ryan w. carlson

Kirtland Hall, 2 Hillhouse Ave.
New Haven, CT, USA
ryan.carlson@yale.edu
carlsonrw.github.io

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education

2017-present	Yale University, New Haven, CT, USA PhD in Psychology MSc (2019), MPhil (2020) Advisor: Molly Crockett
2010-2014	Simon Fraser University, Burnaby, BC, Canada BA (Hons.) in Psychology Advisors: Lara Aknin & Mario Liotti

research experience

2015-2017	Stanford University, Stanford, CA, USA Full-time Research Assistant Advisor: Jamil Zaki

awards

2021	Yale University Richter Summer Fellowship
2021	Yale University Teaching Innovation Project Grant
2019	Fellow at Kavli Summer Institute in Cognitive Neuroscience
2017-2023	Yale University Graduate Fellowship
2016	Stanford Center for Cognitive and Neurobiological Imaging Innovation Grant
2015	National Science Foundation Travel Grant
2014	VPR Sciences Undergraduate Student Research Award
2013-2014	Simon Fraser University Undergraduate Open Scholarships
2013	Irving K. Barber One World Scholarship
2013	International Mobility Award

publications

Carlson, R. W., Adkins, C., Crockett, M. J., & Clark, M. S. (in press). Psychological selfishness. *Perspectives on Psychological Science.*

Carlson, R. W., & Zaki, J. (in press). Belief in altruistic motives predicts prosocial actions and inferences. *Psychological Reports.*

Weisz, E., Ong, D. C., **Carlson, R. W.**, & Zaki, J. (2020). Building empathy through motivation-based interventions. *Emotion.*

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.

manuscripts under review

Melnikoff, D. E., **Carlson, R. W.,** & Stillman, P. E. (under review). A computational theory of flow.

Weisz, E., Chen, P., Ong, D. C., **Carlson, R. W.**, Clark, M. D., & Zaki, J. (under review). A brief intervention to motivate empathy in middle school.

conference presentations

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. (Feb, 2021). The role of self-inference in prosocial behavior. Talk to be presented virtually at the Society for Personality and Social Psychology (SPSP) 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 to be presented virtually at 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.

Carlson, R. W., Oud, B., Marechal, M., Fehr, E., & Crockett, M. J. (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., 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.

Carlson, R. W., Burnett A. J., & Liotti, M. (Jan, 2016). Sacrificing time for others during an unpleasant experience supports well-being. Poster presented at the Emotion Preconference for SPSP, San Diego, CA.

Burnett A. J., **Carlson, R. W.**, & Liotti, M. (Jan, 2016). "Are there partisans which would 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., Liotti, M. & Aknin, L. B. (Nov, 2014). Spatiotemporal neural dynamics of intuitive prosociality. Poster presented at the Society for Social Neuroscience annual meeting, Washington, DC.

Carlson, R. W. & Aknin, L. B. (May, 2014). Intuition, empathy, and prosocial behavior. Talk presented at Connecting Minds, Richmond, BC.

teaching experience

Teaching Fellow, **Yale University**
2020	PSYC 200: *Statistics for Psychological Science* (A. Bailey)
2019	PSYC 376: *Learning and Memory* (T. Brown)
2019	PSYC 303: *Social Neuroscience* (M. Crockett)
2018	PSYC 141: *Abnormal Psychology* (A. Baskin-Sommers)

Teaching Assistant, Simon Fraser University
2014-2015	PSYC 201: *Research Methods in Psychology* (G. Alder; G. Rose)

selected service

2019-present   **Graduate Affiliate**, *Trumbull College*
Mentor Yale undergraduates in preparation for their senior thesis talks. Coordinate social events that promote student well-being. Welcome and assist first years during move-in day.

2020	**Co-organizer, Speaker**, *Yale Psychology*'s *Town Hall on Structural Inequality, Racial Prejudice, and Allyship*
	Co-organized Yale Psychology's inaugural town hall on structural inequality, prejudice and the department's role in allyship. Conducted and presented archival research on scientific racism and issues of faculty diversity at Yale.
2018-2020	**Psychology Representative**, *Yale Graduate Student Assembly (GSA)*
	Served as an elected advocate for psychology graduate students. Conducted meetings, townhalls, and surveys to engage with student needs and concerns. Worked with other reps and department leadership to establish multiple departmental committees, including a Committee on Racial Equity and Justice (CREJ)—a rotating team of faculty, staff and students tasked with promoting racial justice at Yale.
2018-2019	**Interview Weekend Coordinator (Social Area)**, *Yale Psychology*
	Coordinated Yale Psychology's interview weekend for prospective students in 2018 and 2019. Worked with faculty, staff, and students to organize and execute student interview schedules, and coordinated social events.
2013-2015	**Founder, Editor-in-Chief**, *SFU Undergraduate Journal of Psychology*
	Launched an undergraduate journal for independent student research. Built the inaugural team of undergraduate editors, graduate reviewers, and faculty advisors. Developed protocols and a peer-review process. Secured funding, promotion efforts, maintained web content and submissions, and edited the journal's inaugural issue.

professional workshops

Organizer / Instructor

2021	Crockett Lab R Summer [R]efresher
2020	Crockett Lab R Summer 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

languages

R, Python, MATLAB, JavaScript, HTML, CSS

ad-hoc reviewing

Cognitive Neuroscience:
Biological Psychology, Journal of Neurophysiology, Journal of Neuroscience, NeuroImage

Social Psychology:
Asian Journal of Social Psychology, European Journal of Social Psychology, Journal of Experimental Social Psychology, Social Psychology