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## education

- 2020-present **Yale University**, New Haven, CT, USA  
Ph.D. in Psychology (expected May 2023)  
Advisor: Molly Crockett
- 2017-2020 **Yale University**, New Haven, CT, USA  
M.S. (2019) & M.Phil. (2020) in Psychology  
Advisor: Molly Crockett
- 2010-2014 **Simon Fraser University**, Burnaby, BC, Canada  
B.A. (Hons.) in Psychology  
Advisors: Lara Aknin & Mario Liotti

## post-bac training

- 2015-2017 **Stanford Social Neuroscience Lab** (Advisor: Jamil Zaki)  
Stanford University, Stanford, CA, USA  
Full-time Research Coordinator

## awards

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

## 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.

## preprints / working papers

- Carlson, R. W.**, Zoh, Y., Morris, A., & Crockett, M. J. (in prep). Quantifying precision and bias in motive introspection.
- Carlson, R. W.**, & Crockett, M. J. (in prep). The pitfalls of play-to-play morality.
- Davis, I., **Carlson, R. W.**, Dunham, Y., & Jara-Ettinger, J. (under review). Detecting potential social partners from indirect prosociality: A computational account.
- Morris, A., **Carlson, R. W.**, Kober, H., & Crockett, M. J. (in prep). Introspective access to choice processes.
- Adkins, C., **Carlson, R. W.**, Crockett, M. J., & Clark, M. S. (under review). The selfishness of desires.
- Kealoha, C., Chituc, V., **Carlson, R. W.**, & Crockett, M. J. (in prep). Altruism predominates in spontaneous inferences about public moral displays.

## oral presentations and invited talks

- 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, 2022). The pitfalls of pay-to-play morality. Poster to be 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 to be 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	<b>Co-organizer, Speaker, Yale Psychology's Town Hall on Anti-Racism</b>
2019-present	<b>Graduate Affiliate, Mellon Forum Mentor, Trumbull College, Yale University</b>
2018-2020	<b>Psychology Representative, Yale Graduate Student Assembly (GSA)</b>
2018-2019	<b>Interview Weekend Coordinator (Social Area), Yale Psychology</b>
2016	<b>Programming Assistant, SPSP Emotion Preconference</b>
2013-2015	<b>Founder, Editor-in-Chief, SFU Undergraduate Journal of Psychology</b>

## 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)
2020	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*

## references

Molly Crockett, Ph.D., Associate Professor, Princeton University  
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Jamil Zaki, Ph.D., Associate Professor, Stanford University  
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Margaret Clark, Ph.D., Professor, Yale University  
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