

# Ryan W. Carlson

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## 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

- 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.**, 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. (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.**, Marechal, M., Oud, B., Fehr, E., & Crockett, M. J. (in press). Motivated misremembering of selfish decisions. *Nature Communications*.
- 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.**, 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**

2014-2015	Teaching assistant for PSYC 201: <i>Research Methods in Psychology</i> Department of Psychology, Simon Fraser University
Fall 2018	Teaching fellow for PSYC 141: <i>Abnormal Psychology</i> (A. Baskin-Sommers) Department of Psychology, Yale University
Spring 2019	Teaching fellow for PSYC 303: <i>Social Neuroscience</i> (M. Crockett) Department of Psychology, Yale University
Fall 2019	Teaching fellow for PSYC 160: <i>The Human Brain</i> (G. McCarthy) Department of Psychology, Yale University

### **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	Stanford fMRI Bootcamp
2016	Stanford EEG Methods Club
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

### **fMRI analysis techniques**

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

### **ad-hoc reviewing**

*Journal of Neuroscience*  
*Journal of Neurophysiology*  
*Journal of Experimental Social Psychology*

