

JESSICA L. MOW

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April 2024

EDUCATION

- 2018-Present **Boston University**, Boston, MA
Doctoral Candidate in Clinical Psychology
Advisor: Daniel Fulford, Ph.D.
- 2023-Present **VA Palo Alto Healthcare System**, Palo Alto, CA
Clinical Psychology Internship
- 2011-2015 **Tufts University**, Medford, MA
B.S., Cognitive and Brain Sciences
Minors: Mass Communications and Media Studies, Music
Advisor: Aniruddh Patel, Ph.D.
- Fall 2013 **Universidad Autónoma de Madrid**
Semester abroad through Tufts-Skidmore in Spain

HONORS AND AWARDS

- 2020 APA Advanced Training Institute
- Accepted into selective course on Analysis of Intensive
Longitudinal Data
- 2015 Honors in Thesis, Tufts University
- 2015 Summa Cum Laude, Tufts University
- Inducted 2014 Psi Chi International Honor Society in Psychology Member
- 2011-2015 Dean's List, Tufts University

RESEARCH FUNDING

- 2023-2024 *Neural Correlates of Social Motivation and Functioning in Schizophrenia*
Principal Investigator
Clara Mayo Memorial Fellowship, Total Amount: \$9,160
- 2022-2023 *Neural Correlates of Social Motivation and Functioning in Schizophrenia*
Principal Investigator
Clara Mayo Memorial Fellowship, Total Amount: \$9,900
- 2022-2023 *Neural Correlates of Social Motivation and Functioning in Schizophrenia*
Principal Investigator
Sargent College Student Research Grant, Total Amount: \$3,300

PUBLICATIONS

Manuscripts

Vinke, L.N., Avanaki, M., Jeffrey, C., Harikumar, A., **Mow, J.**, Tootell, R., DeTore, N., & Holt, D.J. (under review). Neural correlates of personal space regulation in psychotic and healthy populations: the role of the inferior parietal cortex.

Gangopadhyay, I., Fulford, D., Corriveau, K., Arunachalam, S., Li, P.H., & **Mow, J.** (accepted). Pupils dilate more to harder vocabulary words than easier ones. *Cognitive Science*. Impact Factor: 2.9

Botello, R., Gill, K., **Mow, J.L.**, Leung, L., Mote, J., Mueser, K. T., Gard, D. E., Fulford, D. (2023). Validation of the Social Effort and Conscientious Scale (SEACS) in schizophrenia. *Journal of Psychopathology and Behavioral Assessment*. Impact Factor: 2.06

Sylvia, L.G., Tovey, R.E., Katz, D., Boccagno, C., Stromberg, A.R., Peters, A.T., Temes, C.M., Gold, A.K., **Mow, J.**, Puvanich, N., Albury, E.A., Stephan, N.J., Faria, C.M., Nierenberg, A.A., & Kamali, M.P. (2023). A new treatment program: Focused integrated team-based treatment program for bipolar disorder (FITT-BD). *Journal of Psychiatric Practice*. Impact Factor: 1.33

Mow, J.L., Gard, D.E., Mueser, K.T., Mote, J., Gill, K. Leung, L., Kangarloo, T., & Fulford, D. (2022). Smartphone-Based Mobility Metrics Capture Daily Social Motivation and Behavior in Schizophrenia. *Schizophrenia Research*. Impact Factor: 4.56

Fulford, D., Schupbach, E., Gard, D. E., Mueser, K. T., **Mow, J.**, & Leung, L. (2022). Do cognitive impairments limit treatment gains in a standalone digital intervention for psychosis? A test of the Digital Divide. *Schizophrenia Research: Cognition*. Impact Factor: 2.37

Fulford, D., Gard, D. E., Mueser, K. T., Mote, J., Gill, K., Leung, L., & **Mow, J.** (2021). Preliminary Outcomes of an Ecological Momentary Intervention for Social Functioning in Schizophrenia: Pre-Post Study of the Motivation and Skills Support App. *JMIR: Mental Health*. Impact Factor: 3.54

Mow, J.L., Gandhi, A., & Fulford, D. (2020). Imaging the “social brain” in schizophrenia: A systematic review of neuroimaging studies of social reward and punishment. *Neuroscience and Biobehavioral Reviews*. Impact Factor: 8.33

Book Chapters

Mueser, K.T., Fulford, D., & **Mow, J.L.** (in preparation, invited submission). Social skills training for negative symptoms. In Kimhy D, Lincoln T, Hansen M, eds., *Psychosocial Approaches to Negative Symptoms in Psychosis: Science, Theory & Practice*. Oxford University Press.

CLINICAL EXPERIENCE

- 2023-Present **VA Palo Alto Health Care System, Clinical Psychology Internship**
Psychology Resident
Clinical rotations: Inpatient Psychiatry, Women's Health Psychology,
Outpatient Mental Health Clinic, NCPTSD Research
Palo Alto, CA
- 2021-2022 **Dauten Family Center for Bipolar Treatment Innovation**
Psychology Practicum Student
Massachusetts General Hospital, Boston, MA
- 2020-2021 **Center for Early Detection, Assessment, & Response to Risk**
Psychology Practicum Student
Boston, MA
- 2019-2020 **Center for Anxiety & Related Disorders**
Psychology Practicum Student
Boston University, Boston, MA

ORAL PAPERS AND SYMPOSIA

- Mow, J.L.**, Gard, D.E., Mueser, K.T., Mote, J., Gill, K., Leung, L., & Fulford, D. (2021). Oh the places that motivate: Smartphone-derived mobility metrics and social motivation in daily life in schizophrenia, in *Mechanisms of Amotivation in the Psychosis Spectrum* (Symposium). European Congress on Schizophrenia Research, Virtual Convention.
- Mow, J.L.**, Gandhi, A., *Aburida, S., *Quidore, L., & Fulford, D. (2021). Is the social glass half full or empty? Ambiguous feedback probes individual differences in social motivation. Flash Talk presented at Association for Psychological Science, Virtual Convention.

*Denotes mentee author

PRESENTATIONS

- Schupbach, E., Johnson, D., **Mow, J.**, DeTore, N., Mote, J., Holt, D., & Fulford, D. (2023). *Loneliness, Social Isolation, and Mobility in the Daily Lives of Individuals with and without Serious Mental Illness*. Poster presented at Society for Research in Psychopathology, St. Louis, MO.
- Mow, J.L.**, Gandhi, A., *Chen, E., Mote, J., & Fulford, D. (2023). *Interpreting social ambiguity: A novel hypothesis of social impairments in psychopathology*. Poster accepted for presentation at Society for Research in Psychopathology, St. Louis, MO.
- Mow, J.L.**, *Parent, J., *Aburida, S., *McDonald, R., Arunachalam, S., & Fulford, D. (2022). *Defeatist beliefs, Psychopathology risk, and Subjective and Objective Indicators of Motivation*

- and Effort*. Poster presented at Society for Research in Psychopathology, Philadelphia, PA.
- *McDonald, R., **Mow, J.**, & Fulford, D. (2022). *Gender Differences in the Association between Distress Intolerance and Risk for Psychopathology*. Poster accepted for presentation at Society for Research in Psychopathology, Philadelphia, PA.
- Mow, J.L.**, Gard, D.E., Mueser, K.T., Mote, J., Gill, K., Leung, L., & Fulford, D. (2021). *Moving through a social life: Passively measured mobility tracks with daily reports of social motivation and behavior in schizophrenia over eight weeks*. Poster presented at Society for Research in Psychopathology, Virtual Convention.
- Gandhi, A., **Mow, J.L.**, *Quidore, L.M., *Aburida, S.A., & Fulford, D. (2021). *The impact of ambiguous feedback on social motivation: Associations with schizotypy, loneliness, and social anxiety*. Poster presented at Society for Research in Psychopathology, Virtual Convention.
- Botello, R., Gill, K., **Mow, J.**, Leung, L., Mueser, K., Gard, D., Fulford, D. (2021). *Negative symptoms and social functioning in schizophrenia: The contribution of social effort*. Poster presented at Society for Research in Psychopathology, Virtual Convention.
- *Aburida, S.A., **Mow, J.L.**, Gandhi, A., *Quidore, L.M. & Fulford, D. (2021). *Depression risk and prosocial behavior in college students in an online social media paradigm*. Poster presented at Society for Research in Psychopathology, Virtual Convention.
- Harikumar, A., Barbour, T.A., Nasiriavanaki, Z., Hines, S.E., Coman, D.C., **Mow, J.L.**, Tootell, R.B.H., & Holt, D.J. (2019). *Responses to consummatory social reward in psychosis*. Poster presented at Massachusetts General Hospital Clinical Research Day, Boston, MA.
- Mow, J.L.**, Mote, J., Mueser, K.T., & Fulford, D. (2019). *Acceptability, feasibility, and preliminary outcomes for a transdiagnostic, online cognitive behavioral therapy intervention to address paranoia*. Poster presented at Society for Research in Psychopathology, Buffalo, NY.
- Gill, K., Mote, J., **Mow, J.**, Leung, L., Gard, D., Mueser, K., & Fulford, D. (2019) *Daily Effort Towards Social Goals in Schizophrenia: Findings from the Motivation and Skills Support (MASS) Smartphone Application*. Poster presented at Society for Research in Psychopathology, Buffalo, NY.
- Deng, W. Tuominen, L., Nasiriavanaki, Z., Leathem, L., **Mow, J.L.**, Barbour, T., & Holt, D.J. (2019). *Altered associative learning-related responses and connectivity of amygdala subnuclei in youth with persecutory ideas*. Poster presented at Society for Research in Psychopathology, Buffalo, NY.
- Harikumar, A., Barbour, T.A., Nasiriavanaki, Z., Hines, S.E., Coman, D.C., **Mow, J.L.**, Tootell, R.B.H., & Holt, D.J. (2019). *Measuring responses to social reward in psychosis*:

- validation of a novel experimental paradigm.* Poster presented at Society of Biological Psychiatry, Chicago, IL.
- Nasiriavanaki, Z., Barbour, T., Tuominen, L., Farabaugh, A.H., Fava, M., Holmes, A.J., **Mow, J.**, Tootell, R.B.H., & Holt, D.J. (2019). *Insecure attachment is associated with over-responsivity of a parietofrontal network that monitors peri-personal space.* Poster presented at Society of Biological Psychiatry, Chicago, IL.
- Deng, W., Tuominen, L., Leathem, L., **Mow, J.**, Barbour, T., & Holt, D.J. (2019). *Persecutory beliefs are associated with abnormal medial temporal lobe responses during fear learning.* Poster presented at Society of Biological Psychiatry, Chicago, IL.
- Mow, J.L.** & Fulford, D. (2019). *Exploring mechanisms of motivation: positive affect, anhedonia, and effort-based decision-making.* Poster presented at Society for Affective Science, Boston, MA.
- Parent, J.H., Mote, J., Peckham, A.D., **Mow, J.L.**, Ling, S., & Fulford, D. (2019). *Eye blink rate and pupil dilation as psychophysiological correlates of approach motivation and pleasure.* Poster presented at Society for Affective Science, Boston, MA.
- Tuominen, L., Deng, W., Leathem, L., **Mow, J.**, Barbour, T., & Holt, D.J. (2019). *Anhedonia in non-psychotic individuals is associated with diminished fear generalization.* Poster presented at Schizophrenia International Research Society, Orlando, FL.
- Deng, W., Tuominen, L., Leathem, L., **Mow, J.**, Barbour, T., Holt, D.J. (2019). *Aberrant medial temporal lobe responses during fear conditioning in young adults with subthreshold psychosis.* Poster presented at Mysell Day at Massachusetts General Hospital, Boston, MA.
- Deng, W., Leathem, L., Tuominen, L., Barbour, T., Hamel, M., **Mow, J.L.**, Terechina, O., & Holt, D.J. (2018). *Abnormal amygdala activity during fear conditioning in subclinical psychosis.* Poster presented at Harvard Undergraduate Research Opportunities in Science, Cambridge, MA.
- Nasiriavanaki, Z., Harikumar, A., **Mow, J.L.**, Tuominen, L., Terechina, O., Barbour, T., Coman, D.C., Leathem, L., Hines, S.E., Tootell, R.B.H., & Holt, D.J. (2018). *The role of the neural system that monitors personal space in social functioning: relationship to social motivation.* Poster presented at Massachusetts General Hospital Clinical Research Day, Boston, MA.
- Mow, J.L.**, Terechina, O., Tuominen, L., Barbour, T., Fava, M., Holmes, A., Tootell, R.B.H., & Holt, D.J. (2018). *Time course of parietal cortex responses to intrusions into personal space.* Poster presented for Society of Biological Psychiatry, New York, NY.
- Mow, J.L.**, Tuominen, L., Barbour, T., Farabaugh, A., Fava, M., Holmes, A., Terechina, O., Tootell, R.B.H., & Holt, D.J. (2017). *Activity pattern of left DIPS in response to approaching stimuli in schizophrenia.* Poster presented at Massachusetts General Hospital Clinical Research Day, Boston, MA.

Leathem, L.D., Tuominen, L., Barbour, T., DeCross, S.N., **Mow, J.L.**, Terechina, O., & Holt, D.J. (2017). *The neural basis of generalization of fear and safety signals and alterations in these processes in subthreshold psychosis*. Poster presented at Massachusetts General Hospital Clinical Research Day, Boston, MA.

– Winner, Psychiatry Department Award

Mow, J.L., Gwilliams, L., Khalighinejad, B., Mesgarani, N., & Marantz, A. (2016). *Encoding and organization of phonemes by feature in STG*. Poster presented for the Society for the Neurobiology of Language Conference, University College London, London, U.K.

Mow, J. (2015). *Effects of neighborhood density on vowel space in oral reading and picture naming tasks*. Poster presented for the Tufts University Cognitive and Brain Sciences Senior Seminar Poster Session, Medford, MA.

RESEARCH EXPERIENCE

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| 2018-Present | Approach Motivation and Participation Lab
Boston University, Boston, MA
Graduate Research Assistant
PI: Daniel Fulford, Ph.D. |
| 2016-2018 | Emotion and Social Neuroscience Lab
Massachusetts General Hospital, Charlestown, MA
Clinical Research Coordinator
PI: Daphne Holt, M.D., Ph.D. |
| 2015-2016 | Neuroscience of Language Lab
New York University Abu Dhabi, Abu Dhabi, UAE
Research Assistant
PI: Alec Marantz, Ph.D. |
| 2013-2015 | Psycholinguistics and Linguistics Lab
Tufts University, Medford, MA
Research Assistant
PI: Ariel Goldberg, Ph.D. |
| 2013 | Emotion, Brain, and Behavior Lab
Tufts University, Medford, MA
Research Assistant
PI: Heather Urry, Ph.D. |

PROFESSIONAL SERVICE

Equity & Inclusion Committee 2021-2023
Steering Committee Member

Colloquium Committee 2019-2021
Co-Chair

AD-HOC JOURNAL REVIEWS

Journal of Affective Disorders
European Psychiatry
PLOS ONE
Clinical Psychology & Psychotherapy
Cognitive Neuropsychiatry
Social Cognitive and Affective Neuroscience

TEACHING AND MENTORING

Guest Lectures

2022 PS 337: Memory Systems of the Brain
- Lecture title: *Schizophrenia: A Clinical View*

Teaching Fellowships

Fall 2021 PS 211: Introduction to Experimental Design
Spring 2022 PS 337: Memory Systems of the Brain

Undergraduate Mentees

Eileen Chen, Boston University
- Currently a medical assistant
Riley McDonald, Boston University
- Currently a clinical research associate at Johnson & Johnson
Liam Quidore, Boston University
- Currently a graduate student at Boston University School of Public Health
Sophia Aburida, Boston University
- Currently a nursing student at Northeastern University
Sarah Schumacher, Boston University
- Currently a data analyst at Boston Medical Center
Jourdan Parent, Boston University
- Currently a doctoral student at Brandeis University

Workshops

Training for Stop-Distance Paradigm (AMP Lab)
- March and April 2019
Training in SCID-5 (AMP Lab)
- April and May 2023

SKILLS AND QUALIFICATIONS

Programming and Analysis: R, Matlab, Python, SPSS, MPlus, Freesurfer, JavaScript, C++, CONN toolbox, Praat

Clinical Interviews: Structured Clinical Interview for DSM-5 (SCID-5), Anxiety Disorders Interview Schedule (ADIS), Brief Psychiatric Rating Scale (BPRS), Heinrichs Quality of Life Scale (QLS), Brief Negative Symptom Scale (BNSS), Positive and Negative Syndrome Scale (PANSS), Structured Interview for Prodromal Syndromes / Scale of Prodromal Symptoms (SIPS/SOPS), the Clinical Assessment Interview for Negative Symptoms (CAINS), Global Functioning Scale – Social, Role Versions (GF – Social, Role), Global Assessment of Functioning (GAF), Mini International Neuropsychiatric Interview (MINI)

Imaging: Magnetic Resonance Imaging (MRI; Certifications at the Athinoula A. Martinos Center and Boston University Cognitive Neuroimaging Center); Magnetoencephalography (MEG; Certification at New York University, Abu Dhabi)

Languages: Conversant in Spanish

REFERENCES

Available Upon Request