

## JEFFREY A. BROOKS

Postdoctoral Researcher // Hume AI  
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### EDUCATION

- 2021                      Ph.D. in Psychology  
New York University  
*Advisor:* Dr. Jon Freeman
- 2018                      M.A. in Psychology  
New York University
- 2012                      B.A. in Philosophy (*Minor:* Cognitive & Brain Sciences)  
Tufts University

### PAST EMPLOYMENT & RESEARCH EXPERIENCE

- June – Aug. 2017      Visiting Graduate Student Researcher, National Institute of Physiological Sciences (Okazaki, Japan) (PI: Norihiro Sadato)
- 2013 – 2015            Lab Manager, University of North Carolina at Chapel Hill (PI: Kristen Lindquist)
- 2012 – 2013            Full-time Research Assistant, Duke University (PI: Roberto Cabeza)
- 2009 – 2012            Research Assistant, Tufts University (PI: Nalini Ambady)
- May – Aug. 2009       Summer Research Assistant, Harvard University (PI: Joshua Greene)
- Jan. – July 2009       Intern, Boston University Medical School Alzheimer's Disease Center (PI: Robert Stern)

### AWARDS & HONORS

*Dean's Travel Grant*, NYU Graduate School of Arts and Sciences, 2020  
*Graduate Student Travel Award*, Society for Personality and Social Psychology, 2019  
*Graduate Student Travel Award*, Society for Personality and Social Psychology, 2018  
*Summer Program Fellowship*, Japan Society for the Promotion of Science, 2017  
*East Asia and Pacific Summer Institutes Fellowship*, National Science Foundation, 2017  
*Dean's Travel Grant*, NYU Graduate School of Arts and Sciences, 2016  
*Dean's Supplementary Fellowship Grant*, New York University, 2015  
*Henry M. MacCracken Fellowship*, New York University, 2015 – present  
*Undergraduate Research Grant*, Tufts University, 2011  
*Dean's List*, Tufts University, 2009 – 2012  
*Tisch Scholar*, Tufts University, 2009 – 2011

### PUBLICATIONS

**Brooks, J.A.**, Stolier, R.M., & Freeman, J.B. (in press). Computational approaches to the neuroscience of social perception. *Social Cognitive and Affective Neuroscience*.

Barnett, B., **Brooks, J.A.**, & Freeman, J.B. (2021). Stereotypes bias face perception via orbitofrontal-fusiform cortical interaction. *Social Cognitive and Affective Neuroscience*.

Freeman, J.B., Stoller, R.M., & **Brooks, J.A.** (2020). Dynamic-interactive theory as a domain-general account of social perception. *Advances in Experimental Social Psychology*, 63, 237-287.

**Brooks, J.A.**, Chikazoe, J., Sadato, N., & Freeman, J.B. (2019). The neural representation of facial emotion categories reflects conceptual structure. *Proceedings of the National Academy of Sciences*, 116(32), 15861-15870.

Freeman, J.B., Stoller, R.M., **Brooks, J.A.**, & Stillerman, B.A. (2018). The neural representational geometry of social perception. *Current Opinion in Psychology*, 24, 83-91.

**Brooks, J.A.**, & Freeman, J.B. (2018). Conceptual knowledge predicts the representational structure of facial emotion perception. *Nature Human Behaviour*, 2, 581-591.

**Brooks, J.A.**, Stoller, R.M., & Freeman, J.B. (2018). Stereotypes bias visual prototypes for sex and emotion categories. *Social Cognition*, 36(5), 481-493.

**Brooks, J.A.**, & Freeman, J.B. (2018). Neuroimaging of person perception: A social-visual interface. *Neuroscience Letters*, 693, 40-43. [Special Issue: "Functional Imaging of the Emotional Brain"]

**Brooks, J.A.**, & Freeman, J.B. (2018). Psychology and neuroscience of person perception. Invited chapter in J. Wixted (Ed.), *The Stevens Handbook of Experimental Psychology and Cognitive Neuroscience*, 4<sup>th</sup> Edition (pp. 429-464). Wiley.

**Brooks, J.A.\***, Shablack, H.\*, Gendron, M., Satpute, A.B., Parrish, M.J., & Lindquist, K.A. (2017). The role of language in the experience and perception of emotion: A neuroimaging meta-analysis. *Social Cognitive and Affective Neuroscience*, 12(2), 169-183. [\*Authors contributed equally]

#### UNPUBLISHED MANUSCRIPTS (IN PREP / UNDER REVIEW)

Doyle, C.M., Lane, S.T., **Brooks, J.A.**, Wilkins, R.W., Gates, K.M. & Lindquist, K.A. (revise and resubmit). A data-driven subgrouping approach S-GIMME reveals degenerate neural pathways for emotion.

**Brooks, J.A.**, Stoller, R.M., & Freeman, J.B. (in prep). The neural representation of facial emotion categories in ventral temporal cortex is shaped by context.

Atzil, S., Satpute, A., B., Parrish, M.H., Shablack, H., MacCormack, J.K., Leshin, J.C., Goel, S., **Brooks, J.A.**, Kang, J. & Lindquist, K.A. (in prep). Sociality in the affective brain.

#### ADDITIONAL PUBLICATIONS

**Brooks, J.A.** (2009). Knowing yourself too well: A forward-looking analysis of the ethical questions surrounding genomics. *Ivy Journal of Ethics*, 9(2), 29-32. [Undergraduate philosophy journal; Special issue on genomics and personalized medicine]

#### ADDITIONAL TRAINING

"NeuroHackademy" Summer School in Neuroimaging and Data Science, University of Washington at Seattle, August 2018

Summer School in Social Neuroscience and Neuroeconomics, Duke University, June 2018

Multimodal Brain Imaging Workshop, Gateway MRI Center, University of North Carolina at Greensboro, June 2014

*Nonlinear Methods for Psychological Science*, American Psychological Association (APA) Advanced Training Institute, University of Cincinnati, June 2014

### CHAired CONFERENCE SYMPOSIA

**Brooks, J.A.**, & Freeman, J.B. (2020, February). *New approaches to fundamental questions in facial emotion perception*. Society for Personality and Social Psychology Annual Conference, New Orleans, LA. Speakers: Jared Martin, Rachael Jack, Reginald B. Adams, **Jeffrey Brooks**.

### CONFERENCE & INVITED TALKS

Freeman, J.B., Stoler, R.M., **Brooks, J.A.**, & Barnett, B.O. (2021). *A domain-general neural mechanism of flexible social perception*. Talk invited to be presented at the Social and Affective Neuroscience Society Annual Conference.

**Brooks, J.A.**, Stoler, R.M., & Freeman, J.B. (2020, February). *Conceptual knowledge shapes the neural representation of facial emotion categories*. Talk presented at the Society for Personality and Social Psychology Annual Conference, New Orleans, LA.

**Brooks, J.A.**, Barnett, B., & Freeman, J.B. (2020, February). *Neural pattern similarity reveals a stereotype-driven intersection between gender and emotion categories*. Talk presented at the Emotion pre-conference of the Society for Personality and Social Psychology Annual Conference, New Orleans, LA.

**Brooks, J.A.**, & Freeman, J.B. (2019, March). *Conceptual knowledge predicts the brain's representational structure of facial emotion categories*. Talk presented at the Society for Affective Science Annual Conference, Boston, MA.

**Brooks, J.A.** (2018, November). *Conceptual knowledge predicts the representational structure of facial emotion perception*. Talk presented at the New York University Social Psychology Brown Bag, New York, NY.

**Brooks, J.A.**, Chikazoe, J., Sadato, N., & Freeman, J.B. (2018, April). *Conceptual knowledge predicts the representational structure of facial emotion perception*. Talk presented at the 2018 New York Social and Affective Neuroscience Group meeting, Garden City, NY.

**Brooks, J.A.**, Stoler, R.M., & Freeman, J.B. (2018, March). *Using mouse-tracking to advance theory in social perception*. Talk presented at the Society for Personality and Social Psychology Annual Conference, Atlanta, GA.

**Brooks, J.A.** (2018, January). *Conceptual knowledge predicts the representational structure of facial emotion perception*. Talk presented at the New York University Social Psychology Brown Bag, New York, NY.

**Brooks, J.A.** (2017, March). *The role of conceptual knowledge in facial emotion perception*. Talk presented at the New York University Social Psychology Brown Bag, New York, NY.

**Brooks, J.A.** (2016, May). *Manipulating the intersection of novel social categories*. Talk presented at the New York University Social Psychology Brown Bag, New York, NY.

**Brooks, J.A.** (2009, April). *Rethinking the multiple category problem: Parallel social categorization in face processing*. Talk presented at Tufts University's Eleventh Annual Undergraduate Research & Scholarship Symposium, Somerville, MA.

## POSTER PRESENTATIONS

**Brooks, J.A.**, Stolier, R.M., & Freeman, J.B. (2020). *Context shapes the neural representation of facial emotion categories*. Poster accepted to be presented at the Social and Affective Neuroscience Society Annual Conference, Santa Barbara, CA. [Cancelled due to the COVID-19 pandemic]

**Brooks, J.A.**, Chikazoe, J., Sadato, N., & Freeman, J.B. (2019, May). *Conceptual knowledge shapes the neural representation of facial emotion perception*. Poster presented at the Social and Affective Neuroscience Society Annual Conference, Miami, FL.

**Brooks, J.A.**, Chikazoe, J., Sadato, N., & Freeman, J.B. (2018, May). *Conceptual knowledge shapes the neural representation of facial emotion perception*. Poster presented at the Social and Affective Neuroscience Society Annual Conference, Brooklyn, NY.

**Brooks, J.A.**, & Freeman, J.B. (2018, March). *Individual differences in conceptual knowledge shape facial emotion perception*. Poster presented at the Emotion pre-conference of the Society for Personality and Social Psychology, Atlanta, GA.

Doyle, C.M., Gates, K.M., Lane, S.T., **Brooks, J.A.**, Pendl, S., Wilkins, R., Kraft, R., Gao, W., & Lindquist, K.A. (2018, March). *Distinct neural pathways for anxiety: An application of the subgrouping GIMME algorithm*. Poster presented at the Emotion pre-conference of the Society for Personality and Social Psychology, Atlanta, GA.

**Brooks, J.A.**, & Freeman, J.B. (2017, January). *The role of conceptual knowledge in perception of facial emotion*. Poster presented at the Society for Personality and Social Psychology Annual Conference, San Antonio, TX.

**Brooks, J.A.**, Stolier, R.M., & Freeman, J.B. (2017, January). *Intersecting stereotypes bias visual prototypes for sex and emotion categories*. Poster presented at the Emotion pre-conference of the Society for Personality and Social Psychology, San Antonio, TX.

Shablack, H., **Brooks, J.A.**, Gendron, M., Satpute, A., & Lindquist, K.A. (2016, February). *The role of language in the experience and perception of emotion: A neuroimaging meta-analysis*. Poster presented at the Society for Personality and Social Psychology Annual Conference, San Diego, CA.

Parrish, M.H., **Brooks, J.A.**, Shablack, H., & Lindquist, K.A. (2015, April). *Brain bases of social affective experience: A meta-analysis of human neuroimaging studies*. Poster presented at the Social and Affective Neuroscience Society Conference, Boston, MA.

**Brooks, J.A.**, Shablack, H., Parrish, M.H., Gendron, M., Satpute, A.B., Hoemann, K., & Lindquist, K.A. (2015, April). *The role of emotion words in the experience and perception of emotion: A meta-analysis of the neuroimaging literature*. Poster presented at the Social and Affective Neuroscience Society Conference, Boston, MA.

Parrish, M.H., **Brooks, J.A.**, Shablack, H., & Lindquist, K.A. (2015, February). *Brain bases of social affective experience: A meta-analysis of human neuroimaging studies*. Poster presented at the Emotion Pre-conference of the Society for Personality and Social Psychology, Long Beach, CA.

**Brooks, J.A.**, Shablack, H., Parrish, M.H., Gendron, M., Satpute, A.B., Hoemann, K., & Lindquist, K.A. (2015, February). *The role of emotion words in the experience and perception of emotion: A*

*meta-analysis of the neuroimaging literature*. Poster presented at the Emotion Pre-conference of the Society for Personality and Social Psychology, Long Beach, CA.

**Brooks, J.A.**, Davis, S.W., Komes, J., & Cabeza, R. (2013, April). *Neural correlates of the own-age bias in younger and older adults*. Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

**Brooks, J.A.**, Freeman, J.B., & Ambady, N. (2011, May). *When two become one: Temporally dynamic integration of the face and voice*. Poster presented at the Association for Psychological Science Annual Convention, Washington, DC.

**Brooks, J.A.** (2010, April). *When two become one: Temporally dynamic integration of the face and voice*. Poster presented at Tufts University's Twelfth Annual Undergraduate Research & Scholarship Symposium.

### TEACHING EXPERIENCE

Fall 2020                      Guest lecturer  
Course: Graduate Research Methods  
New York University

Fall 2011                      Teaching Assistant  
Course: The Psychology and Neuroscience of Person Perception  
Tufts University

### RESEARCH ADVISING AND MENTORING EXPERIENCE

Masters students: Maryam Bin-Meshar\*, Carlina Conrad, Ian Ferguson, Ryan Tracy\*

Research staff: Benjy Barnett\*, Michael Berkebile\*, Kyle Brennan\*, Hayoung Woo, Xuan Zhang

Undergraduate students: Jane Acierno, Elizabeth Groombridge, Varonica Hong, Yanzi Huang, Inshil Paik

[\*Denotes a trainee who went on to a PhD program in Psychology, Neuroscience, or a related field]

### DEPARTMENTAL SERVICE

*Co-organizer and member*, fMRI Methods Journal Club (NYU), 2016 – 2021

*Member*, Diversity & Inclusion Steering Committee (NYU), 2020

*Member*, Climate Committee (NYU), 2019 – 2020

*Student Representative*, Graduate Admissions Committee (NYU), 2019 – 2020

*Student Representative*, Social Psychology PhD Program (NYU), 2018 – 2019

### PROFESSIONAL SERVICE

*Student Representative*, Society for Affective Science Student Committee (New York chapter), 2017 – 2020

#### Ad-hoc reviewer (journals)

*Brain Topology*

*Communications Biology*

*Nature Communications*

*Neuroimage*

*Personality and Social Psychology Bulletin*

*Psychiatry Research: Neuroimaging*

*Psychological Reports*  
*Social Cognitive and Affective Neuroscience*  
*Social Neuroscience*

**ACADEMIC AFFILIATIONS**

*Association for Psychological Science*  
*Cognitive Neuroscience Society*  
*Social and Affective Neuroscience Society*  
*Society for Affective Science*  
*Society for Personality and Social Psychology*