

# Dominic Burkart

Lab Manager and Researcher, Princeton Social Neuroscience Lab

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## Research Experience

2017 – current: Lab Manager and Researcher, Princeton Social Neuroscience Lab

- PI: [Diana Tamir](#)

2015 – 2017: Research Assistant, New York University's Social Perception and Evaluation Lab

- PI: [Jay Van Bavel](#)

2014 – 2015: Research Assistant, Kansas University Medical Center's Bruce Neuroscience Cooperative

- PI: [Amanda Bruce](#)

2013 – 2014: Research Assistant, University of Missouri: Kansas City's Behavioral Rewards and Incentive Networks Lab

- PI: [Amanda Bruce](#)

## Academic Interests

- Social networks – cognitive & neural foundations, topology, digital network collection
- Technical methodologies – natural language processing, geodata, network/tensor analysis
- Group and Intergroup dynamics – identity, conflicts, and health; especially of minorities

## Education

2015 – 2017: New York University

- BA Psychology (May 2017, final GPA 3.612), minor in French
- Singer in the NYU Chorale

2013 – 2015: University of Missouri: Kansas City

- Honors Student of Psychology and English
- Editor and Secretary for the undergraduate research journal, Lucerna

## Primary Programming Languages

- Python
- R
- Javascript
- Erlang
- Java

## Software Literacy

- IDEs: PyCharm (Python, Erlang), Eclipse (Java), RStudio (R)
- Statistics / Visualization: Gephi, SPSS
- Adobe Creative Suite (for design and video / image / audio editing)

## Academic Publications, Posters, and Presentations

- Burkart, D., Wills, J., Brady, W., Van Bavel, J. (2017). [\*Morality, Emotionality, and Social Network Structures of Political Twitter Users\*](#). Poster presented at the Society for Personality and Social Psychology, San Antonio, Texas.
- Ha, O. R., Bruce, A. S., Pruitt, S. W., Cherry, J. B. C., Smith, T. R., Burkart, D., Bruce, J. M. & Lim, S. L. (2016). Healthy eating decisions require efficient dietary self-control in children: A mouse-tracking food decision study. *Appetite*, 105, 575-581.
- Ha, O. R., Bruce, A. S., Pruitt, S. W., Cherry J. B. C., Smith T. R., Burkart D., Bruce, J. M., & Seung-Lark Lim (2016). *Healthy Eating Decisions Require Efficient Inhibitory Self-Control in Children: A Mouse-Tracking Food Decision Study*. Poster presented at the fourth congress of Flux: The Society for Developmental Cognitive Neuroscience, Saint Louis, Missouri.
- Smith, T. R., Bruce, A. S., Haghnegahdar, M., Burkart, D., Francisco, A. J., Cherry, J. B. C., Ha, O. R., Bruce, J. M., & Seung-Lark Lim (2015). *Child-parent food decision disagreement in obese and lean children*. Poster presented at ObesityWeek 2015, Los Angeles, California.

## Other Publications

- Burkart, D. (2017). [\*Whose Votes Count? State Demographics and Election Qualities\*](#). *VividCivic*.
- Burkart, D (ed.). (2016). [\*Standard Deviation\*](#), 1.

## Awards and Honors

- Awarded Dean's Undergraduate Research Funding (DURF) three times: for Social Network Analysis, Queer Psychology, and Moral Contagion, NYU
- Research+ undergraduate researcher (including summer housing), NYU
- Honors Program, University of Missouri: Kansas City (UMKC)
- Dorothy Zimmer Merit Scholarship (for Musical Composition) and Talent Scholarship, UMKC Community Academy of Music and Dance

## Programming Examples

GitHub: [@DominicBurkart](#). Projects include:

- [Python cross-validated text classifiers](#)
- [Erlang cluster manager](#)
- [Java twitter network collector](#)
- [Python autobiographical text identifier](#)

## Arts

See [dominicburkart.com/art.html](http://dominicburkart.com/art.html) for composition, photography, and performance examples.