Kimberly S. Chiew

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Employment

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

Education & Training

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 Advisor: Todd S. Braver
2005	B.Sc.(Hons), Neuroscience, University of Toronto Graduated with Distinction Psychology Minor

Awards & Honors

2025	Dean and Provost's Recognition for Impactful Teaching, University of Denver
2024	Early Career Award, Psychonomic Society
2024	Nominee, 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

Pending Review	National Institutes of Health – NIMH R01 Role: Principal Investigator Project Title: *Motivation and Cognitive Control in Emotion Regulation* Submitted: October 2026
2021-2024	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*
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*
2020-2021	Diversity Supplement to NIMH 1R15MH117690-01 Role: Primary Mentor To support training of post-baccalaureate Sloan Ferron (PI)
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*
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*
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*
2014-2017	Postdoctoral Fellowship, Canadian Institutes of Health Research
2009-2012	Canada Graduate Scholarship, Doctorate Level, Natural Sciences and Engineering Research Council of Canada

2008-2009 Canada Graduate Scholarship, Master's Level, Natural Sciences and Engineering Research Council of Canada

Publications

(Google Scholar h-index: 20; citations > 3000)
** trainee at the University of Denver; ^ equal contributions*

Peer-Reviewed Journal Articles

1. Brough, R.E.*, **Chiew, K.S.**, Cole, M.W., Braver, T.S. (submitted). Deconstructing proactive control and reward incentive effects on rapid instructed task learning.

2. Bowen, H.J., Cline, S., Madan, C.R., **Chiew, K.S.** (in press). Lifespan differences in COVID-19 responses across political and national contexts. *Psychology and Aging.*

3. Bowen, H.J.^, Thurmann, K.E.*^, Moon, D.H., Ng, A.D.*, Lucyshyn, M.E.*, **Chiew, K.S.** (2026). Effects of reward anticipation on memory encoding and cognitive control outcomes: A meta-analysis. *Neuroscience and Biobehavioral Reviews.* https://doi.org/10.1016/j.neubiorev.2026.106793

4. Brough, R.E.*, Spurbeck, C.A.*, **Chiew, K.S.** (2026). Diverging effects of punishment motivation and negative affect on cognitive control. *Cognitive, Affective, and Behavioral Neuroscience.* https://doi.org/10.3758/s13415-026-01421-5

5. Asmar, A.J.*, **Chiew, K.S.** (2025). Effects of motivated emotion regulation on downstream memory for and affective responses to re-encountered stimuli. *Cognitive, Affective, & Behavioral Neuroscience.* https://doi.org/10.3758/s13415-024-01248-y

6. 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

7. **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

8. 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

9. 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

10. **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

11. **Chiew, K.S.** (2021). Revisiting positive affect and reward effects on cognitive control. *Current Opinion in Behavioral Sciences,* 39: 27-33.

12. Martins-Klein, B., Alves, L.A.*, **Chiew, K.S.** (2020). Proactive versus reactive emotion regulation: a dual-mechanisms perspective. *Emotion,* 20: 87-92.

13. 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

14. 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

15. **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.

16. **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.

17. **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.

18. 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.

19. **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.

20. 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.

21. **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.

22. **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

23. **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.

24. **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.

25. 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.

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

27. 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.

28. 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.

29. **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.

30. 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.

31. 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

32. Brough, R.E.*^, Asmar, A.J.*^, **Chiew, K.S.** (2025). Emotion and cognitive control: an essential partnership for adaptive behavior. *Psychiatric Times,* 42: 10-12.

33. **Chiew, K.S.^**, Bowen, H.J.^ (2022). Neurobiological mechanisms of selectivity in motivated memory. In A. Elliott (ed.) *Advances in Motivation Science.*

34. **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.*

35. **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.

36. **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.

37. 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)

2017-2018	Proseminar in Cognitive Neuroscience (grad) Introduction to Cognitive Neuroscience (undergrad)
2018-2019	Introduction to Cognitive Neuroscience (undergrad) x 2 Affective Neuroscience (undergrad/grad)
2019-2020	Introduction to Cognitive Neuroscience (undergrad) Proseminar in Cognitive Neuroscience (grad)
2020-2021	Introduction to Cognitive Neuroscience (undergrad) x 2 Affective Neuroscience (undergrad/grad)
2021-2022	Proseminar in Cognitive Neuroscience (grad) Introduction to Cognitive Neuroscience (undergrad) Executive Function (undergrad/grad)
2022-2023	Executive Function (undergrad/grad) Introduction to Cognitive Neuroscience (undergrad) Cognitive Neuroscience Seminar (undergrad capstone) Affective Neuroscience (undergrad/grad)
2023-2024	*On sabbatical for two quarters* Proseminar in Cognitive Neuroscience (grad)
2024-2025	Executive Function (undergrad/grad) Introduction to Cognitive Neuroscience (undergrad) Cognitive Neuroscience Seminar (undergrad capstone) Affective Neuroscience (undergrad/grad)
2025-2026	Introduction to Cognitive Neuroscience (undergrad) x 3 Proseminar in Cognitive Neuroscience (grad)
2026-2027	Introduction to Cognitive Neuroscience (undergrad) Affective Neuroscience (undergrad/grad)

Guest Lecturer

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

Toronto Metropolitan University – Senior Seminar in Cognition
Duke University – Introduction to Cognitive Neuroscience
North Carolina State University – Research Topics in Behavioral Neuroscience

Washington University in St. Louis – Cognitive Psychology
Washington University in St. Louis – Introduction to Psychology

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)
Evrim Baykal (primary advisor; 2025-present)
Rachel Brough (primary advisor; 2022-present)
Jay Von Monteza (secondary advisor, 2022-present)

Damon Abraham, Ph.D. (Ph.D. committee member; 2019-2021)
Nina Anderson, Ph.D. (Ph.D. committee member; 2022-2024)
Hayley Brooks, Ph.D. (Ph.D. committee member; 2021-2023)
Chris Capistrano, Ph.D. (Ph.D. committee member; 2018-2023)
Jenna Chin (Master's committee member; 2022-2023)
Görkem Er, Ph.D. (Ph.D. committee member; 2024-2025)
Delaney McDonagh, Ph.D. (Ph.D. committee member; 2024-2025)
Elric Elias, Ph.D. (Ph.D. committee member; 2018-2019)
Rebecca Handsman (Master's committee member; 2023-present)
Lili Hauser (Master's committee member; 2026-present)
Eliza Kramer, Ph.D. (Ph.D. committee member; 2023-2024)
Valeriia Vlasenko (Ph.D. committee member; 2024-present)
Amy Whitmarsh (Master's committee member; 2025-present)
Naomi Wright, Ph.D. (committee member; 2019-2022)

External Examiner

Jasmine Raw (Ph.D. viva examiner, University of Reading, UK; 2022)
Nada Alaifan (Ph.D. external examiner, University of British Columbia, Canada; 2025)

Undergraduate & Post-Baccalaureate Student Research Mentoring

University of Denver

Alyssa Asmar, Alex Boisvert, Cora Linn Burke, Brynn Dominice, Mak Dempsey, Jackson Eddy, Madison Eitniear, Betanya Esayas, Sloan Ferron, Avery Gholston, Amara Guss, Bailey Harris, Elle Haines, Chad Kashiwa, Madeline Leake, Liam Leathem, Shahked Levin, Megan Lucyshyn, Megan McCaughey, Amanda McKellips, Romel Minassie, Audrey Ng, Meghan Olt, Haley Paez, Jesse Parslow, Natalie Platt, Naomi Sellers, Natalie Shaffer, Chase Spurbeck, Kevin Summers, Emma Taoka, Dhruvi Thakkar, Addison Thomas, Kyle Thurmann, Cory Vandenberg, Sasha Wintner

Selected awards won by mentored trainees at the University of Denver:
Alyssa Asmar: Outstanding Teaching Assistant Award, Outstanding Service Award, Psychonomic Society Science Communication Internship, Gollob Award for DU Psychology Best Graduate Student Publication, Psychonomic Society Travel Award
Evrim Baykal: SRNDNA Experience Sampling Workshop Travel Award, Psychonomic Society Travel Award
Rachel Brough: Dean's Dissertation Fellowship, Outstanding Teaching Assistant Award, Outstanding Service Award, APAGS/Psi Chi Junior Scientist Fellowship, Psychonomic Society Travel Award Finalist
Madison Eitniear: 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, Outstanding Service Award, Psychonomic Society Yates 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

Selected outcomes of mentored trainees at the University of Denver:
Madison Eitniear: Registered Behavioral Therapist, Emerge Professionals in Autism, Behavior, & Personal Growth
Sloan Ferron: PhD student in Counseling Psychology, Pennsylvania State University
Avery Gholston: Professional Science Master's Program in Biomedical Sciences, University of Denver
Bailey Harris: PhD student in Cognitive Psychology, University of California-Los Angeles
Lyneé Herrera: Marketing Research Analyst, VF Corporation (The North Face)
Chad Kashiwa: Master's student, Program in Music, Mind, & Brain, King's College London
Maddie Leake: MD student, University of Massachusetts Chan Medical School
Shahked Levin: Professional Research Assistant, University of Colorado-Denver
Megan Lucyshyn: Masters of Science in Physician Assistant Studies, Rosalind Franklin University
Romel Minassie: Systems Engineer at Oracle
Meghan Olt: PhD student in Counseling Psychology, University of Georgia
Naomi Sellers: PhD student in Psychology (Language & Cognition), University of Connecticut
Chase Spurbeck: Professional Research Assistant, Department of Psychology and Neuroscience, University of Colorado-Boulder
Kevin Summers: PhD student in Social Psychology, University of Denver
Kyle Thurmann: MD student, Creighton University School of Medicine
Cory Vandenberg: Master's Program in International Security Studies, University of Denver
Sasha Wintner: Masters of Science in Kinesiology (Sports & Exercise Psychology), University of North Carolina-Greensboro

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

2027	Cognitive Science Colloquium, University of Arizona
2026	Cognitive and Neurobiological Approaches to Plasticity Center, Kansas State University
2026	Cognition and Cognitive Neuroscience Brown Bag, Texas A&M University
2025	Spielberger EMPathy (Emotion, Motivation, Personality) Symposium, American Psychological Association (declined, unavailable)
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: *Motivated Cognition: Environmental, Neural, and Computational Bases*)
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.** (2026). Bidirectional interactions between motivation and affect in adaptive cognition. Invited talk at the Society for the Science of Motivation – Motivated Cognition Meeting (San Diego, CA).

2. **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).

3. **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).

4. **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).

5. **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).

6. **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).

7. **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).

8. **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).

9. **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).

10. **Chiew, K.S.** (2013). Emotional and motivational influences on cognitive control. Symposium talk, Annual Meeting of the Association for Psychological Science (Washington, DC).

11. **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. Asmar, A.J.*, **Chiew, K.S.** (2026). Physiological Correlates of Motivated Emotion Regulation and its Effects on Downstream Memory. Poster to be presented at the Annual Meeting of the Psychonomic Society (San Diego, CA). **Graduate Travel Awardee*

2. Baykal, E.*, **Chiew, K.S.** (2026). Adaptive recovery under reward: Motivational context shapes multimodal predictors of post-error adjustment. Poster to be presented at the Annual Meeting of the Psychonomic Society (San Diego, CA). **Graduate Travel Awardee*

3. Brough, R.E.*, **Chiew, K.S.** (2026). Using hierarchical drift-diffusion modeling to elucidate person- and context-level influences on cognitive control. Poster to be presented at the Annual Meeting of the Psychonomic Society (San Diego, CA).

4. Monteza, J.V., Mundell, J., Perlman, J., **Chiew, K.S.**, Sokol-Hessner, P. (2026). Temporal contexts of cognitive effort in risky decision-making: Disengagement versus adaptation after difficult choices. Poster to be presented at the Annual Meeting of the Psychonomic Society (San Diego, CA). **Yates Travel Awardee*

5. **Chiew, K.S.**, Brough, R.E.*, Ferron, S.E.I.*, Asmar, A.J.*, Lattanzio, L., Buard, I. (2026). Comparing effects of reward and punishment motivational contexts on cognitive control and downstream memory. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society (Vancouver, BC).

6. Brough, R.E.*, Haines, E.M.*, Ng, A.D.*, Lucyshyn, M.E.*, Esayas, B.*, McGrath, L.M., **Chiew, K.S.** (2025). Motivated cognitive control in children varying in ADHD symptomology. Poster presented at the Annual Meeting of the Psychonomic Society (Denver, CO).

7. Monteza, J.V.*, **Chiew, K.S.**, Sokol-Hessner, P. (2025). Temporal contexts of effort and arousal: decision speed and pupillometry illuminate the experience of choice difficulty during a novel risky monetary decision-making paradigm. Poster presented at the Annual Meeting of the Social and Affective Neuroscience Society (Chicago, IL).

8. Lucyshyn, M.E.*, Ng, A.D.*, Brough, R.E.*, Haines, E.M.*, McGrath, L.M., **Chiew, K.S.** (2024). High-resolution pupillometry indexes the timecourse of cognitive effort in motivated cognitive control in children varying in ADHD symptomology. Poster presented at the Annual Meeting of the Psychonomic Society (New York, NY).

9. Ng, A.D.*, Lucyshyn, M.E.*, Brough, R.E., McGrath, L.M., **Chiew, K.S.** (2024). Age, sex, and symptomology differences in motivated cognitive control in children with and without ADHD. Poster presented at the Annual Meeting of the Psychonomic Society (New York, NY).

10. Brough, R.E.*, Spurbeck, C.*, **Chiew, K.S.** (2024). Increased proactive control in the face of unpredictable threat. Poster presented at the Annual Meeting of the Psychonomic Society (New York, NY).

11. 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).

12. 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).

13. 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).

14. 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).

15. 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*

16. Thurmann, 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).

17. 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).

18. 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).

19. 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).

20. 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).

21. 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).

22. 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).

23. 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).

24. **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).

25. **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).

26. **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).

27. 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) .

28. **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).

29. **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

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)

Professional Activities & Service

Grant Review:

2026	Ad-hoc member, NIH Human Complex Mental Function Study Section
2024	Ad-hoc member, NIH Human Complex Mental Function Study Section
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 | *Affective Science* | *Applied Cognitive Psychology* | *Attention, Perception, & Psychophysics* | *Behavioral Brain Research* | *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging* | *Biological Psychology* | *BMC Neuroscience* | *Brain Research* | *Canadian Journal of Experimental Psychology* | *Cerebral Cortex* | *Child Development* | *Collabra: Psychology* | *Cognition* I *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* I *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* | *Psychology and Aging* | *Psychonomic Bulletin & Review* | *Psychophysiology* | *Quarterly Journal of Experimental Psychology* I *Scientific Reports* | *Trends in Cognitive Sciences* | *WIRES: Cognitive Science*

Additional Service to the Field

2025	Lead Organizer, Women+ in Cognitive Control in-person scientific meeting, *The Future of Cognitive Control*, University of Denver (Denver, CO)
2025	Co-Organizer, SPARK Society “Undergraduates at Psychonomics” event
2022-	Organizing Committee, Women+ in Cognitive Control
2022	Participating Faculty, “Encouraging Future Scientists: Undergraduates at Psychonomics” Workshop
2022-	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

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

2026	Institute for Teaching Excellence and Student Success, University of Denver (*competitive nomination*)
2025	Neurodiversity Institute, Office of Teaching and Learning, University of Denver
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

2026-2027	Member, Institutional Review Board (institutional-level) Co-Organizer, DU Research Symposium in Psychological Science Faculty Co-Lead, Inclusive Excellence Committee
2025-2026	Member, Institutional Review Board (institutional-level) Member, Student Signature Work Committee (institutional-level) Member, Grievance Procedures Working Group Faculty Lead, Inclusive Excellence Committee (interim, Winter/Spring)
2024-2025	Area Head, Developmental Cognitive Neuroscience Program

Member, Diversity, Equity, & Inclusion Committee
Member, Personnel Committee
Reviewer, Application Statement Feedback Program

2023-2024 *On sabbatical*

2022-2023 Area Head, Developmental Cognitive Neuroscience Program
Member, Inclusive Teaching Working Group
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

Predoctoral 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*