

# 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

- 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.**, 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**

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

### **professional workshops**

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| 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**

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