

# Jeffrey N. Motter

## Curriculum Vitae

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### Academic Appointments, Hospital Appointments, and Other Work Experience

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<b>10/1/2022 – Present</b>	<b>Department of Psychiatry, Columbia University Irving Medical Center</b> Assistant Professor of Clinical Psychology (in Psychiatry)	<b>New York, NY</b>
<b>10/1/2022 – Present</b>	<b>Division of Geriatric Psychiatry, New York State Psychiatric Institute</b> Research Scientist IV	<b>New York, NY</b>
<b>01/2014 – 05/2018</b>	<b>Department of Psychology, Queens College, CUNY</b> Adjunct Lecturer	<b>Queens, NY</b>
<b>01/2011 – 05/2013</b>	<b>Department of Psychology, Pennsylvania State University</b> Research Assistant	<b>University Park, PA</b>

### Education

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<b>08/2013 – 09/2019</b>	<b>The Graduate Center, City University of New York</b> PhD, September 2019 Thesis title: Clinical characteristics and neuroanatomical predictors of acute antidepressant response for patients with comorbid depression and mild cognitive impairment Advisor: Joel R. Sneed, PhD	<b>New York, NY</b>
<b>08/2013 – 05/2016</b>	<b>Queens College, City University of New York</b> MA, May 2016	<b>Queens, NY</b>
<b>08/2009 – 05/2013</b>	<b>Pennsylvania State University</b> BS, May 2013	<b>University Park, PA</b>

### Training

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<b>10/2019 – 09/2022</b>	<b>Department of Psychiatry, Columbia University Irving Medical Center</b> T32 Post-Doctoral Research Fellow	<b>New York, NY</b>
<b>08/2018 – 08/2019</b>	<b>John D. Dingell VA Medical Center</b> Neuropsychology Intern	<b>Detroit, MI</b>
<b>07/2017 – 07/2018</b>	<b>Comprehensive Epilepsy Center, NYU Langone Medical Center</b> Neuropsychology Extern	<b>New York, NY</b>



## Fellowships and Grant Support

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### Present Support:

**2/2023 – 01/2028 Odor memory and functional neuroimaging in cognitively impaired older adults and Alzheimer's disease**  
 Granting agency: National Institute on Aging  
 Grant number: 1K23AG076872-01A1  
 Direct costs: \$902,952  
 Role: PI

### Past Support:

**07/2022 – 06/2023 Robert Katzman, MD Clinical Research Training Scholarship in Alzheimer's and Dementia Research**  
 Granting agency: Alzheimer's Association, American Brain Foundation, and American Academy of Neurology  
 Direct costs: \$75,000  
 Role: PI

**10/2019 – 09/2022 Research Training in Late-Life Neuropsychiatric Disorders**  
 Granting agency: National Institute of Mental Health  
 Grant number: 5T32MH020004-24  
 Direct costs: \$315,104  
 Role: Trainee (PI: Patrick J. Brown, PhD)

**06/2017 – 05/2018 Doctoral Student Research Grant**  
 Granting agency: The Graduate Center, CUNY  
 Direct costs: \$1500  
 Role: PI

**08/2017 – 07/2018 University Fellowship Award**  
 Granting agency: The Graduate Center, CUNY  
 Direct costs: \$1000  
 Role: Recipient

**09/2017 – 08/2018 Psychology Travel Award**  
 Granting agency: The Graduate Center, CUNY  
 Direct costs: \$1200  
 Role: Recipient

**08/2013 – 07/2018 Tuition Fellowship**  
 Granting agency: The Graduate Center, CUNY  
 Direct costs: \$75000  
 Role: Recipient

### Pending Support:

**10/2023 – 9/2024 Neural mechanisms of odor recognition memory in dementia**  
 Granting agency: Alzheimer's Association and Foundation of the American Society of Neuroradiology  
 Direct costs: \$200,000  
 Role: PI

## Educational Contributions

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### Direct Teaching:

**01/2014 – 05/2018 Adjunct lecturer courses, Queens College, City University of New York**

Neuroscience of Memory – sections taught: 2, enrollment: 20, contact hours: 3 weekly

Psychometrics – sections taught: 2, enrollment: 50, contact hours: 3 weekly

Introduction to Statistical Methods – sections taught: 8, enrollment: 50, contact hours: 3 weekly

Statistical Methods Lab – sections taught: 5, enrollment: 25, contact hours: 2 weekly

## Publications

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### Peer-Reviewed Research Publications:

- Motter, J.N.**, Choi, J., Lee, S., Goldberg, T.E., Albert, S., Devanand, D.P. (2023). Association of Performance on Olfactory and Cognitive Screening Tests With Conversion to Dementia in a Biracial Cohort of Older Adults. *Neurology*. doi: 10.1212/WNL.0000000000207578
- Motter, J.N.**, Rushia, S.N., Qian, M., Ndouli, C., Nwosu, A., Petrella, J.R., Doraiswamy, P.M., Goldberg, T.E., Devanand, D.P. (2023). Expectancy Does Not Predict 18-month Treatment Outcomes with Cognitive Training in Mild Cognitive Impairment. *J Prev Alz Dis*. doi: 10.14283/jpad.2023.62
- Choi, J., Lee, S., **Motter, J.N.**, Andrews, H., Doraiswamy, P.M., Devanand, D.P., & Goldberg, T.E. (2022) Models of Depressive Pseudodementia. *Alzheimer's Dement*. doi: 10.1002/trc2.12335
- Motter, J.N.**, Lee, S., Sneed, J.R., Doraiswamy, P.M., Pelton, G.H., Petrella, J.R., Devanand, D.P. (2021) Cortical thickness predicts remission of depression with antidepressants in patients with late-life depression and cognitive impairment. *Journal of Affective Disorders*. doi: 10.1016/j.jad.2021.08.062
- Egglefield, D.A., Schiff, S., **Motter, J.N.**, Grinberg, A., Rutherford, B.R., & Sneed, J.R. (2021). Cortical thickness and hippocampal volume in vascular and non-vascular depressed patients. *Front Psychiatry*. doi: 10.3389/fpsy.2021.697489
- Grinberg, A., Egglefield, D.A., Schiff, S., **Motter, J.N.**, Sneed, J.R. (2021) Computerized Cognitive Training: A Review of Mechanisms, Methodological Considerations, and Application to Research in Depression. *Journal of Cognitive Enhancement*. doi: 10.1007/s41465-021-00209-4
- Schiff, S., Egglefield, D.A., **Motter, J.N.**, Grinberg, A., Rushia, S.N., Rutherford, B.R., Sneed, J.R. (2021). Who benefits from computerized cognitive training? Lower processing speed predicts greater cognitive improvement. *Journal of Affective Disorders Reports*. doi: 10.1016/j.jadr.2021.100149
- Motter, J.N.**, Liu, X., Cohen, H.R., & Devanand, D.P. (2021). Odor Identification Impairment and Cholinesterase Inhibitor Treatment in Alzheimer's Disease. *Alzheimer's Dement Diagnosis Assess Dis Monit*. doi: 10.1002/dad2.12158
- Steffener, J., **Motter, J.N.**, Tabert, M.H., & Devanand, D.P. (2021). Odorant-induced brain activation as a function of normal aging and Alzheimer's disease: a preliminary study. *Behav. Brain Res*. doi: 10.1016/j.bbr.2020.113078
- Rushia, S.N., Shehab, A.A., **Motter, J.N.**, Egglefield, D.A., Schiff, S., Sneed, J.R., & Garcon, E. (2020). Vascular depression for radiology: A review of the construct, methodology, and diagnosis. *World Journal of Radiology*. doi: 10.4329/wjr.v12.i5.48
- Rushia, S.N., Schiff, S., Egglefield, D.A., **Motter, J.N.**, Grinberg, A., Saldana, D.G., Shehab, A.A., Fan, J., & Sneed, J.R. (2020). Testing the mechanism of action of computerized cognitive training in young adults with depression: Protocol for a blinded, randomized, controlled treatment trial. *Journal of Psychiatry and Brain Science*. doi: 10.20900/jpbs.20200014
- Dana, K., Finik, J., Koenig, S., **Motter, J.N.**, Zhang, W., Linaris, M., Brumberg, J.C., & Nomura, Y. (2019

Prenatal Exposure to Famine and Risk for Development of Psychopathology in Adulthood: A Meta-Analysis. *Journal of Psychiatry and Psychiatric Disorders*. doi: 10.26502/jppd.2572-519X0077

- Motter, J.N.\***, Grinberg, A.\*, Lieberman, D.H., Iqnaibi, W.B., & Sneed, J.R. (2019) Computerized cognitive training in young adults with depressive symptoms: effects on mood, cognition, and everyday functioning. *Journal of Affective Disorders*. doi: 10.1016/j.jad.2018.10.109
- Motter, J.N.**, Pelton, G.H., D'Antonio, K., Rushia, S.N., Pimontel, M.A., Petrella, J.R., Garcon, E., Ciovacco, M.W., Sneed, J. Doraiswamy, P.M., & Devanand, D.P. (2018). Clinical and radiological characteristics of early versus late mild cognitive impairment in patients with comorbid depressive disorder. *Int J Geriatr Psychiatry*. doi: 10.1002/gps.4955
- Motter, J.N.**, Devanand, D.P., Doraiswamy, P. M., & Sneed, J.R. (2016). Clinical Trials to Gain FDA Approval for Computerized Cognitive Training: What Is the Ideal Control Condition? *Front Aging Neurosci*. doi: 10.3389/fnagi.2016.00249
- Motter, J.N.**, Pimontel, M.A., Rindskopf, D., Devanand, D.P., Doraiswamy, P.M., & Sneed, J.R. (2016). Computerized cognitive training and functional recovery in major depressive disorder: A meta-analysis. *Journal of Affective Disorders*. doi: 10.1016/j.jad.2015.09.022
- Motter, J.N.**, Devanand, D.P., Doraiswamy, P.M., & Sneed, J.R. (2015). Computerized cognitive training for major depressive disorder: what's next? *Front Psychiatry*. doi: 10.3389/fpsyt.2015.00137

\*=authors contributed equally

#### Abstracts/Posters/Presentations:

- Motter, J.N.**, Choi, J., Lee, S., Goldberg, T.E., Albert, S., & Devanand, D.P. (2022). Intact performance on brief olfactory and cognitive tests predicts lack of transition to dementia in a biracial sample of older adults. Poster presentation at Alzheimer's Association International Conference, San Diego, CA.
- Motter, J.N.**, Steffener, J., Tabert, M.H., & Devanand, D.P. (2020). Odorant-induced brain activation as a function of normal aging and Alzheimer's disease. Poster presentation at Alzheimer's Association International Conference, Virtual Event.
- Rushia, S.N., **Motter, J.N.**, Sneed, J.R., Doraiswamy, P.M., & Devanand, D.P. (2018). Do demographics matter? Change after antidepressant treatment in depression and cognitive impairment. Poster presentation at Gerontological Society of America Annual Scientific Meeting, Boston, MA.
- Shpigel, D.M., Lalani, S., Mercedes, E., Estey, D.R., Rabin, S., Birchwale, J.T., Sullivan, D., **Motter, J.N.**, De La Fuente, A. & Weinberger, A.H. (2018). Psychosocial Stressors and Smoking among Latino and African American Adults with Psychiatric Illness. Poster presentation at the Physician Affiliate Group of New York, P.C. (PAGNY Research Day), Lincoln Medical Center, Bronx, NY.
- Motter, J.N.**, Grinberg, A., & Sneed, J.R. (2018). Neurocognitive impairments and remediation in youth depression: effects on mood, processing speed, and everyday functioning (Motter, J.N., Allot, K., & Goodall, J., Co-Chairs). Symposium presentation at the World Psychiatric Association Annual Meeting, Melbourne, Australia.
- Motter, J.N.**, Sneed, J.R., Doraiswamy, P.M., & Devanand, D.P. (2018). Cortical thickness predicts antidepressant outcome in patients with late life depression and cognitive impairment. Poster presentation at Psychology Research Day, The Graduate Center, New York, NY.
- Grinberg, A., **Motter, J. N.**, Lieberman, D.H., Iqnaibi, W.B., & Sneed, J. R. (2018) Computerized

cognitive training in young adults with depressive symptoms: effects on mood, cognition, and everyday functioning. Poster presentation at Psychology Research Day, The Graduate Center, New York, NY.

**Motter, J. N.,** Sneed, J. R., Doraiswamy, P. M., & Devanand, D. P. (2017). Neuroanatomical predictors of acute antidepressant treatment response in late life depression with cognitive impairment. Oral presentation at Queens College Colloquium, Queens College, Flushing, NY.

**Motter, J.N.,** Grinberg, A., & Sneed, J.R. (2017). Mobile Cognitive Training for Young Adults with Depressive Symptoms. Oral presentation at Cognitive Remediation in Psychiatry, New York, NY.

**Motter, J. N.,** Sneed, J. R., Doraiswamy, P. M., & Devanand, D. P. (2015). Baseline Characteristics of a Combination Treatment Trial for Mild Cognitive Impairment with Depression. Oral presentation at Neuropsychology Research Day, Queens College, Queens, NY.

Saldana, D., **Motter, J.N.,** Sneed, J.R. (2015). The neuropsychology of chess: Sometimes a pawn is just a pawn. Oral Presentation at Neuropsychology Research Day, Queens College, Queens, NY,

**Motter, J.N.,** Pimontel, M.A., Rutherford, B.R., Brown, P.J., Roose, S.P., Devanand, D.P., Doraiswamy, P.M., Kesler, S.R., Sneed, J.R. (2015). Meta-Analysis of Cognitive Training for the Treatment of Depressed Adults. Poster presentation at Cognitive Remediation in Psychiatry, New York, NY.

**Motter, J.N.** (2012). The Imagability of End-State Comfort. Oral presentation at Psi Chi Annual Research Conference, Pennsylvania State University, State College, PA.