conference cancelled due to COVID-19.
66. **Joshi, S. C.,** Woltering, S., & Woodward, J. (2020, March). *Cell Phone Use (CPU) Before Bed is Bad for a Good Night's Sleep - Nighttime CPU and Sleep Disruption in Young Adults*. Paper presented at Student Research Week 2020, Texas A&M, TX.
65. **Shi, Q.,** Ettekal, I., Deutz, M., & Woltering, S. (2020, March). *Developmental Trajectories of Co-occurring Problem Behavior from Grade 1 to 12 and Associations with Early Childhood Antecedents*. Poster for SRA Biennial Meeting, San Diego, CA.
64. **Lee, S., Prickett, C., Shi, Q., Sun, H.,** Thompson, J., & Woltering, S. (Accepted, 2020, April). *The relationship between text reading fluency and online reading behaviors in silent sentence processing: an eye-tracking study*. Poster for the Annual meeting of American Educational Research Association (AERA), San Francisco, CA.
- 2019 (n = 12)
63. **Schwartz, J., Sun, H.,** Woltering, S. *Neural and behavioral correlates of self-regulation and in children with and without reading difficulties* (Accepted, 2019, November). Poster presented for the School Psychology Research Fair, TAMU.
62. **Kopparla, M., Nguyen, T. &** Woltering, S. (2019, August). *Mapping Freshmen Engineering Students' Academic Journey: A Qualitative Perspective*. Paper accepted at American Psychological Association Annual Convention, Chicago, IL.
61. Sun, H., Shi, Q., & **Woltering, S.** (2019, July). *Parental emotional regulation and the social emotional functioning of children with reading difficulties*. Poster for the 41st Conference of the International School Psychology Association, Basel, Switzerland.
60. Woltering, S. (2019, April). *Neural and Behavioral Effects of Working Memory Training in Adult ADHD: A Randomized Controlled Trial*. Paper presentation at the Annual meeting of American Educational Research Association (AERA), Toronto, Canada.
59. **Lee, S., Prickett, C., Shi, Q., Sun, H.,** Thompson, J., & Woltering, S. (2019, April). *The relationship between eye movements and reading skills in elementary school children: An exploratory study*. 2019 Annual meeting of American Educational Research Association (AERA), Toronto, Canada.
58. **Chen, S., Jia, Y.,** Woltering, S (2019, March). *Threat-Related Attentional Bias in Anxious and Normal Adolescents: an ERP study*. Paper accepted at Cognitive Neuroscience Society (CNS). Boston.

57. **Shi, Q., Sun, H., Deutz, M.H.F., & Woltering, S.** (Accepted, 2019, March). The Neural and Behavior Correlates of Response Inhibition and Psychopathology in Children with and without Reading Difficulties. In S. Tao; A. Tang (Chairs), *Understanding and Empowering Student Learning and Development From Cognitive Neuroscience lab to Student Learning Promotion*. Symposium talk presented at the Society for Research in Child Development (SRCD), Maryland, USA.
56. Li, S., **Shi, S.**, Nie, Y., Wang, C., Tao, S., & Woltering, S. (Accepted, 2019, March). *Comparing the auditory detection capacity between preschoolers and first-graders using a multi-feature MMN paradigm*. Poster presentation at the Society for Research in Child Development (SRCD), Maryland, USA.
55. **Lin, B., Prickett, C., & Woltering, S.** (Accepted, 2019, March). *The efficacy of Mindfulness training paired with a biofeedback device in reducing stress: a RCT*. Poster presentation at the Society for Research in Child Development (SRCD), Maryland, USA.
54. **Sun, H., Schwartz, J., Dunn, C., Shi, Q., Nguyen, T., & Woltering, S.** (Accepted, 2019, March). *Parent-level protective factors and the mental health and self-regulation skills of children with reading difficulties*. Poster presentation at the Society for Research in Child Development (SRCD), Maryland, USA.
53. **Schwartz, J., Sun, H., Shi, Q., Li, Y., Dunn, C., & Woltering, S.** (2019, February). *The association between household environment and child reading abilities*. Poster presentation at the National Association of School Psychologists (NASP), Atlanta, Georgia, USA.
52. **Nguyen, T., Kopparla, M., Woltering, S.** (2019, February). *Role of Emotion Regulation on Academic Outcomes of STEM Students*. Poster presentation at the National Association of School Psychologists (NASP), Atlanta, Georgia, USA.
- 2018 (n = 24)
51. **Gu, C., Liu, Z., Tannock, R., & Woltering, S.** (2018, December). Neural Processing of Working Memory in Adults with ADHD in a Visuospatial Change Detection Task with Distractors. Poster session presented at Texas A&M Chapter of Society for Neuroscience, College Station, Texas.
50. **Nguyen, T., Kopparla, M., Woltering, S.** (2018, November). How STEM Students React to Negative Feedback: The Role of Emotion Regulation. Talk given at the Southwest Educational Research Association Conference (SERA), San Antonio, Texas, USA.
49. **Shi, Q., Ettekal, I., Deutz, M., Woltering, S.** (2018, August). Differentiated Developmental Trajectories of Behavior Problems from Childhood to Adolescence. In J.

- Blake (Chair), *Childhood Disruptive Behavior Problems: Characterization, Development, and Treatment*. Symposium talk conducted at the 126th Annual APA convention, San Francisco, CA.
48. Woltering, S., **Shi, Q.** (2018, August). On the Treatment of Childhood Disruptive Behavior Problems: Neural and Behavioral Changes. In J. Blake (Chair), *Childhood Disruptive Behavior Problems: Characterization, Development, and Treatment*. Symposium talk presented at the 126th Annual APA convention, San Francisco, CA.
 47. **Shi, Q., Lin, B.,** Liew, J., & Woltering, S. (2018, July). *The Differentiated Developmental Trajectories of Early Childhood Ego Resiliency and its Association with Later Developmental Problem Behavior and Academic Performance*. In J. Liew (Chair). Symposium talk presented at the 25th Biennial Meeting of the International Society for the Study of Behavioural Development (ISSBD), Gold Coast, Australia.
 46. **Shi, Q.,** Etekal, I., Liew, J., & Woltering, S. (2018, July). *Differentiated Developmental Trajectories of Child Prosocial Behavior: A 12-year Longitudinal Study Using Growth Mixture Modeling*. In L. Zhang & T. Malti (Chairs). Symposium talk presented at the 25th Biennial Meeting of the International Society for the Study of Behavioural Development, Gold Coast, Australia.
 45. Deutz, M. H. F., **Jia, Y.,** Kovacs, B., Endendijk, J., & Woltering, S. (2018, May). Paternal and Maternal Self-Control and Child Aggression: Household Chaos and Parental Mindfulness as Moderators. Flash talk presented at the Conference of the Vereniging voor Nederlandse Ontwikkelingspsychologie (VNOP; Dutch Association for Developmental Psychology): Wageningen, the Netherlands.
 44. **Sun, H., Shi, Q., Schwartz, J., Dunn, C., Li, Y.,** & Woltering, S. (2018, May). *Social Comparison in Children with Reading Difficulties*. Poster presented at the 30th APS Annual Convention, San Francisco, USA.
 43. Woltering, S., **Prickett, C. S., Lin, B., & Yajun, J.** (2018, May). *The Relation between Sleep, Stress, and Cognitive and Psychological Functioning*. Poster presented at the 30th APS Annual Convention, San Francisco, USA.
 42. **Prickett, C. S., Shi, Q.,** & Woltering, S. (2018, May). *Fixation Duration Differences on Emotional Body Postures between and across Emotions*. Poster presented at the 30th APS Annual Convention, San Francisco, USA.
 41. **Lin, B., Richie, C. Prickett, C.,** Woltering, S., (2018, April). *The efficacy of meditation training paired with a biofeedback device in reducing stress: A randomized control trial*. Poster presented at Texas A&M College of Medicine Graduate Research Symposium, College Station, TX.

40. **Shi, Q.,** Ettekal, I., Liew, J., & Woltering, S. (2018, April). *Differentiated Developmental trajectories of Adolescent Externalizing Problems: a 7-years Longitudinal Study*. Poster presented at the Society for Research on Adolescence, Minneapolis, USA.
39. **Shi, Q.,** Ettekal, I., Liew, J., & Woltering, S. (2018, April). *Differentiated Developmental trajectories of Adolescent prosocial Behavior: a 7-years Longitudinal Study*. Poster presented at the Society for Research on Adolescence, Minneapolis, USA.
38. **Shi, Q., Sun, H., Nguyen, T. T., Deutz, M.H.F.,** Luo, W., Liew, J., & Woltering, S. (2018, April). *Self-regulation Predicts the Developmental Trajectories of Children Strengths and Difficulties-A 12-year Longitudinal Study*. Roundtable presented at 2018 American Educational Research Association Conference (AERA) in Session Longitudinal Studies, New York, USA.
37. **Jia, Y., Chen, S.,** Woltering, S. (2018, April). *Cognitive functioning and self-assessment of sleep quality in college students*. Poster presented at 2018 Annual conference of the American Education Research Association (AERA), New York, NY, US.
36. **Shi, Q., Lin, B.,** Liew, J., & Woltering, S. (2018, April). *The Differentiated Developmental Trajectories of Early Childhood Ego Resiliency and its Association with Later Developmental Problem Behavior and Academic Performance*. Paper presented at the Learning Science Division Brown Bag, Texas A&M University.
35. **Shi, Q., Sun, H., Schwartz, J., Dunn, C., Li, Y., Ko, E., Prickett, C.,** Woltering, S. (2018, April). *Neural and Behavioral Correlates of Inhibitory Control and Problems Behavior in Children with and without Reading Problems*. Poster presented at 10th Texas A&M Institute for Neuroscience Symposium, College Station, Texas.
34. **Kopparla, M., Nguyen T.,** Woltering, S. (2018, March). *Role of Emotion Regulation in Short-term and Long-term Academic Outcomes of Engineering Students*. Poster presented at the 21st Annual Student Research Week Conference: Texas A&M University (SRW), College Station, Texas.
33. **Chen, S., Jia, Y., Guerra, D., Song, J.,** Woltering, S. (2018, March). *Body Mass Correlates Inversely with inhibitory Control in Go/Nogo Task: an ERP Study*. Poster presented at the Cognitive Neuroscience Society (CNS), Boston, USA.
32. **Kopparla, M., Shi, Q., Nguyen, M.,** Woltering, S. (2018, March). *The Differentiated Developmental Trajectories of Math Performance and its Association with Individual, Classroom, and School Characteristics- A 9-year Longitudinal Study*. Poster presented at the 2018 Biennial Conference of the Society for Research in Human Development (SRHD), Dallas, TX.

31. **Shi, Q., Li, Y.,** Woltering, S. (2018, March). *The Role of Self-regulation in Predicting the Developmental Trajectories of Victimization*. Poster presented at the 2018 Biennial Conference of the Society for Research in Human Development (SRHD), Dallas, TX.
30. **Shi, Q.,** Woltering, S. (2018, March). *The Importance of Ego-Resiliency in Predicting the Developmental Trajectories of Children Strengths and Difficulties-A 12-Year Longitudinal Study*. Poster presented at the 2018 Biennial Conference of the Society for Research in Human Development (SRHD), Dallas, TX.
29. **Sun, H., Shi, Q.,** Woltering, S. (2018, March). *Reporter Differences in the Developmental Trajectories of Adolescents' Strengths and Difficulties: A 4-year Longitudinal Study*. Poster presented at the 2018 Biennial Conference of the Society for Research in Human Development (SRHD), Dallas, TX.
28. **Shi, Q., Ko, E., Sun, H., Lu, J., Kopparla, M.,** Woltering, S. (2018, March). *Differentiated Developmental Trajectories of Children's Reading and Math Performance: A 9-year Longitudinal Study using Growth Mixture Modelling*. Paper presented at the paper symposium at the 2018 Biennial Conference of the Society for Research in Human Development (SRHD), Dallas, TX.

2017 (n = 14)

27. **Shi, Q., Sun, H., Li, Y., Schwartz, J., Dunn, C., &** Woltering, S. (2017, December). *The neural index of reading and self-regulation in elementary school children-A pilot study*. Poster presented at 2017 Annual Society for Neuroscience (SfN)-TAMU Chapter, College Station, Texas.
26. Woltering, S. (2017, November). Neural changes after Cognitive Behavioral Therapy in Children with Externalizing Problem Behaviors. In E. Kang & M. D. Lerner (Chairs), *Electrophysiological Correlates of Treatment Outcomes for Youth Populations*. Symposium conducted at the Annual Convention of the Association for Behavioral and Cognitive Therapies, San Diego, CA.
25. **Sun, H., Shi, Q., Deutz, M., &** Woltering, S. (2017, October). *Investigating the Neural Indices of Reading and Self-Regulation with EEG: A Pilot Study Following Five Children Undergoing Intensive Reading Intervention*. Poster presented at the Association for Research on Memory, Attention, Decision making, Intelligence, Language, Learning, and Organization (ARMADILLO) Southwest Regional Conference for Cognition and Cognitive Neuroscience, College Station, Texas.
24. **Shi, Q,** Woltering,S. (2017, October). *Self-regulation in Emotional and Cognitive Behavior: A Neuroscientific Perspective*. Invited talk for the National Key Laboratory of Cognitive Neuroscience and Learning at Beijing Normal University, China.

23. **Sun, H., Li, Y., Ko, E. H., Nguyen, T. T., Prickett, C., Shi, Q., & Woltering, S.** (2017, September). *Reading and Self-Regulation in the Brain: A Study Design*. Poster presented at the 11th Annual Neuroscience Symposium: Mind in Brain - The Texas Brain and Spine Institute. Texas A&M University, USA.
22. **Shi, Q., Deutz, M. H. F., Woltering, S.** (2017, September). *Evaluation of the Strengths and Difficulties Questionnaire – Dysregulation Profile*. Poster presented at the 2nd Congress on Pediatric Irritability and Dysregulation. Vermont, USA.
21. **Deutz, M., Shi, Q., Jia, Y., Li, Y., Sun, H., Ko, E.H., & Woltering, S.** (2017, April). *Reading and Self-regulation in the Brain: A Study Design*. Poster presented at annual TAMIN conference. Texas A&M University, USA.
* 2nd place winner in the senior graduate student category.
20. **Chen, S., Jia, Y., Guerra, D., Woltering, S.** (2017, April). *Attentional Bias Towards Food cues in Obese Adolescents*. Poster submitted at The 2017 TAMU Student Research Week, Texas, USA.
(Note: largest student-organized research event in the US).
* Winner of the University Writing Center Award for Outstanding Abstract; 2nd place winner in the Education and Human Development Subject Area.
19. **Shi, Q., Kestian, J., Liew, J & Woltering, S.** (2017, April). *A 12-year longitudinal study testing Self-regulation as a Predictor of Problem Behaviors Across Development*. Poster presented at 2017 Society for Research in Child Development (SRCD), Austin, USA.
18. **Prickett, C., Lin, B. & Woltering, S.** (2017, April). *The Relationship Between Stress, Sleep, and Accuracy during a Stress-Inducing Cognitive Task*. Round table presented at the 2017 Annual conference of the American Education Research Association (AERA), San Antonio, USA.
17. **Chen, S., Jia, Y., Woltering, S.** (2017, April). *Attentional Bias Towards Threat in Adolescents with Different Anxiety Levels*. Poster submitted at The 2017 Annual conference of the American Education Research Association (AERA), San Antonio, USA.
16. **Shi, Q., Kestian, J., Liew, J & Woltering, S.** (2017, April). *Self-regulation as Predictor of Development of Problem Behaviors: Implications for Education*. Paper presented at 2017 American Educational Research Association Conference (AERA), San Antonio, USA.
15. Woodward, J., Pang, D., Zhou, J., Woltering, S., & Liew, J. (2017, Feb). *Cultivating Positive Youth Development Outcomes in an Academic Summer Camp Setting*. Talk for American Camp Association, USA

14. Chu, S., L., Garcia, B., Quance, T., Geraci, L., Woltering, S., & Quek, F. (2016, Oct). *Understanding Storytelling as a Design Framework for Cognitive Support Technologies for Older Adults*. Paper presented for International symposium on Interactive Technology and Ageing Populations.
*Winner of Best paper award.
13. **Chen, S., Jia, Y.,** Woltering, S. (2016, April). *Was that a cookie?! On the Neuroscience of attentional bias in obese adolescents*. Poster presented at annual TAMIN conference. Texas A&M University, USA.
12. **Shi, Q.,** Woltering, S. (2016, April). *On the Neuroscience of Self-regulation in Children with Disruptive Behavior Problems: Implications for Education*. Poster presented at the Annual Educational Research Association (AERA), USA.

2009-2015 (n = 11; University of Toronto)

11. Woltering, S, **Liao, V.,** Liu, Z., & Granic, I. (2015, June). *Neural rhythms of change after successful treatment in children with disruptive behavior problems*. Symposium talk presented at the Jean Piaget Society Conference. Toronto, Canada.
10. **Glizer, D.,** Kim, S., Liu, Z., Tannock, R., Woltering, S. (2014, February). Neural correlates of impaired working memory processing in ADHD. Poster presented at the St. Michael's College Undergraduate Research Forum, University of Toronto - 1st place prize.
9. Grimbos, T., Woltering, S., & Granic, I. (2013, September). *A Meta-Analysis Investigating What Works for Children and Youth with Comorbid Internalizing and Externalizing Problems*. Talk presented at the 16th Annual European Conference on Developmental Psychology, Lausanne, Switzerland.
8. Rokeach, A., Woltering, S., Liu, Z. & Tannock, R. (2013, April). *Electrophysiological differences in inhibitory control between ADHD adults and their peers*. Poster presented at the 2013 CNS Annual meeting in San Francisco, US.
7. Lishak, V., Woltering, S., Ferraro, L., Elliot, B., & Granic, I. (2013, April). *Differences in cardiovascular correlates of self-regulation between children with behavioural problems and their peers*. Poster presented at the annual convention for the Canadian Psychological Association in Quebec, Canada.
6. **Glizer, D., Kim, S.,** Liu, Z., Tannock, R., & Woltering, S. (2012, October). *ADHD and Working Memory: neural correlates of impaired processing*. Poster presented at the 59th annual meeting of the American Academy of Child and Adolescent Psychiatry. San Francisco, US.

5. **Jung, J.,** Woltering, S., Liu, Z., & Tannock, R. (2012, April). *Resting state EEG oscillatory power differences in ADHD college students and their peers*. Poster presented at the 2012 Cognitive Neuroscience Society. Chicago, US.
4. Woltering, S., Granic, I., & Lewis, M.D., (2011, April). *Neural correlates of treatment outcome in children with behavioural problems*. Poster presented at Society for Research in Child Development in Montreal. Canada.
3. Woltering, S., **Bazargani, N.,** & Liu, Z. (2010, April). *Eye blink correction: a test on the preservation of common ERP components*. Poster presented at the 2010 Cognitive Neuroscience Society. Boston, US.
2. Woltering, S., Chapman, H., Lamm, C., & Lewis, M.D. (2009, June). *Neurophysiological and cardiovascular correlates of emotion regulation*. Poster presented at “The Neuroscience of Emotion – from reaction to regulation” conference. Tufts University, Medford, Massachusetts, US.
1. Woltering, S., et al. (2009, May). Neural changes associated with improvement of self-regulation in children with behavioral problems. Poster presented at the 2nd biennial conference of the International Mind, Brain, and Education Society. Philadelphia, Pennsylvania, US.

In-service/non-refereed/guest lecture presentations

27. Woltering, S. (2020, October). Surviving in academia during COVID. Brownbag talk presented at the learning sciences division. Texas A&M University, USA.
26. Woltering, S. (2020, February). Noisy Brains. Talk presented at the annual CEHD Voices of Impact. Texas A&M University, USA.
25. Woltering, S., Nguyen, T., & Jia, Y. (2019, April). The Neurobiological lab for Learning and Development. Poster presented at the symposium for CEHD Centers and Labs. Texas A&M University, USA.
24. Woltering, S. (2019, January). *The Neurobiological lab for Learning and Development*. Introductionary talk for School Psychology students. Texas A&M University, USA.
23. Woltering, S. (2018, January). *Direction in the Brain*. Talk presented for leadership seminar from the Dean of Academic Affairs. Texas A&M University, USA.

22. Woltering, S. & Prickett, C. (2017, December). *Bodily Emotion Recognition Differences in Typically Developing and Autism Spectrum Disorder Children: A Proposal*. Talk presented at the Center on Disability and Development. Texas A&M University, USA.
21. Gu, C., & Woltering, S. (2017, November). *Neural processing of working memory in adults with ADHD*. Poster presented for the 2017 Sketch Recognition Lab Experience. Texas A&M University, USA.
20. Woltering, S. (2017, October). *Working Memory in College Students with ADHD*. Brown bag talk presented for the CCID group at the Department of Educational Psychology. Texas A&M University, USA.
19. Woltering, S. (2017, September). *ADHD and Working memory: An EEG task*. Seminar talk presented for the Cognoscenti group at the Department of Psychology. Texas A&M University, USA.
18. Woltering, S. (2017, May). Sleep studies at the Human Clinical Research Facility. Talk presented for HCRF seminar series, Texas A&M University, USA.
17. Woltering, S. (2017, May). *Biometrics at CEHD*. Talk presented for the Dean's counsel, Bryan, Texas.
16. Woltering, S. (2017, April). *Self-Regulation and Dysregulation in Childhood and Adolescence*. Discussant for special TAMU mini-symposium. Texas A&M University, USA.
15. Woltering, S. (2017, February). *The reading brain*. Guest lecture presented for RDNG 604. Texas A&M University, USA.
14. Woltering, S. (2015, December). *Grand opening of the Neurobiological lab for Learning and Development?* Opening talk presented for the College of Education and Human Development. Texas A&M University, USA.
13. Woltering, S. (2015, December). *Developmental Neurobiology*. Talk presented for the university wide Healthy Aging forum. Texas A&M University, USA.
12. Woltering, S. (2015, October). *Do Brain Training Programs Work for Students with ADHD?* Seminar talk presented for the Cognoscenti group at the Department of Psychology. Texas A&M University, USA.
11. Woltering, S. (2015, October). *Neural Indices of Self-control in Children with Disruptive Behavior Problems: Changes after Treatment*. Seminar talk presented for the Motor Behavior group at the Department of Health and Kinesiology. Texas A&M University, USA.

10. Woltering, S. (2015, October). *Neural Changes After Successful Treatment in Children with Disruptive Behavior Problems*. Seminar talk presented for the Behavioral and Cellular Neuroscience group. TAMIN Institute. Texas A&M University, USA.
9. Woltering, S. (2015, September). *Neural correlates of Self-regulation: Implications for Treatment*. Talk presented for clinicians of the Child Development Institute in Toronto, Canada.
8. Woltering, S. (2015, June). *Working memory in adult ADHD: A neural characterization and potential neural changes with treatment*. Guest lecture presented for PSY 3260 – Cognition. York University, Canada.
7. Woltering, S. (2013, November) Cognitive Science and Artificial Intelligence Students' Association. Panel member/discussant. University of Toronto.
6. Woltering, S. (2012, October). *Skin conductance in psychology research: theory and applications*. Guest lecture presented for PSY333H5: Health Psychology. University of Toronto Mississauga.
5. Woltering, S. (2011, July). *Neural correlates of working memory in ADHD: training and individual differences*. Guest lecture presented for the neural oscillations lab. Donders Centre for Cognitive Neuroimaging. Radboud University Nijmegen.
4. Woltering, S. (2010, March). *Basic emotions, secondary emotions, and emotional development*. Guest lecture presented for HDP1265: Advanced Topics in Social and Personality Development. University of Toronto.
3. Woltering, S. (2009, November). *Development of Emotion*. Guest lecture presented for PSY394: Physiology and Psychology of Emotion. University of Toronto.
2. Woltering, S. (2009, October). *Dynamic systems and neural networks*. Guest lecture presented for EDU5537: The adolescent brain – implications for instruction. University of Toronto.
1. Woltering, S. (2009, March). *Remembering - on how and why we store and forget information*. Guest lecture presented for HDP1238: Special topics in neuroscience and education. University of Toronto.

**TEACHING, STUDENT MENTORSHIP, AND OTHER INSTRUCTIONAL
CONTRIBUTIONS**

Course instruction

Courses taught

TAMU EPSY 689	Developmental Neurobiology of Learning: [Semesters taught: S21
TAMU EPSY 673	Learning Theories [S15, F15, S16, S17, S18, S19, S20, S21, S22]
TAMU EPSY 673	Learning Theories *Online* [F15, F16, F17, F18, F19, F20, F21]
TAMU EPSY 634	Educational Neuroscience [semesters taught: F16, F17, F18, F19, F20, F21, F22]
UTOR EDU 5537	The adolescent brain: Implications for instruction [semesters taught: F08]

Course development

2021	EPSY 634: Educational Neuroscience <i>Major course update, including practicum demonstrations of biometrics.</i>
2021	EPSY 689: Developmental Neurobiology of Learning. <i>Developed 100% of conceptualization and material</i>
2016	EPSY 634: Educational Neuroscience <i>Developed 100% of conceptualization and material</i>
2015	EPSY 673: Learning Theories <i>Developed 70% of conceptualization and material</i>
2008	EDU 5537: The adolescent brain: Implications for instruction. <i>Developed 90% of conceptualization and material</i>

Student Committee and Mentorship activities

Please refer to teaching dossier for full list of graduate committee memberships

PhD Chair/Co-Chair

**Co-chair*

Christopher Prickett	Graduated, 2021
Qinxin Shi	Graduated, 2020
Yajun Jia	Graduated, 2020
Chao Gu	Graduated, 2020
Suresh Joshi	Graduated, 2020
Brenna Lin*	Graduated, 2019
Linda Sun	Graduated, 2022
Megan Nguyen	Graduated, 2023
Megan Kresse	Graduated, 2023
Jenna Schwartz	Graduated, 2022

Paige Williams	in progress
Minchao Wang	in progress
Saeedeh Pazoki	in progress
Leigh Ann Fierro	in progress
Christine Richie	in progress
Fanhao Kong	in progress

Significant Recognition of Students Under my Mentorship

2022	Saeedeh Pazoki 22/23 CIRTL Teaching-As-Research Fellow.
2022	Trang Nguyen EPSY Graduate Research Award. \$4000
2020	Linda Sun CEHD Dean's Graduate Award. \$4000 2020 Spring (submitted, Fall 2019)
2020	Suresh Joshi AFS Distinguished Awards in Teaching Excellence
2019	Siqi Chen Graduate Assistantship - Research Award CEHD Strategic Research Award. \$34,000.00 2019-2020 (Submitted January, 2019)
2018	Mahati Kopparla Graduate Assistantship - Research Award CEHD Strategic Research Award. \$34,000.00 2018-2019 (Submitted January, 2018)
2017	Chao Gu Graduate Assistantship - Research Award CEHD Strategic Research Award. \$34,000.00 2017-2018 (Submitted January, 2017)
2016	Qinxin Shi Graduate Assistantship - Research Award CEHD Strategic Research Award. \$34,000.00 2016-2017 (Submitted January, 2016)
2016	Stephen Glombicky Undergraduate Student Research Award Texas A&M University

Students mentored placed in relevant positions

Siqi Chen	2020 Psychometrician, Pearson; Quant researcher, Google.
Brenna Lin	2021 Research Scientist, CA Dept of Public Health
Suresh Joshi	2021 Assistant Professor, SGT University, India
Sunyoong Lee	2021 Assistant Professor, Middle Tennessee State University
Huilin “Linda” Sun	2022 Assistant Professor, Syracuse University, New York
Mahati Kopparla	2023 Assistant Professor, University of Pittsburgh
Chao Gu	2021 Postdoctoral fellow, Mass General. Harvard Medical School
Qinxin Shi	2022 Postdoctoral Fellow, University of Utah
Christopher Prickett	2022 Postdoctoral Fellow, University of Missouri
Yajun Jia	2021 Associate Research Scientist, Columbia University
Jenna Schwartz	2022 Postdoctoral Fellow, Clinical Neuropsychology at CMC Dallas
Megan Kresse	2023 Postdoctoral fellow, Texas Children’s Hospital Houston

Workshops and other teaching/mentorship activities

Workshops and lab-activities

- 2019, June Publication writing workshop. Workshop offered at the State Key Laboratory of Cognitive Neuroscience and Learning. Beijing Normal University, China.
- 2019, June EEG Net application workshop. Workshop offered at the State Key Laboratory of Cognitive Neuroscience and Learning. Beijing Normal University, China.
- 2015 - present EEG training, TAMU (Seasonally)
Lead intense training (10 sessions) with final exam of team of 4+ students on how to use the EEG equipment
- 2014 -present Lab meetings, TAMU (Bimonthly)
Lead discussion on organization or content, organize or give presentations, distribute readings, guest speakers. Lab excursions.
- 2016 CTRLAL Sleep PSG training, TAMU (Weekly)
Lead intense training of interdisciplinary team of 5+ people on sleep equipment.
- 2009 – 2014 Lab seminars, University of Toronto (Bimonthly)
Lead discussion and organization of content relevant to lab.

2009 – 2013 Biometrics training, University of Toronto
Provide training in EEG, psychophysiology to (under)graduate students

Study Abroad

2018 Study Abroad ‘Netherlands and France’
My role: Co-leader guiding 20+ graduate and undergraduate students on an international experience to school and historical sites/museums.

Non-academic teaching experience

2005 - 2007 Private Tutor (part-time)
 1998 - 2005 School Teacher (part-time)
 Roelof Venema School, Elementary School. Amstelveen, The Netherlands

SERVICE

External Service

Grant reviewer

2018/19 National Science Foundation (NSF), Developmental Sciences Program. USA
 Division of Behavioral and Cognitive Sciences.
 2017 National Science Centre, Poland
 2014 The Louisiana Board of Regents Research Competitiveness, USA

Reviewer Services for Professional Journals

* = *Also mentored a graduate student to co-review*

2022 Motivation and Emotion*
 Research in Developmental Disabilities*

2021 Brain and behavior*
 Sleep and breathing*
 Clinical Neurophysiology
 Mind, Brain, and Education
 Clinical Neuropsychology*

2020 Developmental Psychology*
 PLoS*
 Psychophysiology
 Reading and Writing*

- 2019 International Journal of Behavioral Development*,
Brain Topography*
Review of Educational Research*
Development and psychopathology*
Early Education and Development*
- 2018 Journal of Psychiatric Research
Neuropsychologia
Journal of Neural Transmission
Journal of Abnormal Psychology
Early Education and Development*
- 2017 Mind Brain and Education*
Neuropsychologia (3x)*
Journal of the American Academy of Child and Adolescent Psychiatry*
Child Maltreatment*
Child Neuropsychology*
Journal of Child Psychology and Psychiatry*
Early Education and Development (2x)*
Reading and Writing*
Review of Educational Research*
NeuroImage*
- 2016 PLoS*, Biological Psychiatry*
PLoS*, BMC Neuroscience*
PLoS, Psychology Research*
Review of Educational Research
Journal of Neuroscience*
- 2015 Biological Psychiatry
Biological Psychology
Child and Adolescent Mental Health
Psychiatry Research: Neuroimaging
ADHD*
Archives of Clinical Neuropsychology*
Journal of Abnormal Child Psychology*
- 2014 Journal of Psychiatric Research
Developmental Science
Child Development
- 2013 Frontiers in Human Neuroscience
Journal of Neuropsychiatric Disease and Treatment
Biological Psychology
Clinical Neurophysiology
Research in Developmental Disabilities
Clinical Neurophysiology
Behavioral and Brain Functions

Biological Psychiatry
 Journal of Attention Disorders
 Journal of Pharmacology and Pharmacotherapeutics
 NeuroImage

Book/other product reviewer

2023 Book review – Pearson Academic for Educational Psychology
 2018 Book proposal for Routledge’s Educational Psychology list

Professional memberships

- American Educational Research Association
- Society for Research in Child Development
- Cognitive Neuroscience Society
- Society for Neuroscience
- Sleep Research Society
- Jean Piaget Society

Internal Service

Event organization

2022 Organized the 2022 Learning Sciences Conference

Grant/scholarship Reviewer

2023 EC Rohleder & Joshua Rohleder Fellowship Selection Reviewer
 2023 SEHD Y23 Catapult grant reviewer
 2022 EPSY Internship scholarship reviewer
 2020 Heather Bradley Scholarship reviewer
 2018 Program to Enhance Scholarly and Creative Activities (PESCA). Grant Program review board, TAMU
 2017 Program to Enhance Scholarly and Creative Activities (PESCA). Grant Program review board, TAMU

Committee memberships

2022 – 2022 Member CEHD Dean Search
 2022 – Present Member School Psychology Search
 2021 – 2022 Member STR Clinical Search
 2021 – 2022 Member Development Science Search
 2020 - Present A1 Committee member representative for Learning Sciences
 2020 - Present Co-mentor to ACES fellow
 2020 - 2021 COVID Clinical lab reentry policy subcommittee
 2020 - 2021 CEHD undergraduate research opportunity CPI subcommittee
 2019 - 2022 EPSY Research Excellence Awards Committee
 2018 Search Committee (Academic Advisor II)
Assisted with search for Academic Advisor position

2017- 2019	Chair Teaching portal committee (LS Program) <i>Developed online resource to facilitate graduate teaching experience within our program.</i>
2015- 2018	A1 Advisory Committee <i>Tasked with developing comprehensive proposal, and advising on, revised departmental guidelines & system for Annual Review (including incentive system) of professional and tenure-track faculty.</i>
2016 - 2017	Search Committee member Assistant prof (Learning Sciences Program) <i>Assisted with search</i>
2015 - 2016	Assistant professor representative <i>Functioned as representative for all assistant professor in the department.</i>
2015 - 2016	Search Committee member Assistant prof (School Psychology) <i>Assisted with search</i>
2015 - 2016	Search Committee member Associate prof (School Psychology) <i>Assisted with search</i>

Community Outreach and Service Contributions

Professional Consultancy

2013, October	Psychophysiology: application and data acquisition. Dr. Kang Lee's laboratory. University of Toronto.
2011, January	Psychophysiology: application and data acquisition. Dr. Kang Lee's laboratory. University of Toronto.
2018, October	Workgroup "From Science to Practice and Back: Mechanisms of Change in Developmental Psychopathology". Sickkids Hospital - Community Health Systems Resource Group.
2006 - 2007	Electroencephalography net application, data acquisition, and processing. Dr. Philip D. Zelazo's Laboratory. University of Toronto.

NLD outreach

2018, January	Demonstrations and discussion on neuroscience with K12 teachers at the NLD. STEM 4 Innovation Conference for K-12 Education: a 2-day event. Texas A&M University.
2017, March	Demonstrations and discussion on neuroscience with K12 teachers at the NLD. STEM 4 Innovation Conference for K-12 Education: a 2-day event. Texas A&M University.

Media releases

2022, November	Mental health – School Psychology Week
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- 2021, May Brain matter: how our attention can be affected by food. CEHD Press Hub. <https://education.tamu.edu/brain-matter-how-our-attention-can-be-affected-by-food/>
- 2020, February Featured. Texas A&M College of Education Shares Voices of Impact. Texas A&M Today.
- 2018, October Expert of the week. Obesity isn't just a lifestyle problem. Texas A&M Today.
- 2018, October Obesity: not just a lifestyle problem. Transform Lives, News and Events from CEHD. <http://transform.tamu.edu/news/obesity-not-just-lifestyle-problem>
- 2017, October How To Fall Asleep Fast (And Stay That Way). Healthyway. <http://www.healthyway.com/a/how-to-fall-asleep-fast-and-stay-that-way/>
- 2017, February Professor on the Leading Edge of Emerging 'Educational Neuroscience' Field. Texas A&M Today.
- 2017, January CEHD Dedicates Funds for New Research Collaborations. Transform Lives, News and Events from CEHD. <http://transform.tamu.edu/news/cehd-dedicates-funds-new-research-collaborations>
- 2016, November Becoming a Leader in Sleep Quality Research. Transform Lives, News and Events from CEHD. <http://transform.tamu.edu/news/becoming-leader-sleep-quality-research>
- 2015, October The Q&A: Steven Woltering. The Texas Tribune. <https://www.texastribune.org/2015/10/28/q-steven/>
- 2015, September The Science of Learning. Transform Lives, News and Events from CEHD. <http://transform.tamu.edu/magazine/science-learning>
- 2015, July Interdisciplinary Neuroscience Lab Explores the Science of Learning. Transform Lives, News and Events from CEHD. <http://transform.tamu.edu/news/interdisciplinary-neuroscience-lab-explores-science-learning>