

MEGHAN L. MEYER

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EMPLOYMENT & EDUCATION

Assistant Professor of Psychological and Brain Sciences, Starting July 2017, Dartmouth College
Postdoctoral Researcher, 2015-2017, Princeton University
Postdoctoral Scholar, 2014-2015, UCLA
Ph.D., Psychology, 2008-2014, UCLA
Research Assistant, 2006-2008, Stanford University
M.A., Cognitive Science, 2004-2006, École Normale Supérieure
B.A., Psychology, 2001-2004, Emory University

HONORS & AWARDS

Most Downloaded Article from Journal of Cognitive Neuroscience in 2015
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
UCLA Graduate Summer Research Mentorship Fellowship, 2009-2011
National Science Foundation EAPSI Fellowship, 2010
University Graduate Fellowship-UCLA, 2008

PUBLICATIONS

Krol, S. A., **Meyer, M. L.**, Lieberman, M. D., & Bartz, J. A. (revise & resubmit). Social working memory predicts social network size in humans.

Meyer, M. L., & Lieberman, M.D. (2016). Social working memory training improves perspective-taking accuracy. *Social Psychological and Personality Science*. DOI: 10.1177/1948550615624143

Tabak, B. A., **Meyer, M. L.**, Dutcher, J., Castle, L., Irwin, M. R., Lieberman, M. D., & Eisenberger, N. I. (in press). Oxytocin reduces social working memory performance in individuals with higher levels of social anxiety. *Social Cognitive and Affective Neuroscience*.

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*. DOI: 10.1093/scan/nsv065.

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.

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.

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.

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.

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.

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.

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.

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

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.

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.

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.

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

Wu, S., **Meyer, M.**, 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.

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.

Manuscripts in preparation

Meyer, M. L., Davachi, L., Ochsner, K. N., & Lieberman, M. D. (in prep). Default network connectivity during rest consolidates social information.

Meyer, M. L., Davachi, L., Ochsner, K. N., & Lieberman, M. D. (in prep). Schema inconsistency and memory: A dissociation for social and non-social information.

Meyer, M. L., & Lieberman, M. D. (in prep). Tracking minds: A standardized social working memory measure for behavioral and brain imaging studies.

Meyer, M. L., Spunt, R. P., & Lieberman, M. D. (in prep). Rapid mentalizing network connectivity during rest corresponds with social cognitive ability.

Moieni, M., **Meyer, M. L.**, Haltom, K. E., Irwin, M. R., & Eisenberger, N. I. (in prep). Gratitude reduces inflammatory cytokines: Evidence from a gratitude intervention study.

PRESENTATIONS

Chaired Symposia:

Meyer, M. L. (2015). The Social Brain: New Discoveries and Future Directions. Symposium presented at the inaugural International Convention of Psychological Science (ICPS), Amsterdam, The Netherlands. Speakers: Meghan L. Meyer, Iroise Dumontheil, Jerome Sallet, Lucina Q. Uddin.

Meyer, M. L., & Ochsner, K. N. (2014). Control, Automaticity, and the Social Brain. Symposium presented at the 14th annual Society for Personality and Social Psychology Conference, Austin, TX. Speakers: Meghan L. Meyer, Jamil Zaki, Ajay Satpute, Robert Spunt.

Talks (asterisk (*) indicates mentored students):

Meyer, M. L. (2015). *Social Working Memory*. Talk presented at the inaugural International Convention of Psychological Science (ICPS), Amsterdam, The Netherlands.

Tabak, B. A., **Meyer, M. L.**, Castle, E., Dutcher, J. M., Irwin, M. R., Han, J. H., Lieberman, M. D., & Eisenberger, N. I. (2015). *Vasopressin, but not oxytocin, increases empathic concern among individuals who received higher levels of paternal warmth*. Talk presented at the Positive Emotion Preconference of the Society for Affective Science. Oakland, CA

Sargosa-Harris, N.*, **Meyer, M. L.**, & Lieberman, M. D. *Social working memory training improves everyday mindreading*. Talk presented at the annual UCLA Psychology Undergraduate Research Conference (PURC). Los Angeles, California.

Meyer, M. L. (2014). *Social Working Memory: 7 + or – 2 in the Mentalizing Network?* Talk presented at the annual Society for Social Affective Neuroscience conference (SANS), Denver, Colorado.

Dutcher, J. M., Tabak, B. A., **Meyer, M.L.**, Castle, E., Irwin, M.R., Lieberman, M.D., & Eisenberger, N.I. *Vasopressin and Early Childhood Environment Affect Levels of Empathy.* Talk given at the 7th Annual Social and Affective Neuroscience Society Conference, Denver, CO, 2014.

Meyer, M. L., & Lieberman, M. D. (2014). *More than one pool of resources: Large-scale neurocognitive networks differentially interact to support social and cognitive controlled processing.* Talk presented at the annual Society for Personality and Social Psychology (SPSP) conference, Austin Texas.

Meyer, M. L., Eisenberger, N. I., & Han, S. (2014). *Differential neural activation to friends and strangers links interdependence to empathy.* Talk presented at the annual Society for Personality and Social Psychology (SPSP) conference, Austin Texas.

Meyer, M. L. (2013). *The Symphony of Social Experience.* Harvard University Psychology Department, invited talk.

Meyer, M. L. (2013). *Neural Mechanisms Supporting Everyday Social Cognition.* UCLA, Social Psychology Department, invited talk.

Spunt, R. P., **Meyer, M. L.**, & Lieberman, M. D. (2013). *Evidence that the evoked response of dorsomedial prefrontal cortex to fixation baseline facilitates social (but not non-social) inferential (but not non-inferential) judgments.* Talk presented at the annual Social Affective Neuroscience Conference, San Francisco, CA.

Meyer, M. L., Eisenberger, N. I., & Han, S. (2012, January). *Neural mechanisms linking interdependent self-construal to empathy.* Talk presented at symposium at the annual Society for Personality and Social Psychology (SPSP) conference, New Orleans, LA.

Lieberman, M. D., **Meyer, M. L.**, Spunt, R. P., Morelli, S. (2012, January). *Social working memory and the neuroscience of effortful social cognition.* Talk presented at symposium at the annual Society for Personality and Social Psychology (SPSP) conference, San Diego, CA.

Meyer, M. L., Masten, C. L., Ma, Y., Want, C., Shi, Z., Eisenberger, N. I., & Han, S. (2011, November). *Nudging Empathy for Abstract Forms of Suffering: A Social Cognitive Neuroscience Perspective.* Talk presented at the Empathy: Self, Society, Culture Conference, Indiana University.

Berkman, E. T., **Meyer, M. L.**, Karremans, J., Lieberman, M. D. (2011, January). *Incidental regulation of attraction: The neural basis of implicit emotion regulation in romantic relationships.* Talk presented at symposium at the annual Society for Personality and Social Psychology (SPSP) conference, San Antonio, TX.

Posters (*indicates mentored students):

Meyer, M. L., Williams, K. D., & Eisenberger, N. I. (2015, February). *Reliving past social and physical pain rely on distinct neural mechanisms*. Poster presented at the Emotion Preconference in the annual Society for Personality and Social Psychology (SPSP) conference, Long Beach, CA.

Meyer, M. L., Williams, K. D., & Eisenberger, N. I. (2014, April). *Different neural routes to reliving social and physical pain*. Poster presented at the inaugural Society for Affective Science (SAS) conference, Washington, DC.

Ueumrua, S.*, **Meyer, M. L.,** Tabak, B. A., Irwin, M. R., Lieberman, M. D., & Eisenberger, N. I. (2014, April). *Oxytocin reduces social working memory performance in individuals with higher levels of social anxiety*. UCLA Psychology Undergraduate Research Conference, Los Angeles, CA.

Meyer, M. L., Williams, K. D., & Eisenberger, N. I. (2013, April). *Neural insights into why past emotional pain continues to hurt*. Poster presented at the annual Social Affective Neuroscience Conference, San Francisco, California.

Meyer, M. L., Spunt, R. P., Berkman, E. T., Taylor, S. E., & Lieberman, M. D. (2012, October). *Social working memory*. Poster presented at the annual Society for Social Neuroscience Conference, New Orleans, LA.

Meyer, M. L., Spunt, R. P., Berkman, E. T., Taylor, S. E., & Lieberman, M. D. (2012, January). *Social working memory and the neuroscience of effortful social cognition*. Poster presented at the annual Social Affective Neuroscience Conference, New York City, NY.

Meyer, M. L., Spunt, R. P., Berkman, E. T., Taylor, S. E., & Lieberman, M. D. (2012, January). *The neuroscience of effortful social cognition*. Poster presented at the annual Society for Personality and Social Psychology (SPSP) conference, San Diego, CA.

Meyer, M. L., Berkman, E. T., Spunt, B. P., Rameson, L. T., & Lieberman, M. D. (2011, January). *Social working memory*. Poster presented at the annual Society for Personality and Social Psychology (SPSP) conference, San Antonio, TX.

Welborn, L., Falk, E., Berkman, E. T., **Meyer, M. L.,** Lieberman, M. D. (2011, January). *Idiosyncrasy influences MPFC activity during judgments of others' enduring traits*. Poster presented at the annual Society for Personality and Social Psychology (SPSP) conference, San Antonio, TX.

Meyer, M. L., Berkman, E. T., Spunt, B. P., Rameson, L. T., & Lieberman, M. D. (2010, October). *Social working memory: Domain-specific and domain-general neural systems show load dependent increases during social information processing*. Poster presented at the annual Social and Affective Neuroscience (SAN) conference, Chicago, IL.

Meyer, M.L., Berkman, E., Karremans, J. & Lieberman, M. (2010, January). *The neural basis of the derogation of alternatives by romantic partners*. Poster presented at the Society for Personality and Social Psychology conference, Las Vegas, Nevada.

Meyer, M.L., Berkman, E., Karremans, J. & Lieberman, M. (2009, October). *Regulation without intention? Neural correlates of incidental regulation of responses to attractive others*. Poster presented

at the annual Social and Affective Neuroscience (SAN) conference, New York, NY.

Morelli, S., Grinberg, A., **Meyer, M.L.**, & Lieberman, M. (2008, October). *The Neural Consequences of Perspective-Taking on Perceptions of Fairness*. Poster presented at the annual Social and Affective Neuroscience (SAN) conference, Boston, MA.

TEACHING

Social Cognitive Neuroscience, UCLA, 2013, Teaching Assistant
Introduction to Social Psychology, UCLA, 2009, 2010, 2012, Teaching Assistant
Social Psychology Research Methods, UCLA, 2010, 2011, Teaching Assistant
Research Methods in Psychology, UCLA, 2010, Teaching Assistant
Psychological Anthropology, UCLA, 2012, Teaching Assistant
Non-Experimental Methods in Social Psychology, UCLA, 2011, Teaching Assistant

JOURNAL REVIEWER

Proceedings of the National Academy of Sciences (PNAS), Psychological Science, NeuroImage, Social Cognitive and Affective Neuroscience, PLOS ONE, Social Neuroscience, Scientific Reports, Cognitive Neuroscience, Human Brain Mapping, Royal Society Open Science

SOCIETY MEMBER

Social Affective Neuroscience Society, Social Neuroscience Society, Society for Personality and Social Psychology, Society for Affective Science, American Psychological Association, Cognitive Neuroscience Society