

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 & honours

- 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
2011-2013 Dean's and President's Honour Roll

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.
- 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. *Proceedings of the National Academy of Sciences*, 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., Ong, D. C., **Carlson, R. W.**, & Zaki, J. (under review). Building empathy: A brief intervention to promote social connection.

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., & Clark, M. S. (under review). Psychological selfishness.

conference presentations

Carlson, R. W., Yu, H., & Crockett, M. J. (July, 2020). Self-inferred desires to benefit self and other. Poster to be 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

Spring 2020	Teaching fellow for PSYC 200: <i>Statistics</i> (A. Bailey) <i>Yale University</i>
Fall 2019	Teaching fellow for PSYC 376: <i>Learning and Memory</i> (T. Brown) <i>Yale University</i>
Spring 2019	Teaching fellow for PSYC 303: <i>Social Neuroscience</i> (M. Crockett) <i>Yale University</i>
Fall 2018	Teaching fellow for PSYC 141: <i>Abnormal Psychology</i> (A. Baskin-Sommers) <i>Yale University</i>
2014-2015	Teaching assistant for PSYC 201: <i>Research Methods in Psychology</i> <i>Simon Fraser University</i>

service

2019-present	Graduate affiliate , <i>Trumbull College</i> Support Yale undergraduates in preparing for their senior thesis talks, and coordinate social events that promote student well-being.
2018-2020	Psychology representative , <i>Yale Graduate Student Assembly</i> Elected representative for Yale Psychology responsible for monitoring psychology graduate student needs and concerns, and advocating for policy change in the graduate school to promote graduate student well-being.
2016	Program assistant , <i>SPSP Emotion Preconference</i> Organized and designed the program for the SPSP 2016 Emotion Preconference.
2013-2015	Founder, Editor-in-chief , <i>SFU Undergraduate Journal of Psychology</i> 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 , <i>SFU International Services for Students</i> Mentored three international exchange students, offering tutoring and support for academic success.
2011-2012	Residence orientation leader , <i>SFU Residence Orientation</i> 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, 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
Social Psychological and Personality Science