

Kimberly S. Chiew

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Employment

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| 2023-present | Associate Professor (with tenure) |
| 2017-2023 | Assistant Professor Department of Psychology University of Denver |

Education & Training

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| 2013-2017 | Postdoctoral Fellow, Duke University Center for Cognitive Neuroscience Advisor: R. Alison Adcock |
| 2013 | Ph.D., Psychology, Washington University in St. Louis Specialization: Brain, Behavior & Cognition Cognitive, Computational, & Systems Neuroscience Pathway Dissertation Title: <i>Emotion versus Motivation: Probing Dissociable Influences on Cognitive Control Through Task Performance, Pupillometry Methods, and Individual Differences</i> Advisor: Todd S. Braver |
| 2005 | B.Sc.(Hons), Neuroscience, University of Toronto Graduated with Distinction Psychology Minor |

Awards & Honors

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| 2024 | Early Career Award, Psychonomic Society |
| 2024 | Honorable Mention, University of Denver Honors Program Mentoring Excellence Award |
| 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)

Funding

2021-2023 Brain & Behavior Research Foundation – 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 National Institutes of Health – NIMH 1R15MH117690-01
 (NCE to 2022) 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

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| 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) |

Publications

(Google Scholar h-index: 17; citations > 2500)

* trainee at the University of Denver

Peer-Reviewed Journal Articles

1. Asmar, A.J.*, **Chiew, K.S.** (submitted). Effects of motivated emotion regulation on downstream memory for and affective responses to re-encountered stimuli.
2. Herrera, L.A.*, Ferron, S.E.I.*, Asmar, A.J.*, **Chiew, K.S.** (submitted). Experimental manipulation of motivation modulates spontaneous strategy choice, negative affect, and effort outcomes in emotion regulation.
3. Pham, K.C.*, **Chiew, K.S.** (2023). Air pollution impacts on cognition and neurodevelopment: adverse effects and health disparities. *Developmental Psychobiology*. 65: e22440. <https://doi.org/10.1002/dev.22440>
4. **Chiew, K.S.** (2023). Cognitive effort in depression: autonomic correlates and clues to potential rescue. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. 8: 683-684. <https://doi.org/10.1016/j.bpsc.2023.05.003>
5. Gower, T., **Chiew, K.S.**, Rosenfield, D., Bowen, H.J. (2023). Positive biases and psychological functioning during the COVID-19 pandemic. *Cognition & Emotion*. 37: 1123-1131. <https://doi.org/10.1080/02699931.2023.2221022>
6. Gholston, A.S.*, Thurmann, K.E.*, **Chiew, K.S.** (2023). Contributions of sustained and transient reward to memory formation. *Psychological Research*. 87: 2477-2498. <https://doi.org/10.1007/s00426-023-01829-5>
7. **Chiew, K.S.**, Harris, B.B.*, Adcock, R.A. (2022). 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*. 151: 390-409. <https://doi.org/10.1037/xge0001080>
8. **Chiew, K.S.** (2021). Revisiting positive affect and reward effects on cognitive control. *Current Opinion in Behavioral Sciences*, 39: 27-33.
9. Martins-Klein, B., Alves, L.A.*, **Chiew, K.S.** (2020). Proactive versus reactive emotion regulation: a dual-mechanisms perspective. *Emotion*, 20: 87-92.

10. 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
11. 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
12. **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.
13. **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.
14. **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.
15. 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.
16. **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.
17. 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.
18. **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.
19. **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
20. **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.

21. **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.
22. 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.
23. **Chiew, K.S.**, Braver, T.S. (2010). Exploring emotional and cognitive conflict using speeded voluntary facial expressions. *Emotion*, 10: 842-854.
24. 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.
25. 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.
26. **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.
27. 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.
28. 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

29. **Chiew, K.S.**[^], Bowen, H.J.[^] (2022). Neurobiological mechanisms of selectivity in motivated memory. In A. Elliott (ed.) *Advances in Motivation Science*. [^]equal contributions
30. **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*.
31. **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.
32. **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.
33. 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, 2024)

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, Ph.D. (primary advisor; 2018-2023)
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, Ph.D. (committee member; 2021-2023)
Chris Capistrano, Ph.D. (committee member; 2018-2023)
Jenna Chin (committee member; 2022-present)

Görkem Er (committee member; 2024-present)
Delaney McDonagh (committee member; 2024-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 Eitniew, Sloan Ferron, Avery Gholston, Bailey Harris, Elle Haines, 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:

Alyssa Asmar: Outstanding Teaching Assistant Award

Rachel Brough: APAGS/Psi Chi Junior Scientist Fellowship

Madison Eitniew: 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

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

Madeline Leake: DU Partners in Scholarship (PINS) Award

Megan Lucyshyn: DU Partners in Scholarship (PINS) Award

Chad Kashiwa: DU Partners in Scholarship (PINS) Award

Audrey Ng: Trowill Award (granted to 2 graduating DU seniors for meritorious work in psychology), DU Partners in Scholarship (PINS) Award

J. Von Monteza: National Science Foundation Graduate Research Fellowship (Honorable Mention), SRNDNA Computational Modeling Workshop Travel Award

Chase Spurbeck: 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

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| 2024 | Brain & Behavior Research Foundation “Meet the Scientist” Webinar |
| 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.** (2024). Motivated cognition as a mechanistic basis for emotion regulation. Invited talk at the Emotion Pre-Conference of the Annual Meeting of the Society for Personality and Social Psychology (San Diego, CA).
2. **Chiew, K.S.** (2023). Expectation shapes affective response to and memory for real-life election events. Symposium talk at the Annual Meeting of the Psychonomic Society (San Francisco, CA).
3. **Chiew, K.S.** (2018). Locomotive and exploratory contributions to motivated memory encoding in a complex real-life environment. Symposium talk at the Annual Meeting of the American Psychological Association (San Francisco, CA).

4. **Chiew, K.S.** (2018). Motivated memory: what can we learn from cognitive neuroscience? Workshop talk at the Annual Meeting of the American Educational Research Association (New York, NY).
5. **Chiew, K.S.** (2017). Motivated autobiographical memory: effects of valence and surprise on memory for the 2016 U.S. presidential election. Presented talk, Annual Meeting of the Psychonomic Society (Vancouver, BC).
6. **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).
7. **Chiew, K.S.** (2016). Approach and avoidance motivation effects on human spatial exploration and learning in a real-life environment. Presented talk, Annual Meeting of the North Carolina Cognition Group (Winston-Salem, NC).
8. **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).
9. **Chiew, K.S.** (2013). Emotional and motivational influences on cognitive control. Symposium talk, Annual Meeting of the Association for Psychological Science (Washington, DC).
10. **Chiew, K.S.** (2010). Shifts in cognitive control dynamics during conflict processing under primary motivational incentives. Presented talk, Show-Me Mental State Conference (St. Louis, MO).

Selected Conference Posters

1. Lucyshyn, M.E.*[^], Ng, A.D.*[^], Brough, R.E.* , **Chiew, K.S.** (2024). Developmental and ADHD symptom-related changes in motivated cognitive control. Poster presented at the Annual Meeting of the Rocky Mountain Psychological Association (Denver, CO). [^] *equal contributions*
2. Brough, R.E.* , Spurback, C.* , **Chiew, K.S.** (2023). Primary punishments facilitate a proactive mode of cognitive control. Poster presented at the Annual Meeting of the Psychonomic Society (San Francisco, CA).
3. Asmar, A.J.* , Herrera, L.A.* , **Chiew, K.S.** (2023). Motivated emotion regulation modulates downstream memory for and affective responses to previously-encountered stimuli. Poster presented at the Annual Meeting of the Psychonomic Society (San Francisco, CA).
4. Sokol-Hessner, P., Brooks, H.R.* , **Chiew, K.S.** (2023). Resilience and changes in affect, cognitive control, and risky decision-making during early stages of the COVID-19 pandemic. Poster presented at the Annual Meeting of the Society for Affective Science (Long Beach, CA).

5. Herrera, L.A.*, Leake, M.*, **Chiew, K.S.** (2023). Emotional motivations for engaging in risky behaviors: a qualitative study. Poster presented at the Annual Meeting of the Society for Affective Science (Long Beach, CA).
6. 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*
7. Thurmman, K.E.*, Moon, D.H., Gray, H., Ng, A.*, Lucyshyn, M.E.*, 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).
8. 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).
9. 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).
10. 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).
11. 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).
12. 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).
13. 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).
14. 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).
15. **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).

16. **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).
17. **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).
18. **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).
19. **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).
20. **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).

Media & Public Engagement

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| February 2023 | Invited guest, Stanford Psychology Podcast https://stanfordpsypod.buzzsprout.com/ |
| November 2020 | Public talk, University of Denver <i>Psychological Science & the Public Good</i> event (“Psychological Science and COVID-19”) |
| September 2020 | Discussant, University of Denver Center on American Politics panel, <i>COVID-19, Conspiracies, and the 2020 Election</i> |
| March 2020 | Interviewed for <i>5280 Magazine</i> (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: <i>Piecing it Together: How Puzzles, Problem Solving, and Curiosity Change the Brain</i> (to accompany <i>Mindbender Mansion</i> museum exhibit) |

Predocutorial Research Experience

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| 2005-2007 | Research Assistant, Rotman Research Institute (PI: Cheryl L. Grady) <i>Behavioral and fMRI studies of cognitive aging</i> |
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- 2004-2005 Research Assistant, Princess Margaret Hospital (PI: Natasha B. Leigh)
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:

- 2024 National Science Foundation (panel)
2022 National Science Foundation (ad-hoc)
2022 Templeton World Charity Foundation
2021 Ad-hoc member, NIH Human Complex Mental Function Study Section
2021 Israel Science Foundation
2021 National Science Foundation (ad-hoc)
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 | Behavioral Brain Research | 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

- 2023 Teaching for Inclusion and Equity Intermediate Digital Badge, University of Denver
- 2022 Introduction to Hierarchical Drift-Diffusion Modeling, Workshop on Mental Effort, Brown University
- 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

- 2023-2024 *On sabbatical*
- 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