

# YIYI WANG

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## Education

- 2020 – 2024 Ph.D., University of Toronto, Canada  
Advisor: Norman Farb
- 2018 – 2020 M.S., University of Southern California, US  
Advisors: Jonathan Tarbox, Michael Cameron
- 2014 – 2017 B.A. (Cum Laude), University of California Irvine, US

## Honors and Awards

- 2024 – Present Mitacs Business Strategy Internship
- 2020 – 2024 Connaught International Scholarship for Doctoral Students
- 2024 Mitacs Accelerate Fellowship
- 2023 Mindfulness Mechanisms and Methods Meeting (M<sup>4</sup>) Travel Fellowship
- 2023 Inlight Research Fellowship
- 2021 The Association for Contextual Behavior Science Diversity Award
- 2020 The USC Dornsife Award for Commitment to Diversity
- 2019 The California Association for Behavior Analysis Convention Poster Award
- 2017 Cum Laude in Psychological Science
- 2015 – 2017 Dean's Honor List

## Publications

- Wang, Y.**, & Farb, N. A. S. (under review). Chatbot-based Interventions for Mental Health Support. *Mindfulness*. <https://doi.org/10.31234/osf.io/xj7cz>
- Wang, Y.**, Kortschot, S., & Farb, N. A. S. (under review). User Engagement and Wellbeing: The Role of Digital Self-Monitoring in Mental Health Support. *Journal of Happiness Studies*. <https://doi.org/10.31234/osf.io/27ebr>
- Wang, Y.**, Chung, J., & Farb, N. A. S. (under review). How You Ask Matters: Evidence-based Assessment Connecting Decentering, Reappraisal, and Self-Reported Wellbeing in a Post-Secondary Sample. *Frontiers*.
- Wang, Y.**, Garland, E. L., & Farb, N. A. S. (2023). An experimental test of the mindfulness-to-meaning theory: Casual pathways between decentering, reappraisal, and well-being. *Emotion*. <https://psycnet.apa.org/doi/10.1037/emo0001252>
- Kumar, H., **Wang, Y.**, Shi, J., Musabirov, I., Farb, N. A., & Williams, J. J. (2023, April). Exploring the use of large language models for improving the awareness of mindfulness. In *Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems* (pp. 1-7). <https://doi.org/10.1145/3544549.3585614>
- Fang, S., Huang, M., & **Wang, Y.** (2023). Reliability and validity of the Chinese version of personalized psychological flexibility index (C-PPFI) in college students. *Journal of Contextual Behavioral Science*, 28, 23–32. <https://doi.org/10.1016/j.jcbs.2023.03.008>

- Wang, Y., & Farb, N. A.** (2023). Web-based training for post-secondary student well-being during the pandemic: a randomized trial. *Anxiety, Stress, & Coping*, 36(1), 1-17. <https://doi.org/10.1080/10615806.2022.2079637>
- Fang, S., Huang, M., & **Wang, Y.** (2022). Measuring self-as-context in Chinese college students: Validity and reliability of the Chinese version of self-as-context scale (C-SACS). *Frontiers in Psychology*, 13. <https://doi.org/10.3389/fpsyg.2022.1051661>
- Chastain, A., Tarbox, J., Meshes, E., & **Wang, Y.** (2022). A Pilot Study: Evaluating the Effects of Defusion on Choice Making Under Negative and Positive Reinforcement Contingencies. *The Psychological Record*, 1-15 <https://doi.org/10.1007/s40732-022-00511-3>
- Wang, Y.,** Tarbox, J., Chastain, A., & Cameron, M. J. (2020). The Effects of Bilingual Acceptance and Commitment Training (ACT) on Exercise in Bilingual University Students. *Journal of Contextual Behavioral Science*, 18, 1-8. <https://doi.org/10.1016/j.jcbs.2020.08.002>
- Wang, Y.,** Kang, S., Ramirez, J., & Tarbox, J. (2019). Multilingual Diversity in the Field of Applied Behavior Analysis and Autism: A Brief Review and Discussion of Future Directions. *Behavior Analysis in Practice*, 1-10. <https://doi.org/10.1007/s40617-019-00382-1>
- Wang, Y.** (2017). Understanding the world of people with autism. *Journal of Growing*, 11(1), 253-254. (in Chinese)

### **Conference Presentations and Invited Talks**

- Wang, Y., & Farb, N.** (2024, February). Optimizing Wellbeing with Personalized Mindfulness Chatbot. *Poster presentation at the Society for Personality and Social Psychology, San Diego, CA*
- Campbell, AV., **Wang, Y.,** & Inzlicht, M. (2024, February). The Impact of AI on Meaning. *Poster presentation at the Society for Personality and Social Psychology, San Diego, CA*
- Wang, Y., & Farb, N.** (2023, June). Student-Informed Wellbeing Assessment and Customized Interventions. *Poster presentation at the Society for Digital Mental Health.*
- Kumar, H., **Wang, Y.,** Shi J, Musabirov I, Farb N, & Williams J (2023, April). Exploring the Use of Large Language Models for Improving the Awareness of Mindfulness. *In Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems (CHI EA '23)* <https://doi.org/10.1145/3544549.3585614>
- Wang, Y.** (2023, March). Psychology Career Panel. *Invited Speaker at University of Toronto Mississauga*
- Wang, Y.,** Garland, E. L., & Farb, N. (2023, February). An Experimental Test of the Mindfulness-to-Meaning Theory: Causal Pathways between Decentering, Reappraisal, and Wellbeing. *Poster presentation at the International Society for Contemplative Research*
- Wang, Y.** (2022, February). Diversity, Equity, and Inclusion. *Invited speaker at the Asian Culture and Contextual Behavioral Science SIG*
- Wang, Y.,** Garland, E., & Farb, N. (2022, February). Mindfulness-to-Meaning Theory: A Pathway to Improve Meaning in Life and Overall Wellbeing. *Poster presentation at the Society for Personality and Social Psychology 2022 Annual Convention*
- Wang, Y.,** Farb, N. (2021, May). Mental Training for Academic Success during the Pandemic. *Poster presentation at the American Psychiatric Association 2021 Annual Convention*
- Wang, Y. & Cameron, M.** (2020, May). Descriptive Functional Assessment of Aberrant Behaviors in a Gaming Environment. *Paper presentation at the Association for Behavioral Analysis International 46<sup>th</sup> Annual Convention, Washington, DC*
- Wang, Y.,** Tarbox, J., & Chastain, A. (2020, March). The Effects of Bilingual Acceptance and Commitment Training (ACT) on Exercise in Bilingual University Students. *Symposium*

*presentation on Applications of ACT for Exercise Across Neurodiverse and Linguistically Diverse Populations at the California Association for Behavior Analysis 38<sup>th</sup> Annual Western Regional Conference on Behavior Analysis, San Francisco, CA*

- Wang, Y.,** Tarbox, J., & Lin, Z. (2020, March). Delay Discounting in Linguistically Diverse College Students. *Symposium presentation on the Experimental Research on Delay Discounting: Implications for Linguistically Diverse Populations and Beyond at the California Association for Behavior Analysis 38<sup>th</sup> Annual Western Regional Conference on Behavior Analysis, San Francisco, CA*
- Chastain, A., Tarbox, J., & **Wang, Y.** (2020, March). Can Altering Private Events Change “Personality”? *Symposium presentation on the Experimental Research on Delay Discounting: Implications for Linguistically Diverse Populations and Beyond at the California Association for Behavior Analysis 38<sup>th</sup> Annual Western Regional Conference on Behavior Analysis, San Francisco, CA*
- Wang, Y.,** Kang, S., & Tarbox, J. (2019, May). Multilingual Diversity in Autism: Challenging Common Assumptions within Applied Behavior Analysis. *Paper presentation on Patterns of Service and Diagnosis in Autism Spectrum Disorder at the Association for Behavioral Analysis International 45<sup>th</sup> Annual Convention, Chicago, IL*
- Wang, Y.,** & Tarbox, J. (2019, February). Multilingual Diversity in Autism: Challenging Common Assumptions within Applied Behavior Analysis. *Poster presented at the California Association for Behavior Analysis 37<sup>th</sup> Annual Western Regional Conference on Behavior Analysis, Long Beach, CA*

## **Research Experience**

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|----------------|---|
| 2023 – Present | Optimizing Wellbeing with Personalized Mindfulness Chatbot<br>Supervised by Dr. Norman Farb, University of Toronto  |
| 2023 – 2024    | Evaluating Gamified Interventions for Student Mental Health Enhancement<br>Supervised by Dr. Norman Farb, University of Toronto   |
| 2022 – 2023    | User-informed Intervention Customization<br>Supervised by Dr. Norman Farb, University of Toronto  |
| 2022 – 2023    | Effort, Meaningfulness, and Automation<br>Collaboration with Dr. Michael Inzlicht, University of Toronto  |
| 2022 – 2022    | Chatbot and Wellness<br>Supervised by Dr. Norman Farb, University of Toronto  |
| 2021 – 2022    | Mindfulness to Meaning Study<br>Supervised by Dr. Norman Farb, University of Toronto  |
| 2020 – 2021    | Mental Training for Academic Success during the Pandemic<br>Supervised by Dr. Norman Farb, University of Toronto  |
| 2019 – 2020    | Delay Discounting in Linguistically Diverse College Students<br>Supervised by Dr. Jonathan Tarbox, University of Southern California  |
| 2019 – 2020    | Descriptive Functional Assessment on Aberrant Behaviors in Gaming Environment<br>Supervised by Dr. Michael Cameron, University of Southern California                                     |
| 2019 – 2020    | The Effects of Multilingual Acceptance and Commitment Training (ACT) on Exercise in Bilingual University Students<br>Supervised by Dr. Jonathan Tarbox, University of Southern California |
| 2018 – 2019    | The Effects of Acceptance and Commitment Training-Based Exercise on Eating Behaviors in a Laboratory Setting<br>Supervised by Dr. Jonathan Tarbox, University of Southern California      |

- 2015 – 2016 Cognitive Processing, Health, and Emotion Regulation  
Supervised by Dr. Susan Charles, University of California Irvine
- 2015 – 2016 Parenting Self-Efficacy Project  
Supervised by Dr. Susan Holloway, University of California Berkeley

### **Professional Experience**

- 2024 – Present Mitacs Internships, Upbeing
- 2022 – 2023 Researcher Representative, Inlight Student Mental Health Research Initiative
- 2021 – 2022 Consultant, UPLUS Academy
- 2020 Clinical Supervisor, Florida Autism Center
- 2018 – 2020 Fellowship, Autism Partnership Foundation Academy
- 2017 – 2018 Registered Behavior Technician, All Kids First
- 2016 Teaching Assistant, UCI Extended Day Center

### **Professional Affiliations**

- 2020 – Present American Psychological Association
- 2019 – Present Diversity and Inclusion Special Interest Group California Association for Behavior Analysis
- 2018 – Present Association for Behavior Analysis International
- 2018 – 2020 California Association for Behavior Analysis

### **Skills and Knowledge**

**Programming Languages:** Python, R, JavaScript, C#, SQL, HTML/CSS

**User Research & Testing:** Qualitative & Quantitative Research, Usability Testing, User Interviews, User Surveys, A/B Testing, Journey Mapping, Persona Development, User Flow Analysis

**Data Science:** Predictive Modeling, Machine Learning Algorithms, Large Language Models (LLMs), Statistical Analysis, Clustering & Classification, Natural Language Processing (NLP), Data Visualization

**Tools:** Tableau, MySQL, Figma, Qualtrics, Dovetail, Google Analytics, Asana

**Soft Skills:** Communication, Collaboration, Project Management, Presentation, Report Writing

**Certificates:** Board Certified Behavior Analyst