

JOSEPH E. DUNSMOOR, Ph.D.

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PROFESSIONAL APPOINTMENTS

- 2017- Present** **University of Texas at Austin**
Department of Psychiatry, Dell Medical School
Assistant Professor
- 2012 - 2017** **New York University**
Postdoctoral Researcher, Department of Psychology
Laboratory of Elizabeth A. Phelps

EDUCATION & TRAINING

- 2012** **Duke University**
Ph.D., Psychology & Neuroscience
Advisor: Kevin S. LaBar
- 2005-2007** **National Institute of Mental Health (Bethesda, MD)**
Postbaccalaureate Intramural Research Training Award (IRTA) Fellow
Laboratory of Brain and Cognition/Functional Imaging Methods
Advisor: Peter A. Bandettini
- 2004** **James Madison University**
B.S., Psychology

HONORS, FELLOWSHIPS, & TRAINING GRANTS

- 2016 American College of Neuropsychopharmacology Travel Awardee
- 2015- NIMH K99R00 Pathway to Independence Award - K99MH106719
- 2013-2014 NIMH Training Award in Systems and Integrative Neuroscience - T32
MH019524
- 2011 American Psychological Association Dissertation Research Award
- 2010-2012 Individual NIH Predoctoral National Research Service Award (NRSA) -
F31 MH090682
- 2009-2011 Conference Travel Fellowships, Duke University
- 2009 Mentoring fellowship, Duke University
- 2009 Student Colloquium Committee, Duke University
- 2005 Postbaccalaureate Intramural Research Training Award (IRTA), National
Institutes of Health

PEER REVIEWED ARTICLES

1. Murphy GL & **Dunsmoor JE** (Accepted). Do salient features overshadow learning of other features in category learning? *Journal of Experimental Psychology: Animal Learning and Cognition*

2. FeldmanHall O, **Dunsmoor JE**, Kroes MCW, & Phelps EA (Accepted). Associative learning of social value in dynamic groups. *Psychological Science*.
3. Kroes MCW, **Dunsmoor JE**, Lin Q, & Phelps EA (revise & resubmit). An isolated reminder selectively and retroactively strengthens, but does not disrupt, memory for threatening events.
4. Kroes MCW*, **Dunsmoor JE***, Mackey, W., McClay, M. & Phelps EA (under review). Context conditioning in humans using commercially available immersive Virtual Reality. *equal contribution
5. FeldmanHall O & **Dunsmoor JE** (under review). Viewing adaptive moral choice through the lens of associative learning
6. **Dunsmoor JE**, Kroes MCW, Braren S, & Phelps EA (2017). Threat intensity widens fear generalization gradients. *Behavioral Neuroscience*, 131. 168-175.
7. Patil A, Murty VP, **Dunsmoor JE**, Phelps EA, Davachi L (2017). Reward retroactively enhances memory consolidation for related items. *Learning & Memory*, 24. 65-69.
8. **Dunsmoor JE**, Kubota J, Li J, Coelho C, & Phelps EA (2016). Racial stereotypes impair flexibility of emotional learning. *Social Cognitive & Affective Neuroscience*, 11. 1363-1373.
9. **Dunsmoor JE**, Niv Y, Daw N, & Phelps EA (2015). Rethinking extinction. *Neuron*, 88, 47-63.
10. **Dunsmoor JE**, Murty VP, Davachi L, & Phelps EA (2015). Emotional learning selectively and retroactively strengthens episodic memories for related events. *Nature*, 520, 345-348.
11. **Dunsmoor JE** & Paz R (2015). Fear generalization and anxiety: Behavioral and neural mechanisms. *Biological Psychiatry*, 78, 336-343.
12. **Dunsmoor JE**, Campese VD, Ceceli AO, LeDoux JE, & Phelps EA (2015). Novelty-facilitated extinction: Providing a novel outcome in place of an expected threat diminishes recovery of defensive responses. *Biological Psychiatry*, 78, 203-209.
13. **Dunsmoor JE** & Murphy GL (2015). Categories, concepts, and conditioning: How humans generalize fear. *Trends in Cognitive Sciences*, 19, 73-77.
14. Dymond S, **Dunsmoor JE**, Vervliet B, Roche B, & Hermans D. (2015). Fear generalization in humans: Systematic review and implications for anxiety disorder research. *Behavior Therapy*, 46, 561-582.
15. Coelho C, **Dunsmoor JE**, & Phelps EA (2015). Compound stimulus extinction reduces spontaneous recovery in humans. *Learning & Memory*, 22, 589-593.
16. Morey RA, **Dunsmoor JE**, et al. (2015). Fear learning circuitry is biased toward generalization of fear associations in Posttraumatic Stress Disorder. *Translational Psychiatry*, 5. e700.

17. Åhs F, **Dunsmoor JE**, Zielinski D, & LaBar KS (2014). Spatial proximity amplifies valence in emotional memory and defensive approach-avoidance. *Neuropsychologia*, 70, 476-485.
18. **Dunsmoor JE** & Murphy GL (2014). Stimulus typicality determines how broadly fear is generalized. *Psychological Science*, 25, 1816-1821.
19. **Dunsmoor JE**, Kragel, PA, Martin A, & LaBar KS (2014). Aversive learning modulates cortical representations of object categories. *Cerebral Cortex*, 24, 2859-2872.
20. **Dunsmoor JE**, Åhs F, Zielinski D, & LaBar KS (2014). Extinction in multiple virtual reality contexts diminishes fear reinstatement in humans. *Neurobiology of Learning & Memory*, 113, 157-164.
21. **Dunsmoor JE** & LaBar KS (2013). Effects of discrimination training on fear generalization gradients and perceptual classification in humans. *Behavioral Neuroscience*, 127, 350-356.
22. **Dunsmoor JE** & LaBar KS (2012). Brain activity associated with the omission of an aversive event reveals effects of fear learning and generalization. *Neurobiology of Learning & Memory*, 97, 301-312.
23. **Dunsmoor JE**, Martin A, & LaBar KS (2012). The role of conceptual knowledge in learning and retention of conditioned fear. *Biological Psychology*, 89, 300-305.
24. Cain MS, **Dunsmoor JE**, LaBar KS, & Mitroff SR (2011) Anticipatory anxiety hinders detection of a second target in dual-target search. *Psychological Science*, 22, 866-871.
25. **Dunsmoor JE**, Prince SE, Murty VP, Kragel PA, & LaBar KS (2011) Neurobehavioral mechanisms of human fear generalization. *Neuroimage*, 55, 1878-1888.
26. **Dunsmoor JE**, White AJ, & LaBar KS (2011) Conceptual similarity promotes generalization of higher-order fear learning. *Learning & Memory*, 18, 156-160.
27. **Dunsmoor JE**, & Schmajuk NA (2009) Interpreting patterns of brain activation in human fear conditioning with an attentional-associative learning model. *Behavioral Neuroscience*, 123, 851-855.
28. **Dunsmoor JE**, Mitroff SR, & LaBar KS (2009). Generalization of conditioned fear along a dimension of increasing fear intensity. *Learning and Memory*, 16, 460-469.
29. **Dunsmoor JE**, Bandettini PA, & Knight DC (2008). Neural correlates of unconditioned response diminution during Pavlovian conditioning. *Neuroimage*, 40, 811-817.
30. **Dunsmoor JE**, Bandettini PA, & Knight DC (2007). Impact of continuous versus intermittent CS-UCS pairing on human brain activation during Pavlovian fear conditioning. *Behavioral Neuroscience*, 121, 635-642.

BOOK CHAPTERS AND COMMENTARIES

1. Ritchey M, Murty VP & **Dunsmoor JE**. (2017) Adaptive memory systems for remembering the salient and the seemingly mundane. *Behavioral and Brain Sciences*.
2. **Dunsmoor JE** & Paz R (2016). Generalization of learned fear. In: *Neurobiology of PTSD*, Liberzon I & Ressler KJ eds. Oxford University Press.
3. **Dunsmoor JE** & LaBar KS (2013). Neural basis of human fear learning. In: *Handbook of Human Affective Neuroscience*, Vuilleumier P and Armony J eds. Cambridge University Press.
4. **Dunsmoor JE**, Åhs F & LaBar KS (2011) Neurocognitive mechanisms of fear conditioning and vulnerability to anxiety. *Frontiers Human Neuroscience*, 5, 35.
5. Schmajuk NA, Kutlu MG, **Dunsmoor JE** & Laurrauri, JA (2010). Attention, associations, and configurations in conditioning. In: *Computational Models of Conditioning*, Schmajuk NA ed. Cambridge University Press.

CONFERENCE AND INVITED TALKS

Dunsmoor JE (2018) TBA. *European Meeting of Human Fear Conditioning, Wales*. *keynote address

Dunsmoor JE (2016) Rethinking extinction and developing novel treatments for fear. *Association for Behavioral and Cognitive Therapies, New York, NY*.

Dunsmoor JE (2016) Generalization and control of fear. *Dell Medical School Department of Psychiatry at the University of Texas at Austin*.

Dunsmoor JE (2016) The effects of threat intensity and acute stress on fear generalization in humans. *Society of Biological Psychiatry, Atlanta, GA*.

Dunsmoor JE (2015) The effect of generalized fear learning on episodic memory. *American College of Neuropsychopharmacology, Hollywood, FL*.

Dunsmoor JE (2015) The effect of acute stress on fear generalization. *Society for Neuroscience, Chicago, IL*. *session Chair

Dunsmoor JE (2015) Emotional learning enhances memory consolidation for conceptually related prior events. *International Convention of Psychological Science, Amsterdam, The Netherlands*.

Dunsmoor JE (2015) Generalization and control of emotional learning. *KU Leuven, Leuven, Belgium*.

Dunsmoor JE (2014) Perceptual and conceptual routes to fear generalization in humans. GK Spring School, University of Wurzburg, *Wurzburg, Germany*.

Joseph E. Dunsmoor, Curriculum Vitae

2014-2015	Mentor for visiting graduate student from Brazil (Cesar Coelho)
2014	Mentor for NYU SURP(Ameed Bashar Abualteen)
2012-2014	Mentor for NYU Masters student in psychology (Ahmet Ceceli)
2013	Co-mentor for NYU SURP (Brenda Li)
2011	Undergraduate honors thesis committee (Allison White)
2008-2011	Teaching Assistant – Duke University <ul style="list-style-type: none">• Cognitive Psychology (twice)• Introduction to Cognitive Neuroscience• Fundamentals of Neuroscience
2010	Lecturer , <i>Role of amygdala in fear conditioning</i> , Learning & Behavior
2010	Lecturer , <i>Emotion theory</i> , Fundamentals of Neuroscience
2010	Mentor for an undergraduate student in psychology (Carmen Lai)
2009	Lecturer , <i>Psychophysiological integration</i> , Functional Neuroimaging
2009	Mentor for Vertical Integration Program (Allison White)

Ad hoc reviewer

Behavior Therapy; Biological Psychology; Biological Psychiatry; Cognition & Emotion; Frontiers Neuroscience; Human Brain Mapping; Learning & Motivation; Journal of Neuroscience; Neuropsychopharmacology; Neurobiology of Learning & Memory; Neuron; NeuroImage; Pain; PLoS (One); Psychiatry Research; Social, Cognitive, and Affective Neuroscience (SCAN)

REFERENCES

Elizabeth Phelps, PhD
Professor of Psychology, New York University
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Kevin S. LaBar, PhD
Professor of Psychology, Duke University
Center for Cognitive Neuroscience

Lila Davachi, PhD
Professor of Psychology, New York University
Department of Psychology

Gregory L. Murphy, PhD
Professor of Psychology, New York University
Department of Psychology

Helen Blair Simpson, MD /PhD
Professor of Clinical Psychiatry, Columbia University
Director of the Anxiety Disorders Clinic, New York State Psychiatric Institute