

Kimberly S. Chiew

University of Denver
Department of Psychology
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Employment

2017-present Assistant Professor
Department of Psychology
University of Denver

Education & Training

2013-2017 Postdoctoral Fellow, Motivated Memory Lab
Center for Cognitive Neuroscience
Duke University
PI: R. Alison Adcock

2013 Ph.D., Psychology, Washington University in St. Louis
Specialization: Brain, Behavior & Cognition
Cognitive, Computational, & Systems Neuroscience Pathway
Dissertation Title: *Emotion versus Motivation: Probing Dissociable Influences on Cognitive Control Through Task Performance, Pupillometry Methods, and Individual Differences*
Advisor: Todd S. Braver

2005 B.Sc.(Hons), Neuroscience, University of Toronto
Graduated with Distinction
Psychology Minor

Funding

2021-2023 Brain & Behavior Foundation – NARSAD Young Investigator Grant
Role: Principal Investigator
Project Title: *Investigating Temporal Dynamics of Motivation-Cognitive Control Interactions in Children with ADHD Using High-Resolution Pupillometry*
Total Direct Costs: \$69,988 USD
(awarded 2020; onset delayed to 2021 due to COVID-19)

2020-2021 University of Denver – Center for American Politics Affiliate

Role: Principal Investigator
Project Title: *Characterizing prediction error, emotion, and information-seeking in the context of the 2020 US Presidential Election*
Total Direct Costs: \$10,000 USD

2020-2021 Diversity Supplement to NIMH 1R15MH117690-01
Role: Primary Mentor
To support training of post-baccalaureate Sloan Ferron (PI)
Total Direct Costs: \$49,700 USD

2020-2021 University of Denver – Provost’s Innovation Fund
Role: Co-Principal Investigator (with PI Peter Sokol-Hessner)
Project Title: *Control, Choice, & Affect in the Context of the COVID-19 Pandemic*
Total Direct Costs: \$7,500 USD

2020-2022 University of Denver – Faculty Research Fund
Role: Principal Investigator (with co-PIs E. Paige Lloyd and Peter Sokol-Hessner)
Project Title: *Characterizing the Role of Incentives in Modulating Racial Biases During the Decision to Shoot*
Total Direct Costs: \$3,000 USD

2018-2021
(NCE to 2022) National Institutes of Health – NIMH 1R15MH117690-01
Role: Principal Investigator
Project Title: *Beyond Reward: Approach and avoidance motivation generate functional contexts for cognitive control and adaptive memory*
Total Direct Costs: \$300,000 USD

2014-2017 Postdoctoral Fellowship, Canadian Institutes of Health Research (\$150,000 CDN).

2009-2012 Canada Graduate Scholarship, Doctorate Level, Natural Sciences and Engineering Research Council of Canada (\$63,000 CDN).

2008-2009 Canada Graduate Scholarship, Master’s Level, Natural Sciences and Engineering Research Council of Canada (\$18,500 CDN)

Awards & Honors

2023 Nominee, University of Denver Student Supervisor of the Year
2022 Elected Member, Memory Disorders Research Society
2019 Association for Psychological Science Rising Star Award
2017 Elected Fellow, Psychonomic Society

2017	Travel Award, Scientific Research Network on Decision Neuroscience and Aging Methodology Workshop
2015	Early Career Investigator Travel Award, Duke University Department of Psychiatry and Behavioral Sciences
2014-2015	Fellow, Preparing Future Faculty Program, Duke University
2013	Travel Award, Mechanisms of Motivation, Cognition, & Aging Conference
2012	Dissertation Fellowship, Washington University
2012	Travel Award, Wisconsin Symposium on Emotion
2011	Fellow, NIMH Summer Institute in Cognitive Neuroscience
2011	Travel Award, Determinants of Executive Function and Dysfunction Conference, University of Colorado
2008-2010	Cognitive, Computational & Systems Neuroscience Trainee, McDonnell Centre for Systems Neuroscience
2007	University Fellowship, Washington University in St. Louis
2007	Ontario Graduate Scholarship (declined)

Publications

(Google Scholar h-index: 16; citations > 2200)

** trainee at the University of Denver*

Peer-Reviewed Journal Articles

1. Pham, K.C.*, **Chiew, K.S.** (under review). Air pollution impacts on cognition and neurodevelopment: adverse effects and health disparities.
2. Herrera, L.A.*, Ferron, S.E.I.*, Asmar, A.J.*, **Chiew, K.S.** (in revision). Motivated emotion regulation: impacts on affect, effort, and strategy selection. Preprint: <https://psyarxiv.com/bqwzs>
3. Gower, T., **Chiew, K.S.**, Rosenfield, D., Bowen, H.J. (revision submitted). Positive biases and psychological functioning during the COVID-19 pandemic. *Cognition & Emotion*. Preprint: <https://psyarxiv.com/fjnh8>
4. **Chiew, K.S.** (in press). Cognitive effort in depression: autonomic correlates and clues to potential rescue. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*.
5. Gholston, A.S.*, Thurmann, K.E.*, **Chiew, K.S.** (in press). Contributions of sustained and transient reward to memory formation. *Psychological Research*. Preprint: <https://psyarxiv.com/zcs3t>
6. **Chiew, K.S.**, Harris, B.B.*, Adcock, R.A. (2021). Remembering Election Night 2016: Subjective but not objective metrics of autobiographical memory vary with

political affiliation, affective valence, and surprise. *Journal of Experimental Psychology: General*. <https://doi.org/10.1037/xge0001080>

7. **Chiew, K.S.** (2021). Revisiting positive affect and reward effects on cognitive control. *Current Opinion in Behavioral Sciences*, 39: 27-33.
8. Martins-Klein, B., Alves, L.A.*, **Chiew, K.S.** (2020). Proactive versus reactive emotion regulation: a dual-mechanisms perspective. *Emotion*, 20: 87-92.
9. Stanek, J.K., Dickerson, K.C., **Chiew, K.S.**, Clement, N.J., Adcock, R.A. (2019). Expected reward value and reward uncertainty have temporally dissociable effects on memory formation. *Journal of Cognitive Neuroscience*. doi: 10.1162/jocn_a_01411
10. Horne, A.J., **Chiew, K.S.**, Zhuang, J., George, L.K., Adcock, R.A., Madden, D.J., Chen, N.K., Potter, G.G., Lad, E.G., Cousins, S.W., Lin, F.R., Mamo, S.K., Maciejewski, A.J., Fernandez, X.D., Whitson, H.E. (2018). Relating sensory, cognitive, and neural factors to older persons' perceptions about happiness: an exploratory study. *Journal of Aging Research*. doi: 10.1155/2018/4930385
11. **Chiew, K.S.**, Hashemi, J., Gans, L.K., Lerebours, L., Clement, N.J., Vu, M.A., Sapiro, G., Heller, N.E., Adcock, R.A. (2018). Motivational valence alters memory formation without altering exploration of a real-life spatial environment. *PLoS ONE*. doi: 10.1371/journal.pone.0193506.
12. **Chiew, K.S.**, Stanek, J.K., Adcock, R.A. (2016). Reward anticipation dynamics during cognitive control and episodic memory performance: implications for dopamine. *Frontiers in Human Neuroscience*. 10:555. doi: 10.3389/fnhum.2016.00555.
13. **Chiew, K.S.**, Braver, T.S. (2016). Reward favors the prepared: incentive and task-informative cues interact to enhance attentional control. *Journal of Experimental Psychology: Human Perception and Performance*. 42: 52-66.
14. Braver, T.S., Krug, M.K., **Chiew, K.S.**, Kool, W., Clement, N.J., Adcock, R.A., Barch, D.M., Botvinick, M.M., Carver, C.S., Cools, R., Custers, R., Dickinson, A.R., Dweck, C.S., Fishbach, A., Gollwitzer, P.M., Hess, T.M., Isaacowitz, D.M., Mather, M., Murayama, K., Pessoa, L., Samanez-Larkin, G.R., Somerville, L.H., for the MOMCAI group. (2014). Mechanisms of motivation-cognition interaction: challenges and opportunities. *Cognitive, Affective and Behavioral Neuroscience*, 14: 443-72.
15. **Chiew, K.S.**, Braver, T.S. (2014). Dissociable influences of reward motivation and positive emotion on cognitive control. *Cognitive, Affective and Behavioral Neuroscience*, 14: 509-29.

16. Zedelius, C.M., Veling, H., Custers, R., Bijleveld, E., **Chiew, K.S.**, Aarts, H. (2014). A new perspective on human reward research: how consciously and unconsciously perceived reward information influences performance. *Cognitive, Affective and Behavioral Neuroscience*, 14: 493-508.
17. **Chiew, K.S.**, Braver, T.S. (2013). Temporal dynamics of motivation-cognitive control interactions revealed by high-resolution pupillometry. *Frontiers in Psychology* 4:15. doi: 10.3389/fpsyg.2013.00015.
18. **Chiew, K.S.**, Braver, T.S. (2011b). Monetary incentives improve performance, sometimes: speed and accuracy matter, and so might preparation. Comment on Dambacher et al. *Frontiers in Psychology* 2:325. doi: 10.3389/fpsyg.2011.00325
19. **Chiew, K.S.**, Braver, T.S. (2011a). Positive affect versus reward: emotional and motivational influences on cognitive control. *Frontiers in Psychology* 2:279. doi: 10.3389/fpsyg.2011.00279.
20. **Chiew, K.S.**, Braver, T.S. (2011). Neural circuitry of emotional and cognitive conflict revealed through facial expressions. *PLoS ONE* 6(3): e17635. doi:10.1371/journal.pone.0017635.
21. Keightley, M.L., **Chiew, K.S.**, Anderson, J.A.E., Grady, C.L. (2011). Neural correlates of recognition memory for emotional faces and scenes. *Social, Cognitive, and Affective Neuroscience*, 6: 24-37.
22. **Chiew, K.S.**, Braver, T.S. (2010). Exploring emotional and cognitive conflict using speeded voluntary facial expressions. *Emotion*, 10: 842-854.
23. Savine, A.C., Beck, S.M., Edwards, B.G., Chiew, K.S., Braver, T.S. (2010). Enhancement of cognitive control by approach and avoidance motivational states. *Cognition & Emotion*, 24: 338-356.
24. Stevens, W.D., Hasher, L., **Chiew, K.S.**, Grady, C.L. (2008). A neural mechanism for memory failure in older adults. *Journal of Neuroscience*, 28: 12820-4.
25. **Chiew, K.S.**, Shepherd, H., Vardy, J., Tattersall, M.H.N., Butow, P.N., Leighl, N.B. (2008). Development and evaluation of a decision aid for patients considering first-line chemotherapy for metastatic breast cancer. *Health Expectations*, 11: 35-45.
26. Keightley, M.L., **Chiew, K.S.**, Winocur, G., Grady, C.L. (2007). Age-related differences in brain activity underlying identification of emotional expressions in faces. *Social, Cognitive, and Affective Neuroscience*, 2: 292-302.
27. Vardy, J., **Chiew, K.S.**, Galica, J., Pond, G.R., Tannock, I.F. (2006). Side effects associated with dexamethasone for prophylaxis of delayed emesis after moderately emetogenic chemotherapy. *British Journal of Cancer*, 94: 1011-5.

Book Chapters & Other Contributions

28. **Chiew, K.S.**[^], Bowen, H.J.[^] (2022). Neurobiological mechanisms of selectivity in motivated memory. In A. Elliott (ed.) *Advances in Motivation Science*. [^] *equal contributions*
29. **Chiew, K.S.**, Adcock, R.A. (2019). Motivated memory: integrating cognitive and affective neuroscience. In K.A. Renninger, S. Hidi, (eds.) *Cambridge Handbook of Motivation and Learning*.
30. **Chiew, K.S.**, Dickerson, K.C., Adcock, R.A. (2018). What is the added value in studying the brain for understanding emotion? Accepted for A.S. Fox, R.C. Lapate, A.J. Shackman, R.J. Davidson (eds.) *The Nature of Emotion: Fundamental Questions (second edition)*. New York: Oxford University Press.
31. **Chiew, K.S.**, Braver, T.S. (2017). Context processing and control in the human brain: from gating models to dual mechanisms. In T. Egner (ed.) *The Wiley Handbook of Cognitive Control*. Chichester, West Sussex: John Wiley & Sons.
32. Leighl, N.B., Butow, P.N., Tattersall, M.H.N., Vardy, J., **Chiew, K.**, McJannett, M., Shepherd, H. (2005). *Facing a Treatment Decision: Decision Aid for Patients with Metastatic Breast Cancer Considering Chemotherapy*. Workbook with audio recording produced for patient use at Princess Margaret Hospital, Toronto, Canada, and Royal Prince Alfred Hospital, Sydney, Australia.

Teaching & Mentoring

Instructor (Department of Psychology, University of Denver)

Affective Neuroscience (undergraduate/graduate; 2019, 2021, 2023)
Cognitive Neuroscience Seminar (undergraduate; 2023)
Executive Function (undergraduate/graduate; 2022)
Introduction to Cognitive Neuroscience (undergraduate; 2018, 2019, 2020, 2022, 2023)
Proseminar in Cognitive Neuroscience (graduate; 2018, 2020, 2021)

Guest Lecturer

University of Denver Cognitive Neuroscience Seminar (undergraduate)
 Junior Honors Class (undergraduate)
 Research Ethics (graduate)

Senior Seminar in Cognition – *Toronto Metropolitan University*
Introduction to Cognitive Neuroscience – *Duke University*
Research Topics in Behavioral Neuroscience – *North Carolina State University*
Cognitive Psychology – *Washington University in St. Louis*
Introduction to Psychology – *Washington University in St. Louis*

Teaching Assistant (Department of Psychology, Washington University in St. Louis)

2012 Cognitive Psychology (undergraduate)
2010 Introduction to Psychology (undergraduate)

Program Assistant

2011 C-SURE Program
(summer undergraduate neuroscience research program)
*Departments of Psychology, Neuroscience, and Biomedical
Engineering, Washington University in St. Louis*

Graduate Student Mentoring

University of Denver

Lyneé (Alves) Herrera (primary advisor; 2018-present)
Alyssa Asmar (primary advisor; 2022-present)
Rachel Brough (primary advisor; 2022-present)
Jay Von Monteza (secondary advisor, 2022-present)

Damon Abraham, Ph.D. (committee member; 2019-2021)
Nina Anderson (committee member; 2022-present)
Hayley Brooks (committee member; 2021-present)
Chris Capistrano (committee member; 2018-present)
Jenna Chin (committee member; 2022-present)
Elric Elias, Ph.D. (committee member; 2018-2019)
Rebecca Handsman (committee member; 2023-present)
Eliza Kramer (committee member; 2023-present)
Naomi Wright, Ph.D. (committee member; 2019-2022)

External Examiner

Jasmine Raw (Ph.D. viva examiner, University of Reading, UK; 2022)

Undergraduate & Post-Baccalaureate Student Research Mentoring

University of Denver

Alyssa Asmar, Alex Boisvert, Brynn Dominice, Mak Dempsey, Madison Eitniar,
Sloan Ferron, Avery Gholston, Bailey Harris, Chad Kashiwa, Madeline Leake,
Liam Leathem, Megan Lucyshyn, Megan McCaughey, Romel Minassie, Audrey
Ng, Meghan Olt, Haley Paez, Natalie Platt, Naomi Sellers, Natalie Shaffer, Chase
Spurbeck, Kevin Summers, Dhruvi Thakkar, Addison Thomas, Kyle Thurmann,
Cory Vandenberg

Selected awards won by mentored trainees at the University of Denver:

Lyneé Herrera: National Science Foundation Graduate Research Fellowship, Ford Foundation Predoctoral Fellowship (Honorable Mention), DU Entrance Fellowship, DU Graduate Education Doctoral Fellowship for Inclusive Engagement

Madison Eitnear: Shaklee-Trowill Award for best undergraduate thesis in the Department of Psychology, University of Denver

Sloan Ferron: Diversity Supplement to NIMH 1R15MH117690-01

Avery Gholston: Partners in Scholarship (PINS) Award

Bailey Harris: Trowill Award (granted to 2 graduating DU seniors for meritorious work in psychology), DU Summer Research Grant, DU Student Scholar Travel Award

Madeline Leake: DU Partners in Scholarship (PINS) Award

Chad Kashiwa: DU Partners in Scholarship (PINS) Award

Audrey Ng: DU Partners in Scholarship (PINS) Award

Kevin Summers: National Science Foundation Graduate Research Fellowship

Kyle Thurmann: DU Partners in Scholarship (PINS) Award

Cory Vandenberg: DU Partners in Scholarship (PINS) Award

Duke University

Katherine Barnes, Clara Colombatto, Meghan Drastal, Natalia Espinosa, Laura Lerebours, Deeksha Malhotra, Sujal Manohar, Daniel O'Connell, Jacqueline Warren

Washington University in St. Louis

John Allman, Bethany Edwards, Renaldo Gacad, Alexandra Haserodt, Shoko Otake, Lauren Patrick, Sarah Schwartz, Eric Sitterley, Julie Zhou

Invited Research Talks

2023	Cognitive Area Seminar, University of British Columbia
2023	Context & Affective Memory Virtual Meeting
2022	Institute for Cognitive Science Colloquium Series, University of Colorado-Boulder
2022	Teaching Faculty, Kavli Summer Institute in Cognitive Neuroscience, University of California-Santa Barbara (topic: <i>Motivated Cognition: Environmental, Neural, and Computational Bases</i>)
2022	Brain, Behavior & Cognition Colloquium, Washington University in St. Louis
2022	Cognition and Cognitive Neuroscience Brown Bag, Texas A&M University
2021	Department of Psychology, Radford University
2021	Center on American Politics, University of Denver
2021	Department of Psychology, Eastern Oregon University
2021	Cognitive Colloquium Series, Purdue University
2021	Social Cognitive Seminar Series, Brown University
2021	Department of Psychology, Columbia University
2019	Neuroscience Research Group, University of Denver
2019	Neuroscience Seminar Series, Colorado State University

2019	Denver fMRI Analysis Workgroup, University of Denver
2019	Women in Affective Science Institute, University of Colorado-Boulder
2018	Department of Psychology, Wake Forest University
2018	Duke University Postdocs Association, Duke University
2018	Neuroscience Seminar Series, University of Wyoming
2017	Institute for Cognitive Science Colloquium Series, University of Colorado-Boulder
2017	Developmental Brown Bag, Department of Psychology, University of Denver
2017	Developmental Psychology Seminar Series, Department of Psychology & Neuroscience, Duke University

Conference Talks

1. **Chiew, K.S.** (2018). Locomotive and exploratory contributions to motivated memory encoding in a complex real-life environment. Symposium talk presented at the Annual Meeting of the American Psychological Association (San Francisco, CA).
2. **Chiew, K.S.** (2018). Motivated memory: what can we learn from cognitive neuroscience? Workshop talk presented at the Annual Meeting of the American Educational Research Association (New York, NY).
3. **Chiew, K.S.** (2017). Motivated autobiographical memory: effects of valence and surprise on memory for the 2016 U.S. presidential election. Symposium talk, Annual Meeting of the Psychonomic Society (Vancouver, BC).
4. **Chiew, K.S.** (2017). Modulators of motivated anticipation: control and memory encoding outcomes. Symposium talk, Annual Meeting of the Association for Psychological Science (Boston, MA).
5. **Chiew, K.S.** (2016). Approach and avoidance motivation effects on human spatial exploration and learning in a real-life environment. Symposium talk, Annual Meeting of the North Carolina Cognition Group (Winston-Salem, NC).
6. **Chiew, K.S.** (2015) Considerations in the investigation of positive emotion and reward influences on cognitive control. Symposium talk, Annual Meeting of the European Society for Cognitive Psychology (Paphos, Cyprus).
7. **Chiew, K.S.** (2013). Emotional and motivational influences on cognitive control. Symposium talk, Annual Meeting of the Association for Psychological Science (Washington, DC).
8. **Chiew, K.S.** (2010). Shifts in cognitive control dynamics during conflict processing under primary motivational incentives. Symposium talk, Show-Me Mental State Conference (St. Louis, MO).

Selected Conference Posters

1. Asmar, A.J.* , Lattanzio, L., Kluger, B.M., Buard, I., **Chiew, K.S.** (2022). Modulatory effects of excitatory theta-burst TMS to prefrontal cortex on reward-motivated cognitive control and subsequent memory. Poster presented at the Annual Meeting of the Psychonomic Society (Boston, MA) and at the Workshop for Mental Effort (Providence, RI). *Selected for Workshop for Mental Effort flash talk*
2. Thurmann, K.E.* , Moon, D.H., Gray, H., Ng, A.* , Bowen, H.J., **Chiew, K.S.** (2022). Reward anticipation effects on cognitive control and memory encoding: a meta-analysis. Poster presented at the Annual Meeting of the Psychonomic Society (Boston, MA).
3. Herrera, L.A.* , Leake, M.* , **Chiew, K.S.** (2022). Engagement in risky behaviors and links to emotion regulation. Poster presented at the Annual Meeting of the Society for Affective Science (virtual due to COVID-19).
4. Sellers, N.K.* , Ferron, S.E.I.* , **Chiew, K.S.** (2021). Prediction error, emotion, and information-seeking behaviors in the context of the 2020 U.S. Presidential Election. Poster presented at the Annual Meeting of the Association for Psychological Science (virtual due to COVID-19).
5. Herrera, L.A.* , Ferron, S.E.I.* , **Chiew, K.S.** (2021). Motivated emotion regulation: impacts on affect, effort, and strategy selection. Poster presented at the Annual Meeting of the Society for Affective Science (virtual due to COVID-19).
6. Gholston, A.S.* , **Chiew, K.S.** (2020). Sustained and transient reward effects on item and associative memory. Poster presented at the Annual Meeting of the Psychonomic Society (virtual due to COVID-19).
7. Ferron, S.E.I.* , Alves, L.A., **Chiew, K.S.** (2020). Common and distinct influences of reward versus punishment on interacting cognitive control and memory encoding processes. Poster presented at the Annual Meeting of the Psychonomic Society (virtual due to COVID-19).
8. Harris, B.B.* , **Chiew, K.S.** (2020). Diverging influences of media consumption on emotional responses to and memory representations of the 2016 U.S. Presidential Election. Poster presented at the Annual Meeting of the Psychonomic Society (virtual due to COVID-19).
9. Alves, L.A.* , Egner, T., Adcock, R.A., **Chiew, K.S.** (2019). Motivational effects on item and source memory encoding during cognitive control performance. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association (Denver, CO) and Society for Affective Science (Boston, MA).

10. **Chiew, K.S.**, Newson, A., Lerebours, L., Gans, L.K., Hashemi, J., Clement, N.J., Vu, M.A., Sapiro, G., Heller, N.E., Adcock, R.A. (2016) Approach and avoidance motivation modulate human spatial exploration and learning in a real-life environment. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society (New York, NY).
11. **Chiew, K.S.**, Hashemi, J., Gans, L.K., Lerebours, L., Clement, N.J., Vu, M.A., Sapiro, G., Heller, N.E., Adcock, R.A. (2015). Motivational framing and individual differences modulate exploration behavior and subsequent memory for a museum exhibit on human responses to environmental issues. Poster presented at the Annual Meeting of the Association for Psychological Science (New York, NY).
12. **Chiew, K.S.**, Braver, T.S. (2012, 2013). Positive affect versus reward: comparing emotional and motivational influences on cognitive control. Poster presented at the Annual Meeting of the Psychonomic Society (Minneapolis, MN) and the Mechanisms of Motivation, Cognition, & Aging Conference (Washington, DC).
13. **Chiew, K.S.**, Gacad, R., Brown, T.B., Braver, T.S. (2012). Pupillometry reveals changes in cognitive control dynamics as a function of motivational incentives. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society (Chicago, IL) and Wisconsin Symposium on Emotion (Madison, WI).
14. **Chiew, K.S.**, Braver, T.S. (2010, 2011). Influence of primary motivational incentives on sequential cognitive control adjustments. Poster presented at the Annual Meeting of the Psychonomic Society (St. Louis, MO) and Conference on Determinants of Executive Function & Dysfunction (Boulder, CO).
15. **Chiew, K.S.**, Braver, T.S. (2010). Selective attention and conflict processing under primary incentives: evidence from the flanker task. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society (Montreal, QC).
16. **Chiew, K.S.**, Edwards, B.G., Braver, T.S. (2009). Neural circuitry underlying emotional vs. cognitive conflict and control: facial expressions as a model behavior. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society (San Francisco, CA).
17. **Chiew, K.S.**, Heaven, T.J., Braver, T.S. (2008). Facial EMG reveals top-down and bottom-up emotional interference in an adapted context processing task. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society (San Francisco, CA).
18. **Chiew, K.S.**, Hongwanishkul, D., Happaney, K.R., Hayward, D., Zelazo, P.D. (2006). The U-shaped effect of working memory demand on affective decision-making as measured by the Iowa Gambling Task. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society (San Francisco, CA).

Media & Public Engagement

- February 2023 Invited guest, Stanford Psychology Podcast
<https://stanfordpsypod.buzzsprout.com/>
- November 2020 Public talk, University of Denver *Psychological Science & the Public Good* event (“Psychological Science and COVID-19”)
- September 2020 Discussant, University of Denver Center on American Politics panel, *COVID-19, Conspiracies, and the 2020 Election*
- March 2020 Interviewed for *5280 Magazine* (monthly magazine focused on Denver, Colorado) article, “The Millennial Guide to Maintaining Your Health” <https://www.5280.com/2020/03/the-millennial-guide-to-maintaining-your-health/>
- July 2018 Public talk, Denver Museum of Nature and Science: *Piecing it Together: How Puzzles, Problem Solving, and Curiosity Change the Brain* (to accompany *Mindbender Mansion* museum exhibit)

Predocutorial Research Experience

- 2005-2007 Research Assistant, Rotman Research Institute (PI: Cheryl L. Grady)
Behavioral and fMRI studies of cognitive aging
- 2004-2005 Research Assistant, Princess Margaret Hospital (PI: Natasha B. Leighl)
Quality-of-life issues and medical decision making in advanced cancer
- 2004-2005 Honors Thesis Student, University of Toronto (PI: Adam K. Anderson)
Neural correlates of mixed feelings
- 2003-2005 Independent Project Student, University of Toronto (PI: Philip D. Zelazo)
Effects of dual-tasking on gambling task performance
- 2003 Research Assistant, Lakehead University (PI: Josephine Tan)
Access to and usage of mental health resources in the Canadian Arctic

Professional Activities & Service

Grant Review:

- 2022 National Science Foundation
2022 Templeton World Charity Foundation
2021 Ad-hoc member, NIH Human Complex Mental Function Study Section
2021 Israel Science Foundation

2021	National Science Foundation
2020	Ad-hoc member, NIH Cognition & Perception Study Section
2019	Wellcome Trust UK
2017	Scientific Research Network on Decision Neuroscience and Aging
2015	National Science Centre of Poland
2014	Research Foundation Flanders (Belgian Foundation for Scientific Research)

Ad hoc Journal Review:

Acta Psychologica | *Applied Cognitive Psychology* | *Attention, Perception, & Psychophysics* | *Biological Psychiatry* | *Biological Psychology* | *BMC Neuroscience* | *Brain Research* | *Cerebral Cortex* | *Child Development* | *Collabra: Psychology* | *Cognition* | *Cognition & Emotion* | *Cognitive, Affective and Behavioral Neuroscience* | *Cognitive Neurodynamics* | *Collabra: Psychology* | *Current Opinion in Behavioral Sciences* | *Emotion* | *Frontiers in Human Neuroscience* | *Frontiers in Psychology* | *International Journal of Psychophysiology* | *Journal of Cognitive Neuroscience* | *Journal of Cognitive Psychology* | *Journal of Experimental Psychology: General* | *Journal of Experimental Psychology: Human Perception and Performance* | *Journal of Experimental Psychology: Learning, Memory, & Cognition* | *Journal of Gerontology: Psychological Sciences* | *Journal of Neuroscience* | *Memory & Cognition* | *Motivation & Emotion* | *Motivation Science* | *Neurobiology of Aging* | *NeuroImage* | *Neuropsychologia* | *PLoS ONE* | *Proceedings of the National Academy of Sciences* | *Psychological Research* | *Psychonomic Bulletin & Review* | *Psychophysiology* | *Quarterly Journal of Experimental Psychology* | *Scientific Reports* | *WIREs: Cognitive Science*

Additional Service to the Field

2022	Organizing Committee, Women in Cognitive Control
2022	Participating Faculty, “Encouraging Future Scientists: Undergraduates at Psychonomics” Workshop
2022-2024	Nominations Committee, Psychonomic Society
2021, 2022	Program Committee, Social and Affective Neuroscience Society
2021	Conference Program Reviewer, Cognitive Science Society
2021	Mentor, Society for Affective Science Speed Networking Event
2019	Mentor, SPARK Society (supporting cognitive scientists of color)

Professional Memberships:

Association for Psychological Science | Cognitive Neuroscience Society | Cognitive Science Society | Memory Disorders Research Society | Psychonomic Society | Society for Affective Science | Society for Neuroscience | SPARK Society

Selected Additional Professional Training

2022	Introduction to Hierarchical Drift-Diffusion Modeling, Workshop on Mental Effort, Brown University
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- 2021 Introduction to Bayesian Statistics Workshop, United States Conference on Teaching Statistics
- 2020 Certificate in Inclusive Teaching, University of Denver
Online Teaching Short Course, University of Denver
- 2019 Making Excellence Inclusive Workshop, University of Colorado-Boulder
- 2013 Multi-Level Modeling, Workshop at the Annual Meeting of the Association of Psychological Science
- 2008 Science Communication for Neuroscientists, Washington University-St. Louis Science Center Workshop Series (supported by the *Cognitive, Computational, & Systems Neuroscience Pathway*)

University and Community Service:

University of Denver, Department of Psychology

- 2022-2023 Area Head, Developmental Cognitive Neuroscience Program
Member, Inclusive Teaching Working Group
Planning Lead, Developmental Cognitive Neuroscience Research Night
Reviewer, Application Statement Feedback Program
- 2021-2022 Facilitator, Gender Issues in Science Discussion Group
Member, Inclusive Excellence Department Structure Working Group
Organizer, Affect-Social-Cognitive Area Brown Bag
Planning Committee, Developmental Cognitive Neuroscience Research Night
Reviewer, Application Statement Feedback Program
- 2020-2021 Facilitator, Gender Issues in Science Discussion Group
Faculty Search Committee (Affect-Social-Cognitive Area)
Member, External Funding for Inclusive Excellence Initiatives Working Group
Member, Personnel Committee
Planning Committee, Developmental Cognitive Neuroscience Research Night
Reviewer, Application Statement Feedback Program
- 2019-2020 Facilitator, Gender Issues in Science Discussion Group
Inclusive Excellence Coordinator
Member, Graduate Student Inquiry Working Group
Member, Department Compositional Diversity Working Group

Planning Committee, Developmental Cognitive Neuroscience
Research Night

2018-2019 Facilitator, Gender Issues in Science Discussion Group
Inclusive Excellence Coordinator
Planning Committee, Developmental Cognitive Neuroscience
Research Night

2017-2018 Faculty Search Committee (Affect-Social-Cognitive Area)
Founder, Gender Issues in Science Discussion Group
Member, Grant Writing Resources Working Group

Duke University

2016-2017 Chair, Peer Mentor Program, Duke University Postdocs
Association

2014-2017 Duke University Brain Awareness Week

2015 Judge, North Carolina Science and Engineering Fair

Washington University in St. Louis

2008-2013 Neuroscience public outreach with St. Louis Science Centre, school
and community groups

2010-2012 Student Representative, Cognitive, Computational and Systems
Neuroscience Steering Committee

2008-2009 Graduate Student Brown Bag Coordinator, Psychology Graduate
Students' Association