

# Leor Hackel

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## POSITIONS

**Post-doctoral Fellow**, Stanford University 2016-present  
Advisor: Dr. Jamil Zaki

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## EDUCATION

**PhD in Social Psychology**, New York University 2016  
Minor in Quantitative Psychology  
Advisors: Dr. Jay Van Bavel, Dr. David Amodio

**BS, Neuroscience & Behavior**, *Summa Cum Laude*, Columbia University 2011  
Departmental Honors in Neuroscience & Behavior  
Advisor: Dr. Kevin Ochsner

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## AWARDS, FELLOWSHIPS, AND HONORS

Friends of Katzell Summer Fellowship, New York University 2014  
Student Poster Award, Society for Personality & Social Psychology 2014  
Graduate Student Outstanding Research Award,  
Society for Personality & Social Psychology 2014  
Travel Award, Society for Personality & Social Psychology 2013  
GSAS Dean's Conference Travel Award, New York University 2013  
Travel Award, Center for Social & Political Behavior, New York University 2013  
Honorable Mention, National Science Foundation Graduate Research Fellowship 2013  
Fellowship, NIH/University of Michigan Training Course in fMRI 2012  
Engberg Award, NYU 2011  
Jennifer A. Pack Prize in Psychology, Columbia University 2011  
Phi Beta Kappa Inducted Spring 2011  
General Studies Honor Society, Columbia University Inducted Spring 2010

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## GRANTS

*An Interdisciplinary Approach to Reducing Disparities in Social Capital*. National Science Foundation, SBE Postdoctoral Research Fellowship: \$227,520. (2016-2018).  
*Neural Mechanisms of Social Learning*. NYU Center for Brain Imaging Pilot Grant: \$10,000. (2014).  
*Neural Underpinnings of Identity-Related Social Preferences*. NYU Center for Brain Imaging Pilot Grant: \$5,000. (2012-2013).

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## PUBLICATIONS

**Hackel, L. M.**, Zaki, J., & Van Bavel, J. J. (in press). Social identity shapes social valuation: Evidence from prosocial behavior and vicarious reward. *Social Cognitive and Affective Neuroscience*.

Schmid, P., **Hackel, L. M.**, Jasperse, L., & Amodio, D. M. (in press.) Frontal cortical effects on feedback processing and reinforcement learning: Relation of EEG asymmetry with the feedback-related negativity and behavior. *Psychophysiology*.

Dixon-Gordon, K. L., Tull, M. T., **Hackel, L. M.**, & Gratz, K. L. (in press). The influence of emotional state on learning from reward and punishment in borderline personality disorder. *Journal of Personality Disorders*.

**Hackel, L. M.**, Larson, G. M., Bowen, J. D., Ehrlich, G. A., Mann, T. C., Middlewood, B., Roberts, I. D., Eyal, J., Fetterolf, J.C., Gonzalez, F., Garrido, C. O., Kim, J., O'Brien, T., O'Malley, E. E., Mesquita, B., & Barrett, L.F. (2016). On the neural implausibility of the modular mind: Evidence for distributed construction dissolves boundaries between perception, cognition, and emotion. *Behavioral and Brain Sciences*, 39.

**Hackel, L. M.**, Doll, B. B., & Amodio, D. M. (2015). Instrumental learning of traits versus rewards: Dissociable neural correlates and effects on choice. *Nature Neuroscience*, 18, 1233-1235.

**Hackel, L. M.**, Looser, C. E., & Van Bavel, J. J. (2014). Group membership alters the threshold for mind perception: The role of social identity, collective identification, and intergroup threat. *Journal of Experimental Social Psychology*, 52, 15-23.

Van Bavel, J. J., **Hackel, L. M.**, & Xiao, Y. J. (2014). The group mind: The pervasive influence of social identity on cognition. In J. Decety & Y. Christian (Eds.) *New frontiers in social neuroscience*. (pp. 41-56). Springer.

Van Bavel, J. J., Xiao, Y. J. & **Hackel, L. M.** (2013). Social identity shapes social perception and evaluation: Using neuroimaging to look inside the social brain. In B. Derks, D. Scheepers & N. Ellemers (Eds.) *The Neuroscience of Prejudice and Intergroup Relations*. (pp. 110-129). Psychology Press.

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#### MANUSCRIPTS UNDER REVIEW

**Hackel, L. M.** & Zaki, J. (2017.) Propagation of economic inequality through reciprocity and reputation. Manuscript submitted for publication.

**Hackel, L. M.**, Coppin, G., Wohl, M. J. A., & Van Bavel, J. J. (2017.) From groups to grits: Social identity shapes evaluations of food pleasantness. Manuscript submitted for publication.

**Hackel, L. M.**, Mende-Siedlecki, P., Loken, S., & Amodio, D. M. (2017.) Instrumental social learning across contexts: Traits, not rewards, support flexible social behavior. Manuscript submitted for publication.

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#### MANUSCRIPTS IN PREPARATION

**Hackel, L. M.**, Mende-Siedlecki, P., Looser, C. E., & Van Bavel, J. J. *Extracting social meaning from a face: Neural correlates of mind perception*. Manuscript in preparation.

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## **SYMPOSIA CHAIRED**

Amodio, D.M., & Hackel, L.M. (2015, May). *Learning from social rewards and punishments: How social contexts transform the dynamics of reinforcement learning*. Symposium chaired at the 25<sup>th</sup> annual meeting of the Association for Psychological Science, New York, NY.

Hackel, L.M., & Van Bavel, J.J. (2013, May). *Group influences on mind perception*. Symposium chaired at the 25<sup>th</sup> annual meeting of Association for Psychological Science, Washington, D.C.

Hackel, L.M., & Van Bavel, J.J. (2013, January). *Group influences on mind perception: Novel insights into when and how we see minds across group divides*. Symposium chaired at the 14<sup>th</sup> annual meeting of the Society for Personality and Social Psychology, New Orleans, LA.

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## **TALKS**

Hackel, L. M., & Amodio, D.M. (2016, August). *Habit and social cognition: Learning processes and effects on behavior*. Paper presented at the Habit-Driven Consumer meeting, Catalina Island, CA.

Hackel, L.M., Doll, B. B., & Amodio, D. M. (2016, April). *Instrumental learning of traits versus rewards: Dissociable neural correlates and effects on choice*. Paper presented at the 9<sup>th</sup> annual meeting of the Social and Affective Neuroscience Society, New York, NY.

Hackel, L.M, Doll, B.B., & Amodio, D.M. (2015, May). *Neural signatures of both trait and value learning guide social decisions*. Paper presented at the 27<sup>th</sup> annual meeting of the Association for Psychological Science, New York, NY.

Hackel, L.M, Doll, B.B., & Amodio, D.M. (2015, May). *Neural encoding of traits drives decision-making above and beyond reward learning*. Paper presented at the 5<sup>th</sup> annual Interdisciplinary Symposium on Decision Neuroscience, Boston, MA.

Hackel, L.M., Zaki, J., & Van Bavel, J.J. (2015, February). *Motivational components of group identification shape altruistic behavior and neural vicarious reward responses*. Data blitz presented at the Emotion Preconference to the 16<sup>th</sup> annual meeting of the Society for Personality and Social Psychology, Long Beach, CA.

Hackel, L.M., Looser, C.E., & Van Bavel, J.J. (2013, April). *Social identity alters mind perception: Behavioral and neuroimaging evidence*. Paper presented at the 25<sup>th</sup> annual meeting of Association for Psychological Science, Washington, D.C.

Hackel, L.M., Looser, C.E., Jost, J.T., & Van Bavel, J.J. (2013, April). *Social identity alters mind perception: Behavioral and neuroimaging evidence*. Paper presented at the 6<sup>th</sup> annual meeting of the Social & Affective Neuroscience Society, San Francisco, CA.

Hackel, L. M., Looser, C.E., & Van Bavel, J.J. (2013, January). *Social identity alters the threshold for mind perception*. Paper presented at the 14<sup>th</sup> annual meeting of the Society for Personality and Social Psychology, New Orleans, LA.

Hackel, L. M., Looser, C. E., & Van Bavel, J. J. (2012, May). *Failing to see the mind across the group divide: Social identity alters the threshold for mind perception*. Paper presented at the New York University Psychology Department, New York, NY.

Hackel, L., & Ochsner, K.N. (2011, May). *Situational determinants of empathic accuracy*. Paper presented at the Columbia University Psychology Department, New York, NY.

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## POSTERS

Hackel, L.M., Mende-Siedlecki, P., Foerde, K., & Amodio, D. M. (2017, March). *Instrumental social learning across contexts*. Poster presented at the 10<sup>th</sup> annual meeting of the Social and Affective Neuroscience Society, Los Angeles, CA.

Hackel, L.M., Mende-Siedlecki, P., Loken, S., & Amodio, D. M. (2017, January). *Instrumental social learning across contexts*. Poster presented at the 18<sup>th</sup> annual meeting of the Society for Personality and Social Psychology, San Antonio, TX.

Hackel, L.M., Coppin, G., Wohl, M. J. A., & Van Bavel, J. J. (2016, January). *From groups to grits: Identity shapes food evaluation*. Poster presented at the 17<sup>th</sup> annual meeting of the Society for Personality and Social Psychology, San Diego, CA.

Hackel, L.M., Zaki, J., & Van Bavel, J.J. (2015, April). *Motivational components of group identification shape altruistic behavior and neural vicarious reward responses*. Poster presented at the 8<sup>th</sup> annual meeting of the Social and Affective Neuroscience Society, Boston, MA.

Hackel, L.M., Doll, B.B., & Amodio, D.M. (2015, March). *Neural signatures of both trait and value learning guide social decisions*. Poster presented at the 22<sup>nd</sup> annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Hackel, L.M., Doll, B.B., & Amodio, D.M. (2015, March). *Learning about people through feedback: Reinforcement learning in social cognition*. Poster presented at the 16<sup>th</sup> annual meeting of the Society for Personality and Social Psychology, Long Beach, CA.

Hackel, L. M., Looser, C. E., Jost, J. T., & Van Bavel, J. J. (2013, February). *Social identity shapes mind perception: Behavioral and neuroimaging evidence*. Poster session presented at the 15<sup>th</sup> Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.

Hackel, L., Looser, C. E., & Van Bavel, J. J. (2012, January). *Seeing minds: Social identity alters the threshold for mind perception*. Poster session presented at the Mind Perception Pre-Conference to the 13<sup>th</sup> Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.

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## TEACHING

### Psychology Department, New York University

Teaching Assistant, *Cognition* Spring, 2016

Teaching Assistant, *Intermediate Graduate Statistics* Fall, 2014

Teaching Assistant, *Statistics for the Behavioral Sciences* Summer, 2013

Guest Lecturer, *Graduate Research Methods* Fall, 2012 & 2014

### Psychology Department, Columbia University

Guest Lecturer, *Intro to Social Cognition* Spring, 2011

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## MENTORING

### Undergraduate Honors Theses Advised, New York University

- Stacy Beach
  - Dean's Undergraduate Research Fellowship recipient
  - Dean's Undergraduate Research Conference, Panel Award
  - Doris Aaronson Award for Outstanding Thesis in Psychology
- Bosi Chen
  - Dean's Undergraduate Research Fellowship recipient
  - Walter & Phyllis Loeb Research Scholarship
- Siri Loken
  - Dean's Undergraduate Research Fellowship recipient
- Jonathan Rosenthal
  - Dean's Undergraduate Research Fellowship recipient
  - Dean's Undergraduate Research Conference, Panel Award

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## REVIEWING

Brain and Cognition; Cognition; Cognitive Affective & Behavioral Neuroscience; Cerebral Cortex; Group Processes and Intergroup Relations; Human Brain Mapping; Journal of Cognitive Neuroscience; Neuroimage; PLoS One; Psychological Science; Review of General Psychology; Social Cognitive and Affective Neuroscience, Social Psychological and Personality Science

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## SERVICE

**Poster Reviewer**, Society for Personality & Social Psychology conference 2015  
**Graduate Admissions Committee**, Social Psychology, New York University 2014-2015  
**Coordinator**, Social Neuroscience Journal Group, New York University 2012-2014

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## ORGANIZATIONS

Association for Psychological Science (APS)  
Cognitive Neuroscience Society (CNS)  
Social & Affective Neuroscience Society (SANS)  
Society for Personality and Social Psychology (SPSP)  
Society for the Psychological Study of Social Issues (SPSSI)