MEGHAN L. MEYER

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EMPLOYMENT

2023-Present	Assistant Professor of Psychology, Columbia University
2017-2022	Assistant Professor of Psychological and Brain Sciences, Dartmouth College
2015-2017	Postdoctoral Scholar, Princeton University
2014-2015	Postdoctoral Scholar, UCLA
2006-2008	Research Assistant, Stanford University

EDUCATION

2008-2014	Ph.D., Psychology, UCLA
2004-2006	M.A., Cognitive Science, École Normale Supérieure
2001-2004	B.A., Psychology, Emory University

RESEARCH FUNDING

2023-2028. NSF CAREER; *The role of the resting brain in stereotyping and stereotype change* (PI). $995,157.

2022-2025. NSF 2220801; *The cognitive mechanisms of support-giving* (Co-PI). $573,810.

2021-2026. NIH R01MH125406; *Using the brain to reveal mental representations of subjective connection* (PI). $2,297,861.

2021-2022. Character Lab Research Network; *Social working memory development in adolescence* (PI). $6,250.

2018-2023. NIH 1R01HD092604; *The relation of genetic factors, food cues, and self-regulation with excess consumption and adiposity in children* (Co-I). $3,275,000.

2018-2019. Dartmouth SYNERGY Clinical and Translational Science Institute Pilot Grant; *Neurocognitive Mechanisms of Poor Social Connection in PTSD* (Co-PI). $44,697.

2017-2021.
Dartmouth Walter and Constance Burke Research Initiation Award; *Brain mechanisms of social learning during rest* (PI). $25,777.44

HONORS & AWARDS

Experiential Learning Mini-Grant, Dartmouth Center for the Advancement of Learning, 2020
Association for Psychological Science (APS) Rising Star Award, 2019
Society for Personality & Social Psychology (SPSP) Emotion Preconference Poster Award, 2015
Shelley E. Taylor Dissertation Award, UCLA Psychology, 2014
International Cultural Neuroscience Consortium (ICNC) Travel Award, 2013
Ruth L. Kirschstein NRSA, Predoctoral Fellowship, National Institutes of Health-NIMH, 2012
Harold H. Kelley Award for Best Basic Science Research Paper, UCLA, 2012
UCLA Advanced Neuroimaging Summer Training Fellowship, 2012
fMRI Training Course Fellowship, University of Michigan, 2011
National Science Foundation East Asia and Pacific Summer Institute Fellowship, 2010
UCLA Graduate Summer Research Mentorship Fellowship, 2009-2011

PUBLICATIONS

Underlined authors indicate current or former trainees.

In prep:

51. Wu, E., Brietzke, S., Philips, J. & **Meyer, M. L.** (in prep). Forgiveness updates negative interpersonal memories to be less threatening.

50. Silver, B., **Meyer, M. L.**, Davachi, L., & Ochsner, K. (in prep). Did I really used to be like that?: Self-views and memory across the 2020 U.S. presidential election.

49. Geisler, D. & **Meyer, M. L.** (in prep). Identifying a neural signature that predicts self-focus.

48. Bhatt, D., Huckins, J., Campbell, A., & **Meyer, M. L.** (in prep). Time spent in conversation over meals predicts default network function: Evidence from a passive mobile-sensing and fMRI study.

Under review:

47. Welker, C., Wheatley, T., Grace C., Gorman, C. & **Meyer, M. L.** (under review). Personalities converge during enjoyable conversation.

46. Brietzke, S. & **Meyer, M. L.** (under review). Get out of my head: social evaluative brain states carry over into post-evaluation rest and promote learning what others think of us.

45. Jimenez, C. & **Meyer, M. L.** (under review). Dorsomedial prefrontal cortex prioritizes social learning during rest.

44. Broom, T., Iyer, S., Courtney, A., & **Meyer, M. L.** (under review). Keeping up with others' perceptions of the Kardashians: Lonely individuals' neural representations and language use do not reflect the cultural zeitgeist.

Published:

43. Iyer, S., Collier, E., Finn, E. S. & **Meyer, M. L.** (in press). Individuals who see the good in the bad engage distinctive default network coordination during post-encoding rest. *Proceedings of the National Academy of Sciences.*

42. **Meyer, M. L.** (2023). Don't you forget about me: The importance of studying the brain basis of real-world interpersonal memory. *Journal of Cognitive Neuroscience, 35*(2), 149-157.

41. Orwig, W., Setton, R., Bueicheku, E., **Meyer, M. L.**, Tamir, D. I., Sepulcre, J., & Schacter, D. L. (2023) Creativity at rest: Exploring brain network architecture of creative experts, *Network Neuroscience.* https://doi.org/10.1162/

40. Yeum, D., Jimenez, C. A., Emond, J. A., **Meyer, M. L.**, Lansigan, R. K., Carlson, D. D., ... & Masterson, T. D. (2023). Differential neural reward reactivity in response to food advertising medium in children. *Frontiers in Neuroscience*, *17*, 1052384.

39. Huber, C., Brietzke, S., Inagaki, T. K., & **Meyer, M. L.** (2022). Prejudice during the COVID-19 pandemic: feelings toward American and Chinese nationals. *Scientific Reports, 12*(22278).

38. Wang, W., Nepal, S., Huckins, J., Hernandez, L., Vojdanovski, V., Mack, D., Plomp, J., Obuchi, M., DaSilva, A. Murphy, E., Hedlund, E., Rogers, C., **Meyer, M. L.**, & Campbel, A. (2022). First-Gen Lens: Assessing Mental Health of First-Generation Students across Their First Year at College Using Mobile Sensing. *Proceedings of the ACM on Interactive Mobile Wearable and Ubiquitous Technologies, 6*(2):1-32, http://10.1145/3543194

37. Nepal, S., Wang, W., Vojdanovski, V., Huckins, J. F., daSilva, A., **Meyer, M.L.**, & Campbell, A. (2022). COVID Student Study: A Year in the Life of College Students during the COVID19 Pandemic Through the Lens of Mobile Phone Sensing. In *CHI Conference on Human Factors in Computing Systems*, New York, NY, USA, https://doi.org/10.1145/3491102.3502043

36. Brietzke, S., & **Meyer, M. L.** (2021). Temporal self-compression: Behavioral and neural evidence that past and future selves are compressed as they move away from the present. *Proceedings of the National Academy of Sciences, 118*(49), e2101403118.

35. daSilva, A., Huckins, J. F., Wang, W., Wang, R., Campbell, A. T., & **Meyer, M. L.** (2021). Daily perceived stress predicts less next day social interaction in humans: Evidence from a naturalistic mobile sensing study. *Emotion, 21*(8), 1760-1770.

34. Mack, D., DaSilva, A., Rogers, C., Hedlund, E., Murphy, E., Vojdanovski, V., Plomp, J., Wang, W., Nepal, S., Holtzheimer, P., Wagner, D., Jacobson, N., **Meyer, M. L.**, Campbell, A. T., & Huckins, J. G. (2021). Mental health and behavior of college students in the COVID-19 pandemic: A longitudinal mobile smartphone and ecological momentary assessment study - Part II. *Journal of Medical Internet Research, 23*(6):e28892.

33. Sippel, L. M., Holzheimer, P. E., Huckins, J. F., Collier, E., Feilong, M., Wheatley, T., & **Meyer, M. L.** (2021). Neurocognitive mechanisms of poor social connection in PTSD: Evidence for abnormalities in social working memory. *Depression & Anxiety, 38*(6), 615-625.

32. Hazlett, L. I., Moieni, M., Irwin, M. R., Haltom, K. E. B., Jevtic, I., **Meyer, M. L.**, Breen, E. C., Cole, S. W., & Eisenberger, N. I. (2021). Exploring neural mechanisms of the health benefits of gratitude in women: A randomized controlled trial. *Brain, Behavior, & Immunity, 95*, 444-453.

31. Courtney, A. L., & **Meyer, M. L.** (2020). Self-other representation in the social brain reflects social connection. *Journal of Neuroscience, 40*(29), 5616-5627.

30. Inagaki, T., Brietkze, S., & **Meyer, M. L.** (2020). The resting brain sets support-giving in motion: dorsomedial prefrontal cortex (DMPFC) activity during momentary rest primes supportive responding. *Cerebral Cortex Communications, 1*(1), tgaa081.

29. Huckins, J., DaSilva, A., Wang, W., Hedlund, E.L., Rogers, C., Nepal, S. K., Wu, J., Obuchi, M., Murphy, E. I., **Meyer, M. L.**, Wagner, D. D., Holtzheimer, P.E., & Campbell, A. T. (2020). Mental health and behavior during the early phases of the COVID-19 pandemic: A longitudinal mobile smartphone and ecological momentary assessment study in college students. *Journal of Medical Internet Research, 22*(6), e20185.

28. <u>Collier, E.</u>, & **Meyer, M. L.** (2020). Memory of others' disclosures is consolidated during rest and associated with providing support: neural and linguistic evidence. *Journal of Cognitive Neuroscience, 32*(9), 1672-1687.

27. **Meyer, M. L.** & <u>Collier, E.</u> (2020). Theory of Mind*s*: Managing mental state inferences in working memory is associated with the dorsomedial subsystem of the default network and social integration. *Social Cognitive and Affective Neuroscience, 15*(1), 63-73.

26. **Meyer, M. L.** (2019). Social by default: Characterizing the social functions of the resting brain. *Current Directions in Psychological Science, 28*(4), 380-386.

25. Inagaki, T., & **Meyer, M. L.** (2019). Individual differences in resting state connectivity and giving social support: Implications for health. *Social Cognitive and Affective Neuroscience.* doi: 10.1093/scan/nsz052.

24. **Meyer, M. L.**, Hershfield, H. E., Waytz, A. G., Mildner, & Tamir, D. I. (2019). Creative expertise is associated with transcending the here and now. *Journal of Personality and Social Psychology: Innovations in Social Psychology Designation, 16*(4), 483-494.

23. **Meyer, M. L.**, Zhao, Z. & Tamir, D. I. (2019). Simulating other people changes the self. *Journal of Experimental Psychology: General, 148*(11), 1898-1913.

22. Lieberman, M. D., Straccia, M. A., **Meyer, M. L.**, Du, M., & Tan, K. M. (2019). Social, Self, Situational, and Affective Processes in Medial Prefrontal Cortex (MPFC): Causal, Multivariate, and Reverse Inference Evidence. *Neuroscience and Biobehavioral Reviews, 99*, 311-328.

21. **Meyer, M. L.**, Davachi, L., Ochsner, K. N., & Lieberman, M. D. (2019). Evidence that default network connectivity during rest consolidates social information. *Cerebral Cortex, 29*(5), 1910-1920.

20. Moieni, M., Irwin, M. R., Haltom, K. E. B., Jevtic, I., **Meyer, M. L.,** Breen, E. C., Cole, S. W., & Eisenberger, N. I. (2019). Exploring the role of gratitude and support-giving on inflammatory outcomes. *Emotion, 19*(6), 939-949.

19. Tabak, B. A., Teed, A., Castle, E., Dutcher, J. M., **Meyer, M. L.**, Bryan, R., Irwin, M. R., Lieberman, M.D., & Eisenberger, N. I., (2019). Null results of oxytocin and vasopressin administration across a range of social cognitive and behavioral paradigms: Evidence from a randomized controlled trial. *Psychoneuroendocrinology, 107,* 124-132.

18. **Meyer, M. L.**, & Lieberman, M. D. (2018). Why people are always thinking about themselves: Medial prefrontal cortex (MPFC) activity during rest primes self-referential processing. *Journal of Cognitive Neuroscience, 30*(5), 714-721.

17. Krol, S. A., **Meyer, M. L.**, Lieberman, M. D., & Bartz, J. A. (2018). Social working memory predicts social network size in humans. *Adaptive Human Behavior and Physiology, 4*(4)*, 387-399*.

16. **Meyer, M. L.**, & Lieberman, M.D. (2016). Social working memory training improves perspective-taking accuracy. *Social Psychological and Personality Science, 7*(4), 381-389.

15. Tabak, B. A., **Meyer, M. L.**, Dutcher, J., Castle, L., Irwin, M. R., Lieberman, M. D., & Eisenberger, N. I. (2016). Oxytocin reduces social working memory performance in individuals

with higher levels of social anxiety. *Social Cognitive and Affective Neuroscience, 11*(8), 1272-1279.

14. **Meyer, M. L.**, Taylor, S. E., & Lieberman, M.D. (2015). Social working memory and its distinctive link to social cognitive ability: An fMRI study. *Social Cognitive and Affective Neuroscience, 10*(10), 1338-1347.

13. **Meyer, M. L.**, Williams, K. D., & Eisenberger, N. I. (2015). Why social pain can live on: Different neural mechanisms are associated with reliving social and physical pain. *PLOS One.* DOI: 10.1371/journal.pone.0128294.

12. Spunt, R. P., **Meyer, M. L.**, & Lieberman, M. D. (2015). The default mode of human brain function primes the intentional stance, *Journal of Cognitive Neuroscience, 27*(6), 1116-1124.

11. **Meyer, M. L.**, Masten, C. L., Ma, Y., Wang, C., Shi, Z., Eisenberger, N. I., Lieberman, M. D. & Han, S. (2015). Differential neural activation to friends and strangers links interdependence to empathy. *Culture & Brain, 3,* 21-38.

10. Tabak, B. A., **Meyer, M. L.**, Castle, E., Dutcher, J., Irwin, M. R., Lieberman, M. D., & Eisenberger, N. I., (2015). Vasopressin, but not oxytocin, increases empathic concern among individuals who received higher levels of paternal warmth: A randomized controlled trial. *Psychoneuroimmunology, 51*, 253-261.

9. Dumontheil, I., Jensen, S. G, **Meyer, M. L.**, Lieberman, M.D., & Blakemore, S.-J. (2014). Preliminary investigation of the influence of dopamine regulating genes on social working memory. *Social Neuroscience, 9*(5)*, 437-451.

8. **Meyer, M. L.**, Way, B. M., & Eisenberger, N. I. (2013). Broadening the scope of cultural neuroscience. [Commentary on Chiao et al.] *Psychological Inquiry. 24,* 47-52.

7. **Meyer, M. L.**, Spunt, R. P., Berkman, E. T., Taylor, S. E., & Lieberman, M. D. (2012). Evidence for social working memory from a parametric functional MRI study. *Proceedings of the National Academy of Sciences, 109,* 1883-1888.

6. **Meyer, M. L**. & Lieberman, M. D. (2012). Social working memory: Neurocognitive networks and directions for future research. *Frontiers in Psychology, 3,* 1-11.

5. **Meyer, M. L.**, Masten, C. L., Ma, Y., Wang, C., Shi, Z., Eisenberger, N. I., & Han, S. (2012). Empathy for the social suffering of friends and strangers recruits distinct patterns of brain activity. *Social Cognitive and Affective Neuroscience, 4,* 446-454.

4. **Meyer, M. L.**, Berkman, E. T., Karremans, J. C. & Lieberman, M. D. (2010). Incidental regulation of attraction: The neural basis of the derogation of alternatives in romantic relationships. *Emotion & Cognition, 25,* 490-505.

3. **Meyer, M. L.**, Wu, S., Geary, D. & Menon, V. (2009). Differential contribution of specific working memory components to mathematical skills in 2nd and 3rd graders. *Learning and Individual Differences, 20,* 101-109.

2. Decety, J. & **Meyer, M. L.** (2008). From emotion resonance to empathic understanding: A developmental neuroscience account. *Development and Psychopathology, 20,* 1053-1080.

1. Wu, S., **Meyer, M. L.**, Maeda, U., Salimpoor, V., Tomiyama, S., Geary, D., & Menon, V. (2008). Standardized assessment of strategy use, working memory, and math performance in early mental arithmetic. *Developmental Neuropsychology, 33,* 365-363.

BOOK CHAPTERS

Meyer, M. L. (2017). Neurobiological causes and consequences of cultural differences in social cognition. In N. Gonzales, E. Telzer, & J. M. Causidas (Eds.), Handbook of Culture and Biology, Wiley.

Decety, J. & Meyer, M. L. (2009). Imitation as a stepping stone to empathy. In M. de Hann and M. Gunnar. The Handbook of Developmental Social Neuroscience (pp. 142-158). New York: Guilford Publications.

INVITED TALKS

2024	New York University, Department of Psychology, New York, NY (*forthcoming*)
2024	CUNY Basic & Applied Social Psychology, New York, NY (*forthcoming*)
2024	Shared Reality Virtual Conference (*forthcoming*)
2023	Yale University, Department of Psychology, New Haven, CT
2023	Columbia University, Department of Psychology, New York, NY
2023	MIND Computational Summer School, Dartmouth College, Hanover, NH
2023	NIH Social Connectedness & Isolation Meeting, Virtual
2023	Brown University, Department of Psychology, Providence, Rhode Island
2023	Adelphi University, Computational and Network Neuroscience Series, New York, NY
2023	The Science of Social Brains Conference, New York, NY
2022	Harvard University, Department of Psychology, Cambridge, MA
2022	Columbia University, Department of Psychology, New York, NY
2022	Carnegie Mellon University, Department of Psychology, virtual
2022	University of California-Los Angeles, Department of Psychology, virtual
2022	Seminars in Society & Neuroscience, Columbia University, virtual
2021	Society for Affective Science, Annual Conference, virtual
2021	Neuroscience of the Self Talk Series, McGill University, virtual
2021	Dartmouth Hitchcock Medical Center, Psychiatry Grand Rounds, virtual
2021	Cognitive Science Talk Series, Dartmouth College, virtual
2020	Aspen Institute & Facebook Virtual Symposium on Social Connection, virtual
2020	Society for Personality and Social Psychology, New Orleans, LA
2019	National Academy of Sciences, Washington, D.C.
2019	MIND Computational Methods Summer School, Dartmouth College, Hanover, NH
2019	Society for Social and Affective Neuroscience, Miami, FL
2019	Society for Personality and Social Psychology, Portland, OR
2018	Dartmouth Hitchcock Medical Center, Psychiatry Grand Rounds, Hanover, NH
2018	Brandeis University, Department of Psychology, Boston, MA
2018	Harvard University, Department of Psychology, Boston, MA
2017	The Center for Fiction, NYC, NY
2017	University of North Carolina-Chapel Hill, Department of Psychology & Neuroscience, Chapel Hill, NC
2017	University of Pittsburgh, Department of Psychology, Pittsburgh, PA
2017	Society for Social and Affective Neuroscience Society, Los Angeles, CA
2017	Society for Personality and Social Psychology, San Antonio, TX.

2016	Princeton University, Neuroscience and Social Decision-Making Brown Bag, Princeton, NJ
2016	New York Social and Affective Neuroscience Meet-Up, New York University (NYU), NYC, New York
2015	Dartmouth College, Department of Psychological and Brain Sciences, Hanover, NH
2015	Penn State University, Department of Psychology, State College, PA
2015	Rutgers University-Newark, Department of Psychology, Newark, NJ
2015	International Convention of Psychological Science, Amsterdam, The Netherlands
2015	Society for Personality and Social Psychology, Austin, TX
2014	Society for Social Affective Neuroscience, Denver, CO.
2014	Society for Personality and Social Psychology, Austin, TX
2013	Harvard University, Department of Psychology, Boston, MA
2013	University of California-Los Angeles, Department of Psychology, Los Angeles, CA
2011	Empathy: Self, Society, and Culture Conference, Indiana University, Bloomington, IN

SERVICE

Service to the Field

- Associate Editor, Social Cognitive & Affective Neuroscience, Oxford University Press
- Social & Affective Neuroscience Society (SANS) Board Member, Role: Director-at-Large, 2023-2024
- Scientific Co-Chair of the Annual NIH OppNet Social Connectedness & Isolation Grantees Meeting, Forthcoming 2024
- Scientific Co-Chair of the Social & Affective Neuroscience Society (SANS) Annual Conference, 2022
- National Institute of Health (NIH) Scientific Grant Review Panel, July 2021; Nov. 2022; May 2023
- Journal Reviewer:
  Proceedings of the National Academy of Sciences, Nature Human Behavior, Journal of Neuroscience, Trends in Cognitive Science, Psychological Science, Cerebral Cortex, NeuroImage, eLife, Social Cognitive and Affective Neuroscience, Social Neuroscience, Scientific Reports, Human Brain Mapping, Cognitive, Affective, and Behavioral Neuroscience, Royal Society Open Science, Journal of Experimental Psychology: General, Emotion, Cortex, Journal of Affective Disorders
- Society Member:
  Social Affective Neuroscience Society, Society for Personality and Social Psychology, Society for Affective Science, American Psychological Association, Cognitive Neuroscience Society

Service to the University/Department

- Columbia Catalyst Conversation on Artificial Intelligence (Columbia University, 2023)
- Graduate Student Admissions Committee (Psychology Dept, Columbia University, 2023)
- Social Psychology Faculty Position Search Committee (Psychology Dept, Columbia University, 2023)
- Adolescent Clinical Psychology Faculty Position Search Committee (Psychology Dept, Barnard College, 2023)
- Social Committee (Psychological & Brain Sciences Dept, Dartmouth College, 2022)
- Graduate Student Committee (Psychological & Brain Sciences Dept, Dartmouth College, 2020, 2021)

- Social Psychology Faculty Position Search Committee (Psychological & Brain Sciences Dept, Dartmouth College, 2018-2019)
- Neuroscience Committee (Psychological & Brain Sciences Dept, Dartmouth College, 2017- 2018)

MENTORED Ph.D. STUDENTS
Andrea Courtney (graduated 2018, Instagram, User Experience Researcher)
Alex DaSilva (graduated 2020, Merck, Executive Director)
Sasha Brietzke (graduated 2023, Columbia University, Postdoctoral Researcher)
Courtney Jimenez
Danika Geisler
Dhaval Bhatt
Era Wu

UNDERGRADUATE THESIS MENTEES

Klara Barbarossa (graduated 2020, Apple, Research Scientist)