Ryan W. Carlson

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New Haven, CT 06511

education

2017-present   Yale University, New Haven, CT, USA
PhD in Psychology
Advisor: Molly Crockett

2010-2014   Simon Fraser University, Burnaby, BC, Canada
BA (Hons.) in Psychology
Advisors: Lara Aknin & Mario Liotti

recent employment

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

awards

2017-2022   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   SFU Undergraduate Open Scholarships
2013   Irving K. Barber One World Scholarship
2013   International Mobility Award

publications

Carlson, R. W., Marechal, M., Oud, B., Fehr, E., & Crockett, M. J. (2020). Motivated misremembering of selfish decisions. *Nature Communications*. *11*(1), 1-11.

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

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., & Crockett, M. J. (2018). The lateral prefrontal cortex and moral goal pursuit. *Current Opinion in Psychology, 24*, 77-82

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.

Carlson, R. W., & Zaki, J. (under review). Belief in altruistic motives predicts prosocial actions and inferences.

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.

Carlson, R. W., Adkins, C., Crockett, M. J., & Clark, M. S. (under review). Psychological selfishness.

Melnikoff, D. E., **Carlson, R. W.,** & Stillman, P. E. (in prep). A computational account of flow.

conference presentations

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

Spring 2020	PSYC 200: *Statistics* (A. Bailey)
Fall 2019	PSYC 376: *Learning and Memory* (T. Brown)
Spring 2019	PSYC 303: *Social Neuroscience* (M. Crockett)
Fall 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)

service

2019-present	**Graduate Affiliate**, *Trumbull College* Mentor Yale undergraduates preparing for their senior thesis talks. Coordinate student social events that seek to promote student well-being.
2018-2020	**Psychology Representative**, *Yale Graduate Student Assembly (GSA)* Organized town halls, meetings, and surveys to engage with students about their needs and concerns. Worked with other elected reps on various initiatives to improve the well-being of psychology graduate students.
2016	**Program Assistant**, *SPSP Emotion Preconference* Organized and designed the program for the SPSP 2016 Emotion Preconference.
2013-2015	**Founder, Editor-in-Chief**, *SFU Undergraduate Journal of Psychology* Launched an undergraduate research journal to promote independent student research. Developed protocols and a peer-review process. Coordinated with editors and reviewers, led promotion initiatives, maintained web content and submissions, and edited the journal's inaugural volume.
2012-2013	**Global Partnering System Mentor**, *SFU International Services for Students* Mentored three international exchange students, offering tutoring and support for academic success.
2011-2012	**Residence Orientation Leader,** *SFU Residence Orientation* Led new students through residence orientation week, offering guidance and support for transitioning to living on campus, and leading activities to help students build leadership and communication skills.

professional workshops

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

fMRI analysis techniques

RSA, FCMA, task connectivity, neurofeedback, hyperalignment, SRM

ad-hoc reviewing

Biological Psychology
European Journal of Social Psychology
Journal of Experimental Social Psychology
Journal of Neurophysiology
Journal of Neuroscience
NeuroImage