# David Dodell-Feder, Ph.D.

Curriculum Vitae May 2022

#### **CONTACT INFORMATION**

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#### PRIMARY ACADEMIC APPOINTMENT

2018- Assistant Professor Department of Psychology University of Rochester

#### SECONDARY ACADEMIC APPOINTMENTS

- 2019- Faculty Member Neuroscience Graduate Program University of Rochester Medical Center
   2018- Assistant Professor Del Monte Institute for Neuroscience
  - University of Rochester Medical Center
- 2018- Assistant Professor Department of Neuroscience University of Rochester Medical Center

#### **EDUCATION**

2018	Postdoctoral Fellow in Psychiatry Institute for Technology in Psychiatry/Department of Psychiatry McLean Hospital/Harvard Medical School
2017	Ph.D., Clinical Psychology Harvard University
2016-2017	Clinical Psychology Intern NewYork-Presbyterian Hospital/Weill Cornell Medical Center
2012	M.A., Clinical Psychology Harvard University

2008 B.A., Psychology, Brain & Cognitive Sciences University of Rochester

# HONORS, AWARDS, AND FELLOWSHIPS

National Institute of Mental Health Loan Repayment Award for Clinical Research
National Alliance on Mental Illness - New York State (NAMI-NYS) Excellence in
Research Award
National Institute of Mental Health Loan Repayment Award for Clinical Research
College Course Development Fellow, University of Rochester
Weill Cornell Medical Faculty Council Research Award, Weill Cornell Medical Center
Bok Center Certificate of Distinction in Teaching, Harvard University (Fall)
George W. Goethals Teaching Award, Harvard University (Fall)
Bok Center Certificate of Distinction in Teaching, Harvard University (Spring)
George W. Goethals Teaching Award, Harvard University (Spring)
Bok Center Certificate of Distinction in Teaching, Harvard University
Phi Beta Kappa, University of Rochester

### FUNDING

# Ongoing

2021-2022	Ernest J. Del Monte Institute for Neuroscience, University of Rochester Medical Center Schmitt Program in Integrative Neuroscience Predicting semantics in the perspective-taking brains of romantic couples: How perspective-taking ability contributes to relationship strength \$50,000 Role: Co-PI (with Andrew Anderson, Ph.D.)
2020-2022	Ernest J. Del Monte Institute for Neuroscience, University of Rochester Medical Center Schmitt Program in Integrative Neuroscience <i>Do impairments in prediction underlie perceptual and social processing deficits in</i> <i>schizophrenia?</i> \$50,000 Role: Co-PI (with Edmund Lalor, Ph.D.)
2019-2021	Ernest J. Del Monte Institute for Neuroscience, University of Rochester Medical Center Schmitt Program in Integrative Neuroscience <i>Mapping semantic information flow in the brain during natural speech production</i> \$50,000 Role: Co-PI (with Edmund Lalor, Ph.D. and Andrew Anderson, Ph.D.)

# Completed

2019-2022 Brain and Behavior Research Foundation

	NARSAD Young Investigator Award Improving social dysfunction in schizophrenia with neurofeedback through real-time functional magnetic resonance imaging \$70,000 Role: PI
2018-2022	National Endowment for the Arts Arts Research: Art Works <i>Enhancing social skills across the lifespan through fiction reading</i> \$85,000 Role: Pl
2018-2019	Center for Health + Technology (CHeT) and Ernest J. Del Monte Institute for Neuroscience, University of Rochester Medical Center Clinical Neuroscience Pilot Program <i>Using virtual agents to study the neural bases of live social interaction</i> \$50,000 Role: Pl
2015	Harvard University Mind, Brain, and Behavior Graduate Student Research Award <i>Reading fiction and reading minds: Investigating the influence of fiction reading on,</i> <i>theory of mind</i> \$10,000 Role: PI
2014	Harvard University Psychophysics Award Enhancing social cognition in individuals with schizophrenia through fiction reading \$3,500 Role: Pl
2013	Harvard University Norman Henry Anderson Graduate Psychology Award The effect of cognitive versus social cognitive training on cognition and functioning in individuals at clinical high risk for schizophrenia \$3,500 Role: Pl
2013	American Psychological Association of Graduate Students Basic Psychological Science Research Grant \$1,000 Role: Pl
2013	Harvard University Sackler Scholar in Psychobiology

	The neural mechanisms subserving distinct social cognitive strategies and their relation to daily social functioning in schizophrenia \$20,000 Role: PI
2012	National Institutes of Health Blueprint for Neuroscience Research Advanced Multimodal Neuroimaging Training Program Stipend, tuition, and fees covered Role: TA
2012	Harvard University Sackler Scholar in Psychobiology <i>Neurobiological endophenotypes for schizophrenia</i> \$19,000 Role: Pl
Mentored Fu	nding
2022	Discover Grant for Undergraduate Summer Research, University of Rochester \$5,000 Awarded to Daniella Deis (Undergraduate Student)
2022	Discover Grant for Undergraduate Summer Research, University of Rochester \$5,000 Awarded to Chenyuan Qu (Undergraduate Student)
2022-2025	F30 MH130104 Neurophysiology of social processing and underlying perceptual deficits in schizophrenia Awarded to Emily Przysinda (Graduate Student) Role: Co-Sponsor
2020-2021	American Psychological Association Graduate Students/Psi Chi Junior Scientist Fellowship <i>Using Motion Energy Analysis to Predict Romantic Relationship Quality and Long-Term</i> <i>Outcome</i> \$1,000 Awarded to Lisa Lin (Graduate Student)
2020-2021	The Love Consortium: Graduate Student Research Grants to Advance the Science of Love Using Motion Energy Analysis to Quantify Nonverbal Synchrony in Stranger Dyads During a Social Coordination Task \$10,000 Awarded to Lisa Lin (Graduate Student)

2020	Meliora Research Fellowship, University of Rochester \$3,000 Awarded to Shangzan Liu (Undergraduate Student) and Abhishek Saxena (Graduate
	Student)
2020	Discover Grant for Undergraduate Summer Research, University of Rochester \$1,000
	Awarded to Siddhant Iyer (Undergraduate Student)
2020	Discover Grant for Undergraduate Summer Research, University of Rochester \$1,000
	Awarded to Isabel Adeniji (Undergraduate Student)
2019	Discover Grant for Undergraduate Summer Research, University of Rochester \$1,000
	Awarded to Sanoelani-Lindsey Lanias (Undergraduate Student)

#### **PUBLICATIONS** (\* denotes student/trainee)

Google Scholar Profile: https://scholar.google.com/citations?user=Fnbr6U8AAAAJ&hl=en&oi=ao

- \*Saxena, A., & Dodell-Feder, D. (2022). Explaining the association between urbanicity and psychoticlike experiences in pre-adolescence: Examining the indirect effect of urban exposures. *Frontiers in Psychiatry*, 13:831089.
- Lincoln, S. H., Mukerji, C. M., Dodell-Feder, D., Ricco, A., & Hooker, C. I. (2021). The neural basis of social cognition in typically developing children and its relationship to social functioning. *Frontiers in Psychology*, 12:714176.
- Dodell-Feder, D., Tully, L. M., \*Dudek, E., & Hooker, C. I. (2021). The representation of mental state information in schizophrenia and first-degree relatives: A multivariate pattern analysis of fMRI data. *Social Cognitive and Affective Neuroscience*, *16*(6), 608-620.
- \*Dudek, E., & Dodell-Feder, D. (2021). The efficacy of real-time functional magnetic resonance imaging neurofeedback for psychiatric illness: A meta-analysis of brain and behavioral outcomes. *Neuroscience & Biobehavioral Reviews*, *121*, 291-306.
- Anderson, A. J., McDermott, K., Rooks, B., Heffner, K., Dodell-Feder, D., & Lin, F. (2020). Decoding individual identity from brain activity elicited in imagining common experiences. *Nature Communications*, 11, 5916.
- Li, L. Y., Cicero, D. C., Dodell-Feder, D., Germine, L., & Martin, E. A. (2021). Comparability of social anhedonia across epidemiological dimensions: A multinational study of measurement invariance of the Revised Social Anhedonia Scale. *Psychological Assessment*, 33(2), 171-179.

- Richardson, H., Gweon, H., Dodell-Feder, D., Malloy, C., Pelton, H., Keil, B., Kanwisher, N., & Saxe, R. (2020). Response patterns in the developing social brain are organized by social and emotion features and disrupted in children diagnosed with autism spectrum disorder. *Cortex*, 125, 12-29.
- \*Shovestul, B., \*Han, J., Germine, L., & Dodell-Feder, D. (2020). Risk factors for loneliness: The high relative importance of age versus other factors. *PLOS ONE*, *15*(2), e0229087.
- Dodell-Feder, D., \*Shovestul, B., \*Woodyatt, J., \*Popov, V., & Germine, L. (2020). Social anhedonia, social networks, and psychotic-like experiences: A test of social deafferentation. *Psychiatry Research*, 284, 112682.
- Dodell-Feder, D., Ressler, K. J., & Germine, L. (2020). Social cognition or social class and culture? On the interpretation of differences in social cognitive performance. *Psychological Medicine*, *50*(1), 133-145.
- Bowman, L. C., Dodell-Feder, D., Saxe, R., & Sabbagh, M. A. (2019). Continuity in the neural system supporting children's theory of mind development: Longitudinal links between taskindependent EEG and task-dependent fMRI. *Developmental Cognitive Neuroscience*, 40, 100705.
- Mukerji, C. E., Lincoln, S. H., Dodell-Feder, D., Nelson, C. A., & Hooker, C. I. (2019). Neural correlates of theory-of-mind are associated with variation in children's everyday social cognition. *Social Cognitive and Affective Neuroscience*, *14*(6), 579-589.
- Dodell-Feder, D., \*Saxena, A., Rutter, L., & Germine, L. T. (2019). The network structure of schizotypal personality traits in a population based sample. *Schizophrenia Research*, 208, 258-267.
- Rutter, L., Dodell-Feder, D., Vahia, I. V., Forester, B. P., Ressler, K. J., Wilmer, J. B., & Germine, L. T. (2019). Emotion sensitivity across the lifespan: Mapping clinical risk periods to facial emotion recognition ability in a large population-based sample. *Journal of Experimental Psychology: General.* 148(11), 1993-2005.
- Haut, K., Dodell-Feder, D., Guty, E., Nahum, M., & Hooker, C. I. (2019). Change in an objective measure of empathic accuracy following social cognitive training. *Frontiers in Psychiatry*, 10, 894.
- Dodell-Feder, D., & Tamir, D. (2018). Fiction reading has a small positive impact on social cognition: A meta-analysis. *Journal of Experimental Psychology: General*, 147(11), 1713-1727.
- Dodell-Feder, D., & Germine, L. T. (2018). Epidemiological dimensions of social anhedonia. *Clinical Psychological Science*, 6(5), 735-743.
- Dodell-Feder, D., & Germine, L. T. (2018). Common social cognitive impairments do not mean common causes: A commentary on Cotter et al. (2018). *Neuroscience & Biobehavioral Reviews*, *92*, 150-151.

- Mukerji, C. E., Lincoln, S. H., Tully, L. M., Dodell-Feder, D., Hooker, C. I. (2018). Neural simulation mechanisms and social-emotional functioning in schizophrenia. *Psychiatry Research: Neuroimaging*, 271, 34-42.
- Nook, E. C., Dodell-Feder, D., Hooley, J. M., DeLisi, L. E., & Hooker, C. I. (2018). Neural responses to criticism predict mood and positive symptoms following social conflict in people at familial risk for schizophrenia. *NeuroImage: Clinical*, *18*, 40-50.
- Dodell-Feder, D., Gates, A., Anthony, D., & Agarkar, S. (2017). Yoga for schizophrenia: A review of efficacy and neurobiology. *Current Behavioral Neuroscience Reports*, 4(3), 209-220.
- Dodell-Feder, D., Felix, S., Yung, M., & Hooker, C. I. (2016). Theory-of-mind-related neural activity for one's romantic partner predicts partner well-being. *Social Cognitive and Affective Neuroscience*, *11*(4), 593-603.
- Tamir, D. I., Bricker, A. B., Dodell-Feder, D., & Mitchell, J. P. (2016). Reading fiction and reading minds: The role of simulation in the default network. *Social Cognitive and Affective Neuroscience*, 11(2), 215-224.
- Dodell-Feder, D., Tully, L. M., & Hooker, C. I. (2015). Social impairment in schizophrenia: New approaches for treating a persistent problem. *Current Opinion in Psychiatry*, 28(3), 236-242.
- Dodell-Feder, D., DeLisi, L. E., & Hooker, C. I. (2014). Neural disruption to theory of mind predicts daily social functioning in individuals at familial high-risk for schizophrenia. *Social Cognitive and Affective Neuroscience*, *9*(12), 1914-1925.
- Jenkins, A. C., Dodell-Feder, D., Saxe, R., & Knobe, J. (2014). The neural bases of directed and spontaneous mental state attributions to group agents. *PLOS ONE*, *9*(8), e105341.
- Hooker, C. I., Carol, E., Eisenstein, T. J., Yin, H., Lincoln, S. H., Tully, L. M., Dodell-Feder, D., Nahum, M., Keshavan, M., & Seidman, L. (2014). A pilot study of cognitive training in clinical high risk for psychosis: Initial evidence of cognitive benefit. *Schizophrenia Research*, 157, 314-316.
- Dodell-Feder, D., DeLisi, L. E., & Hooker, C. I. (2014). The relationship between default mode network connectivity and social functioning in individuals at familial high-risk for schizophrenia. *Schizophrenia Research*, 156(1), 87-95.
- Dodell-Feder, D., Tully, L. M., Lincoln, S. H., & Hooker, C. I. (2014). The neural basis of theory of mind and its relationship to social functioning and social anhedonia in individuals with schizophrenia. *NeuroImage: Clinical*, *4*, 154-163.
- Dodell-Feder, D., Lincoln, S. H., Coulson, J. P., & Hooker, C. I. (2013). Using fiction to assess mental state understanding: A new task for assessing theory of mind in adults. *PLOS ONE*, *8*(11), e81279.

- Redcay, E., Dodell-Feder, D., Mavros, P. L., Kleiner, M., Pearrow, M. J., Gabrieli, J. D. E., & Saxe, R.
   (2013). Atypical brain activation patterns during a face-to-face joint attention game in adults with autism spectrum disorders. *Human Brain Mapping*, 34(10), 2511-2523.
- Gweon, H., Dodell-Feder, D., Bedny, M., & Saxe, R. (2012). Theory of mind performance in children correlates with functional specialization of brain regions recruited for thinking about thoughts. *Child Development*, *86*(3), 1853-1868.
- Bedny, M., Pascual-Leone, A., Dodell-Feder, D., Fedorenko, E. A., & Saxe, R. (2011). Language processing in the occipital cortex of congenitally blind adults. *Proceedings of the National Academy of Sciences*, 108(11), 4429-4434.
- Dodell-Feder, D., Koster-Hale, J., Bedny, M., & Saxe, R. (2011). fMRI item analysis in a theory of mind task. *NeuroImage*, 55(2), 705-712.
- Young, L., Dodell-Feder, D., & Saxe, R. (2010). What gets the attention of the temporo-parietal junction? An fMRI investigation of attention and theory of mind. *Neuropsychologia*, 48(9), 2658-2664.
- Redcay, E., Dodell-Feder, D., Pearrow, M. J., Mavros, P. L., Kleiner, M., Gabrieli, J. D. E., & Saxe, R. (2010). Live face-to-face interaction during fMRI: A new tool for social cognitive neuroscience. *NeuroImage*, 50(4), 1639-1647.

#### PREPRINTS

\*Shovestul, B., \*Saxena, A., \*Reda, S., \*Dudek, E., \*Wu, C., Lamberti, J. S., MD, & Dodell-Feder, D. (2022, May 17). Social affective forecasting and social anhedonia in schizophrenia-spectrum disorders: A daily diary study. https://doi.org/10.31234/osf.io/scvhn

#### WORKING MANUSCRIPTS

- Haut, K., Yin, H., Carol, E. E., Lincoln, S. H., Tully, L. M., Dodell-Feder, D., Keshavan, M., Seidman, L. J., & Hooker, C. I. (2021). Frontal-temporal function during working memory improves after cognitive training in clinical high risk for psychosis. Manuscript submitted for publication.
- Patel, S. E. V., Haut, K., \*Guty, E., Dodell-Feder, D., \*Saxena, A., Nahum, M., & Hooker, C. I. (2021). Social cognition training improves recognition of distinct facial emotions and decreases misattribution errors in healthy individuals: a double-blind modified block-randomized controlled pilot study. Manuscript in preparation.
- \*Shovestul, B., \*Saxena, A., \*Reda, S., \*Dudek, E., \*Wu, C., Lamberti, J. S., & Dodell-Feder, D. (2021). Social affective forecasting and social anhedonia in schizophrenia-spectrum disorders: A daily diary study. Manuscript in preparation.
- \*Saxena, A., & Dodell-Feder, D. (2021). Environmental risk factors for psychotic-like experiences in the Adolescent Brain Cognitive Development (ABCD) dataset. Manuscript in

preparation.

- \*Saxena, A., & Dodell-Feder, D. (2021). A systematic review and meta-analysis of discrepancies in psychosis outcomes experienced by sexual and gender minorities. Manuscript in preparation.
- \*Saxena, A., \*Liu, S., & Dodell-Feder, D. (2021). The impact of social victimization on psychotic-like experiences through disrupted neural circuitry for emotion processing. Manuscript in preparation.
- Haut, K., Yin, H., Carol, E. E., Lincoln, S. H., Tully, L. M., Dodell-Feder, D., Keshavan, M., Seidman, L. J., & Hooker, C. I. (2020). Targeted social cognitive training alters the affect processing network in individuals at high risk for psychosis. Manuscript in preparation.
- \*Saxena, A., \*Shovestul, B., \*Dudek, E., \*Reda, S., Ventakamaran, A., Lamberti, J. S., & Dodell-Feder, D. (2022). Acquired control of the theory-of-mind network after real-time fMRI neurofeedback. Manuscript in preparation.

#### **BOOK CHAPTERS**

 Black, J. E., Barnes, J. L., Oatley, K., Richter, T., Tamir, D. I., Dodell-Feder, D., Richter, T., & Mar, R. (2021). Stories and their role in social cognition. In D. Kuiken and A. M. Jacobs (Eds.), *Handbook of Empirical Literary Studies* (pp. 229-250). De Gruyter. https://doi.org/10.1515/9783110645958

#### **INVITED TALKS**

2019	National Alliance on Mental Illness - New York State (NAMI-NYS) Education
	Conference
2017	Pomona College, Department of Psychology
2017	NewYork-Presbyterian Hospital/Weill Cornell Medical Center, Department of
	Psychiatry
	Grand Rounds
2017	NewYork-Presbyterian Hospital/Weill Cornell Medical Center, Psychotic Disorders
	Program
2016	University of Rochester, Department of Clinical and Social Sciences in Psychology

#### TEACHING

#### Graduate

*Neurobiological Foundations of Behavior*, University of Rochester Spring 2020

*Theoretical and Empirical Foundations of Psychotherapy*, University of Rochester Spring 2019, Fall 2018, Fall 2019, Fall 2020

*Workshop in Meta-Analysis*, University of Rochester Spring 2019

#### Undergraduate

*Social Neuroscience*, University of Rochester Spring 2019, Spring 2020, Spring 2021

Schizophrenia and Psychosis, University of Rochester Spring 2021

Social Cognition & Psychopathology Laboratory Course, University of Rochester 2018-current

#### **RESEARCH MENTORING**

#### **Doctoral Students**

2019-	Lisa Lin, Clinical Psychology, Department of Psychology, University of Rochester
2018-	Abhishek Saxena, Clinical Psychology, Department of Psychology, University of
	Rochester
2018-	Bridget Shovestul, Clinical Psychology, Department of Psychology, University of
	Rochester

#### M.D./Ph.D. Students

2019- Emily Przysinda, Department of Neuroscience, University of Rochester Medical Center

#### **Masters Students**

2018- Victoria Popov, Biomedical Sciences and Psychology, National Technical Institute for the Deaf Rochester Institute of Technology, University of Rochester

#### **Ph.D.** Committees

- 2021 Ana Vellajo Sefair, Department of Psychology, University of Rochester
- 2021 Irina Li, Department of Psychology, University of Rochester
- 2018 Stephen Ferrigno, Department of Brain and Cognitive Sciences, University of Rochester

#### **Clinical Comprehensive Exam Committees**

- 2021 Andy Ross, Department of Psychology, University of Rochester
- 2021 Lisa Lin, Department of Psychology, University of Rochester
- 2020 Abhishek Saxena, Department of Psychology, University of Rochester
- 2020 Bridget Shovestul, Department of Psychology, University of Rochester

2020	Carson Kautz-Turnbull, Department of Psychology, University of Rochester
2019	AJ Pollard, Department of Psychology, University of Rochester
2018	Jaclyn Kearns, Department of Psychology, University of Rochester

#### **Undergraduate Research Honors Students**

2022	Mars Scharf, Department of Psychology, University of Rochester
2021	Siddhant Iyer, Department of Brain & Cognitive Sciences, University of Rochester

#### SERVICE

#### **Ad Hoc Journal Reviewer**

Affective Science • Aging and Mental Health • Anxiety, Stress, & Coping • BMC Psychiatry • Behavioral and Brain Sciences • Biological Psychiatry • Biological Psychiatry: Cognitive Neuroscience & Neuroimaging • Brain and Cognition • Brain Sciences • Clinical and Experimental Pharmacology and Physiology • Clinical Psychological Science • Cognition • Cognitive, Affective, and Behavioral • Cortex • Current Directions in Psychological Science • Developmental Cognitive Neuroscience • Early Intervention in Psychiatry • Emotion • Frontiers in Psychology • Frontiers in Psychiatry • Human Brain Mapping • International Journal of Environmental Research and Public Health • International Journal of Methods in Psychiatric Research • Journal of Abnormal Psychology • Journal of Affective Disorders • Journal of Business Ethics • Journal of Experimental Child Psychology • Journal of Experimental Psychology: General • Journal of Memory and Language • Journal of Nervous and Mental Disease • Journal of Personality and Social Psychology • npj Schizophrenia • Journal of Personality Assessment • Journal of Psychiatric Research • Language, Cognition, and Neuroscience • NeuroImage • Neuropsychologia 

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• Neuroscience 
• Neuroscience 
& Biobehavioral Reviews • PLOS ONE • Poetics • Psychiatry Research • Psychiatry Research: Neuroimaging • Psychological Medicine • Psychological Research • Psychology of Aesthetics, Creativity, and the Arts • Psychopathology • Quarterly Review of Experimental Psychology • Review of General Psychology • Review of Education Research • Schizophrenia • Schizophrenia Bulletin • Schizophrenia Research • 

#### **Grant Reviews**

Medical Research Council Del Monte Institute for Neuroscience Pilot Program Austrian Science Fund (FWF) Swiss National Science Foundation

#### **University Service**

2022 Discover Grant Reviewer, University of Rochester
2020 Sproull Fellowship Reviewer, University of Rochester
2018- Committee for Individualized Interdepartmental Programs, University of Rochester
2018- Department Climate Committee, Department of Psychology, University of Rochester

#### **CLINICAL EXPERIENCE**

Licensed as a Psychologist in New York State (#023465)

2016-2017	Clinical Psychology Intern Cornell Cognitive Therapy Clinic, Psychotic Disorders Program, Program for Anxiety and Traumatic Stress Studies, Neuropsychology Service, Psychiatry Emergency Department NewYork-Presbyterian Hospital/Weill Cornell Medical Center
2014-2015	Extern Center for Early Detection, Assessment & Response to Risk Massachusetts Mental Health Center/Beth Israel Deaconess Medical Center
2013-2014	Extern Bipolar Clinic and Research Program Massachusetts General Hospital
2012-2013	Extern Adolescent Dialectical Behavior Therapy Residential Program McLean Hospital
2011-2012	Extern Prevention and Recovery in Early Psychosis Program Beth Israel Deaconess Medical Center
2011	Extern Inpatient Adult and Child Psychiatry Cambridge Hospital
2010-2016	Clinical Interviewer and Neuropsychological Assessor Harvard University

# **Specialized Training**

2022	Structured Interview for Psychosis-Risk Syndromes (SIPS) Certified Assessor University of Rochester Medical Center
2016	CBT for Psychosis

NewYork-Presbyterian Hospital/Weill Cornell Medical Center