

Jeffrey Allen Brooks

jeffreyallenbrooks@gmail.com

Education

Ph.D., New York University (in progress)

Social Psychology

Advisor: Jon Freeman

M.A., New York University (2018)

Psychology

B.A., Tufts University (2012)

Philosophy

Minor: Cognitive & Brain Sciences

Research Experience

Visiting Graduate Student Researcher, National Institute of Physiological Sciences, Okazaki, Japan, June 2017 – Aug. 2017 (PI: Norihiro Sadato)

Lab Manager, UNC Chapel Hill, Aug. 2013 – Aug. 2015 (PI: Kristen Lindquist)

Full-time Research Assistant, Duke University, Aug. 2012 – Aug. 2013 (PI: Roberto Cabeza)

Research Assistant, Tufts University, Jan. 2009 - May 2012 (PI: Nalini Ambady)

Summer Research Assistant, Harvard University, May – Aug. 2009 (PI: Joshua Greene)

Intern, Boston University Medical School Alzheimer's Disease Center, Jan. – July 2009 (PI: Robert Stern)

Awards & Honors

Poster Award, Social and Affective Neuroscience Society, 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

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

Publications

Brooks, J.A., & Freeman, J.B. (2019). Neuroimaging of person perception: A social-visual interface. *Neuroscience Letters*, 693, 40-43. [special issue on Functional Imaging of the Emotional Brain]

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

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*, 4th 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]

Manuscripts in preparation or under review

Brooks, J.A., Chikazoe, J., Sadato, N., & Freeman, J.B. (revised and resubmitted). The neural representation of emotion perception reflects individual variability in conceptual knowledge. *Proceedings of the National Academy of Sciences*.

Brooks, J.A., Lindquist, K.A., Pendl, S., Wilkins, R., Kraft, R., Gates, K.M., & Gao, W. (revise and resubmit). Dynamic functional connectivity of intrinsic networks during emotion. *NeuroImage*.

Atzil, S., Satpute, A., Parrish, M., Shablack, H., Goel, S., **Brooks, J.A.**, Kang, J., & Lindquist, K.A. (under review). Sociality in the affective brain.

Brooks, J.A., Stolier, R.M., & Freeman, J.B. (in prep). Explicit context shapes the neural representation of facial emotion categories.

Brooks, J.A., Chikazoe, J., Woo, H., Sadato, N., & Freeman, J.B. (in prep). Patterns of white matter microstructure predict top-down influences on facial emotion perception.

Non-peer reviewed 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]

Conference & Invited Talks

Brooks, J.A., Chikazoe, J., Stolier, R.M., Sadato, N., Bin Meshar, M., & Freeman, J.B. (2019, March). *Top-down influences on the neural representation of facial emotion perception*. Talk presented at the 2019 Society for Affective Science Annual Conference, Boston, MA.

Brooks, J.A. (2018, November). *Top-down influences on the neural representation 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., Stolier, 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., Chikazoe, J., Stolier, R.M., Sadato, N., Bin Meshar, M., & Freeman, J.B. (2019, May). *Top-down influences on the neural representation of facial emotion perception*. Poster to be presented at the 2019 Social and Affective Neuroscience Society Annual Conference, Miami, FL.

Doyle, C.M., Lane, S.T., Killian, T.L., **Brooks, J.A.**, Wilkins, R.W., Gates, K.M., & Lindquist, K.A. (2019, March). *Unsupervised classification reveals degenerate neural representations of anger*. Poster presented at the 2019 Society for Affective Science Annual Conference, Boston, MA.

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 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

Teaching Assistant, Tufts University, Fall 2011 (*Course: The Psychology and Neuroscience of Person Perception*)

Professional Activities

Student Representative, Society for Affective Science (SAS) Student Committee (New York chapter), 2017 – present

Ad-hoc reviewer

- *Psychiatry Research: Neuroimaging*
- *Social Neuroscience*

Skills

Research methods and equipment: Functional MRI, Diffusion-weighted MRI, behavioral, motion-tracking, computational modeling, neuroimaging meta-analysis

Programming languages: Python, MATLAB, Bash, R

Stimulus presentation software: E-Prime, MouseTracker, Qualtrics, DirectRT

Statistical analysis software: SPSS, SAS

Neuroimaging analysis software: FSL, AFNI, PyMVPA