

ryan w. carlson

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employment & education

2023-present	University of Chicago Booth School of Business, <i>Chicago, IL, USA</i> Principal Researcher Advisor: Ayelet Fishbach
2017-2023	Yale University, <i>New Haven, CT, USA</i> Ph.D. in Psychology M.S. (2019) & M.Phil. (2020) Advisor: Molly Crockett
2015-2017	Stanford University, <i>Stanford, CA, USA</i> Full-time Research Coordinator Advisor: Jamil Zaki
2010-2014	Simon Fraser University, <i>Burnaby, BC, Canada</i> B.A. (Hons.) in Psychology Advisors: Lara Aknin & Mario Liotti

awards

2023	Jane Olejarczyk Department Service Award, <i>Yale University</i>
2022	Frederick W. Hilles Memorial Scholarship, <i>Yale University</i>
2022	Conference Travel Fellowship, <i>Yale University</i>
2021	Richter Summer Fellowship, <i>Yale University</i>
2021	Teaching Innovation Project Grant, <i>Yale University</i>
2019	Fellow, <i>Kavli Summer Institute in Cognitive Neuroscience</i>
2017	Graduate Fellowship, <i>Yale University</i>
2016	Innovation Grant, <i>Stanford Center for Cognitive and Neurobiological Imaging</i>
2015	Travel Grant, <i>National Science Foundation</i>
2014	VPR Sciences Undergraduate Research Award, <i>Simon Fraser University</i>
2013	Undergraduate Open Scholarship, <i>Simon Fraser University</i>
2013	One World Scholarship, <i>Irving K Barber BC Scholarship Society</i>
2013	International Mobility Award, <i>Simon Fraser University</i>

publications

***Carlson, R. W.**, *Bigman, Y. E., Gray, K., Ferguson, M. J., & Crockett, M. J. (in press). How inferred motives shape moral judgments. *Nature Reviews Psychology*.

- Weisz, E., Ong, D. C., **Carlson, R. W.**, Clark, M. D., & Zaki, J. (in press). A brief intervention to motivate empathy among middle school students. *Journal of Experimental Psychology: General*.
- Carlson, R. W.**, Adkins, C., Crockett, M. J., & Clark, M. S. (2022). Psychological selfishness. *Perspectives on Psychological Science*.
- Melnikoff, D. E., **Carlson, R. W.**, & Stillman, P. E. (2022). A computational theory of the subjective experience of flow. *Nature Communications*.
- Carlson, R. W.**, & Zaki, J. (2021). Belief in altruistic motives predicts prosocial actions and inferences. *Psychological Reports*.
- Weisz, E., Ong, D. C., **Carlson, R. W.**, & Zaki, J. (2021). Building empathy through motivation-based interventions. *Emotion*, 21(5), 990–999.
- Carlson, R. W.**, Marechal, M., Oud, B., Fehr, E., & Crockett, M. J. (2020). Motivated misremembering of selfish decisions. *Nature Communications*. 11(1), 1-11.
- Carlson, R. W.**, & Crockett, M. J. (2018). The lateral prefrontal cortex and moral goal pursuit. *Current Opinion in Psychology*, 24, 77-82
- Carlson, R. W.**, & Zaki, J. (2018). Good deeds gone bad: Lay theories of altruism and selfishness. *Journal of Experimental Social Psychology*, 75, 36-40.
- Morelli, S. A., Leong, Y. C., **Carlson, R. W.**, Kullar, M., & Zaki, J. (2018). Neural detection of socially valued community members. *PNAS*, 115(32), 8149-8154.
- Carlson, R. W.**, Aknin, L. B., & Liotti, M. (2016). When is giving an impulse? An ERP investigation of intuitive prosocial behavior. *Social Cognitive and Affective Neuroscience*, 11(7), 1121-1129.

book chapters

- Melnikoff, D. E., **Carlson, R. W.**, & Stillman, P. E. (in press). The structure of immersive activities: Insights from a computational model of flow. In A. Kruglanski, A. Fishbach, & K. Copetz (Eds.), *Goal Systems Theory: Psychological Processes and Applications*. New York: Oxford University Press.

working papers

- Davis, I., **Carlson, R. W.**, Dunham, Y., & Jara-Ettinger, J. (under review, *Cognition*). Detecting potential social partners from indirect prosociality: A computational account. [Working paper link](#)
- Carlson, R. W.**, Zoh, Y., Morris, A., & Crockett, M. J. (in prep). Quantifying precision and bias in motive introspection. [Working paper link](#)
- Carlson, R. W.**, & Crockett, M. J. (in prep). The pitfalls of play-to-play morality. [Working paper link](#)
- Morris, A., **Carlson, R. W.**, Kober, H., & Crockett, M. J. (in prep). Introspective access into choice processes.

oral presentations and invited talks

- Carlson, R. W.** (Apr, 2023). The history of race at Yale Psychology. Guest lecture, PSYC 110, Yale University.
- Carlson, R. W.** (Feb, 2023). The history of race at Yale Psychology and the specific case of James Rowland Angell. Talk at Clinical Current Works, Yale University.
- Carlson, R. W.** (Dec, 2022). Quantifying accuracy and bias in motive introspection. Talk presented at Knobe Lab Meeting at Yale University.
- Carlson, R. W.** (Nov, 2022). Pay-to-play morality. Talk presented at Sprouts, Yale School of Management.
- Carlson, R. W.** (Nov, 2022). A theory of motive introspection. Talk presented at Ferguson Lab Meeting at Yale University.
- Carlson, R. W.** (Nov, 2022). A theory of motive introspection. Talk presented at Morality Lab Meeting (PI: Liane Young) at Boston College.

- Carlson, R. W.** (Oct, 2022). Quantifying accuracy and bias in motive introspection. Talk presented at the Concepts & Cognition Lab Meeting (PI: Tania Lombrozo) at Princeton University.
- Carlson, R. W.** (Jul, 2022). The pitfalls of pay-to-play morality. Talk presented at Society for Philosophy and Psychology (SPP) annual meeting, Milan, Italy.
- Carlson, R. W.** (Apr, 2022). Motivated misremembering and the subjective side of morality. Talk presented at Cushman/Greene Lab Meeting at Harvard University.
- Carlson, R. W.** (Apr, 2021). The precision and partiality of motive introspection. Talk presented at Rutledge Lab Meeting at Yale University.
- Carlson, R. W.** (Feb, 2021). The role of self-inference in prosocial behavior. Talk presented virtually at the Society for Personality and Social Psychology (SPSP) annual meeting.
- Carlson, R. W.** (Feb, 2021). A theory of psychological selfishness. Talk presented at Clark-Bargh Lab Meeting at Yale University.
- Carlson, R. W.** (Dec, 2019). Self-inference. Talk presented at Turk-Browne Lab Meeting at Yale University.
- Carlson, R. W.** (Feb, 2019). Selfish decisions are more generous in hindsight. Talk presented at the Judgment and Decision-Making Preconference for the Society for Personality and Social Psychology (SPSP) annual meeting, Portland, OR.
- Carlson, R. W.** (Feb, 2019). Psychological selfishness. Talk presented at Knobe Lab Meeting at Yale University.
- Carlson, R. W.** (Nov, 2018). The psychology of selfishness. Talk presented at Jara-Ettinger Lab Meeting at Yale University.
- Carlson, R. W.** (Apr, 2018). Mechanisms of motivated memory. Talk presented at Jara-Ettinger Lab Meeting at Yale University.

poster presentations

- Carlson, R. W., & Crockett, M. J.** (Feb, 2023). The pitfalls of pay-to-play morality. Poster presented virtually at the Society for Personality and Social Psychology (SPSP) annual meeting.
- Adkins, C., **Carlson, R. W.**, Crockett, M. J., & Clark, M. S. (Feb, 2022). The selfishness of desires. Poster presented virtually at the Society for Personality and Social Psychology (SPSP) annual meeting.
- Davis, I., **Carlson, R. W.**, Dunham, Y., & Jara-Ettinger, J. (July, 2021). Reasoning about social preferences with uncertain beliefs. Talk presented virtually at the Cognitive Science Society Annual Meeting.
- Carlson, R. W.**, Yu, H., & Crockett, M. J. (Oct, 2020). Bridging self-report and choice modelling to investigate the accuracy of self-inferred preferences. Poster for the Society for Neuroeconomics Annual Meeting.
- Carlson, R. W.**, Yu, H., & Crockett, M. J. (July, 2020). Self-inferred desires to benefit self and other. Poster presented virtually at the Cognitive Science Society Annual Meeting.
- Morelli, S.A., Leong, Y.C., **Carlson, R. W.**, Kullar, M. & Zaki, J. (Mar, 2018) Neural detection of socially valued community members. Talk at the International Conference on Complex Networks, Cambridge, UK.
- Carlson, R. W.**, Oud, B., Marechal, M., Fehr, E., & Crockett, M. J. (Mar, 2018). Selfish decisions are more generous in hindsight. Poster presented at the Emotion Preconference for SPSP, Atlanta, GA.
- Leong, Y.C., Morelli, S.A., **Carlson, R. W.**, Kullar, M. & Zaki, J. (Mar, 2017) Neural prediction of social support hubs in emerging social networks. Poster presented at the Social Affective Neuroscience Society annual meeting (SANS), Los Angeles, CA.
- Carlson, R. W.**, & Zaki, J. (Jan, 2017). Believing in true altruism amplifies prosocial tendencies. Poster presented at the Emotion Preconference for SPSP, San Antonio, TX.
- Kullar, M., Morelli, S. A., **Carlson, R. W.**, & Zaki, J. (Jan, 2017). Neural representation of popularity and closeness in social networks differs depending on context. Poster presented at SPSP, San Antonio, TX.

- Carlson, R. W.**, Morelli, S. A., Kullar, M., & Zaki, J. (Apr, 2016). Social network dynamics shape neural sensitivity to vicarious reward. Poster presented at SANS, New York, NY.
- Kullar, M., Morelli, S. A., **Carlson, R. W.**, & Zaki, J. (Apr, 2016). Neural systems that track social perceptions of network members. Poster presented at SANS, New York, NY.
- Burnett A. J., **Carlson, R. W.**, & Liotti, M. (Jan, 2016). "Would partisans do well in the imitation game?": Moral turing tests promote ideological depolarization. Poster presented at the Judgment and Decision-Making Preconference for SPSP, San Diego, CA.
- Carlson, R. W.**, Burnett A. J., & Liotti, M. (Jan, 2016). Sacrificing time for others during an unpleasant experience supports well-being. Poster for the Emotion Preconference for SPSP, San Diego, CA.

teaching experience

- 2021-present **StatLab Consultant**, *Marx Science & Social Science Library, Yale University*
 Head Teaching Fellow, *Department of Psychology, Yale University*
 2022 PSYC 315: *The Modern Unconscious* (J. Bargh)
 2019 PSYC 376: *Learning and Memory* (T. Brown)
 Teaching Fellow, *Department of Psychology, Yale University*
 2020 PSYC 200: *Statistics for Psychological Science* (A. Bailey)
 2019 PSYC 303: *Social Neuroscience* (M. Crockett)
 2018 PSYC 141: *Abnormal Psychology* (A. Baskin-Sommers)
 Teaching Assistant, *Department of Psychology, Simon Fraser University*
 2015 PSYC 201: *Research Methods in Psychology* (G. Alder)
 2014 PSYC 201: *Research Methods in Psychology* (G. Rose)
 2014 PSYC 201: *Research Methods in Psychology* (G. Alder)

service

- 2022-present **Member**, *Yale Psychology's Committee for Racial Equity and Justice*
 2021-present **Sneak Peek Mentor**, *Yale Psychology Sneak Peek Program*
 2020-present **Peer Mentor**, *Yale Diversity Committee*
 2020 **Co-organizer, Speaker**, *Yale Psychology's Town Hall on Anti-Racism*
 2019-present **Graduate Affiliate, Mellon Forum Mentor**, *Trumbull College, Yale University*
 2018-2020 **Psychology Representative**, *Yale Graduate Student Assembly (GSA)*
 2018-2019 **Interview Weekend Coordinator (Social Area)**, *Yale Psychology*
 2016 **Programming Assistant**, *SPSP Emotion Preconference*
 2013-2015 **Founder, Editor-in-Chief**, *SFU Undergraduate Journal of Psychology*

mentorship

- Research Assistants**
 2017 Julia Hu (then: Yale College, now: User Research, Sonos Inc.)
 2019 Cameron Martel (then: Yale College, now: PhD student at MIT Sloan)
 2020 Paul McKee (then: Connecticut State University, now: PhD student at Duke)
 2020-2022 Caleb Kealoha (then: Yale lab manager, now: PhD student at Harvard Business School)
 2020-2022 Mina Caraccio (Yale College)
 Yale College Mellon Forum Mentees
 2019 Jasmyne Pierre (then: Yale College, now: Instructor, iCAMP))
 2020 Illayda Orhan (then: Yale College, now: PhD student at NYU)
 2023 Dylan Campbell (Yale College)
 Yale Psychology Sneak Peak Program Mentees
 2021 Micaela Rodriguez (then: Stony Brook University, now: PhD student at UNC Chapel Hill)

2022 Savannah Gregory (University of Notre Dame)

professional workshops

Instructor

2022 Yale StatLab Data Visualization Workshop
2022 Yale StatLab Data Wrangling Workshop
2021 Crockett Lab Summer R Refresher
2020 Crockett Lab Summer R Workshop

Participant

2019 Kavli Summer Institute in Cognitive Neuroscience
2018 Intel Hackathon for Computational Neuroscience
2017 Stanford Center for Reproducible Neuroscience Better Science Workshop
2016 Berkeley Institute for Data Science Nilearn Course
2016 Stanford Neurosciences Institute Advanced R Workshop
2015 Stanford Computational Social Science R Workshop
2015 Chicago Neuroimaging Workshop

ad-hoc reviewing

Biological Psychology, Cognition, European Journal of Social Psychology, Journal of Experimental Psychology: General, Journal of Experimental Social Psychology, Journal of Neurophysiology, Journal of Neuroscience, NeuroImage, Organizational Behavior and Human Decision Processes, Social Psychology