updated July 2023

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PROFESSIONAL APPOINTMENTS

2022 – Current **Princeton University**
Postdoctoral Research Associate, Princeton Neuroscience Institute
Laboratory of Ken Norman, PhD

EDUCATION

2022 **The University of Texas at Austin**
PhD, Institute for Neuroscience
Advisors: Dr. Joseph Dunsmoor & Dr. Jarrod Lewis-Peacock

2016 **The College of William and Mary**
BS, Neuroscience, Departmental Honors
Major in Hispanic Studies

FELLOWSHIPS, HONORS, & AWARDS

2020 – 2022 Individual NIH Predoctoral Fellowship (NRSA) – F31 MH124360
2020 Graduate School Summer Fellowship, UT Austin
2019 Big Data in Neuroscience Workshop Trainee Travel Award, UM Ann Arbor
2019 Wisconsin Symposium on Emotion Trainee Travel Award, UW Madison
2018 Office of Graduate Studies Professional Development Award, UT Austin
2015 Charles Center Summer Scholarship, W&M
2013 HHMI Freshman Research Award, W&M

PEER REVIEWED PUBLICATIONS

Hennings AC, Cooper SE, Lewis-Peacock JA, & Dunsmoor JE (2022). Pattern analysis of neuroimaging data reveals novel insights on threat learning and extinction in humans. *Neuroscience & Biobehavioral Reviews*.

Keller NE, **Hennings AC**, Leiker EK, Lewis-Peacock JA, & Dunsmoor JE (2022). Rewarded extinction increases amygdalar connectivity and stabilizes long-term memory traces in the vmPFC. *Journal of Neuroscience*.

Hennings AC, McClay M, Lewis-Peacock JA, & Dunsmoor JE (2022). Neural reinstatement reveals divided organization of fear and extinction memories in the human brain. *Current Biology*.

Hennings AC, Lewis-Peacock JA, & Dunsmoor JE (2021). Emotional learning retroactively enhances item memory but distorts source attribution. *Learning & Memory*.

Hennings AC, Bibb SA, Lewis-Peacock JA, Dunsmoor JE (2021). The effect of top-down thought suppression on fear extinction generalization. *Behavioural Brain Research*.

McClay M, **Hennings AC**, Reidel A, & Dunsmoor JE (2020). The features that shape fear: How emotional intensity and threat relevance interact to guide fear learning. *Neuropsychologia*.

Hennings AC, McClay M, Lewis-Peacock JA, & Dunsmoor JE (2020). Contextual reinstatement promotes extinction generalization in healthy adults but not PTSD. *Neuropsychologia*.

Keller NE, **Hennings AC**, & Dunsmoor JE (2020). Behavioral and neural processes in counterconditioning: past and future directions. *Behaviour Research and Therapy*.

SELECTED PRESENTATIONS AND INVITED TALKS

Hennings AC, Bibb SA, Lewis-Peacock JA, & Dunsmoor JE (2022) *Competition between contextual representations of threat and safety determines the success of extinction recall in humans.* Nanosymposium presentation given at the Society for Neuroscience Annual Meeting. San Diego, CA.

Hennings AC, Lewis-Peacock JA, & Dunsmoor JE (2021). *Emotional learning retroactively enhances item memory but distorts source attribution*. Poster presented at the Context and Episodic Memory Symposium. Philadelphia, PA.

Hennings AC, McClay M, Lewis-Peacock JA, & Dunsmoor JE (2020). *Dissociable reinstatement of emotional memories in the human PFC*. Talk presented at the UT Institute for Neuroscience Dialogues Series. Virtual.

Hennings AC, McClay M, Lewis-Peacock JA, & Dunsmoor JE (2020). *Dissociable reinstatement of emotional memories in the human PFC*. Poster presented at the Cognitive Neuroscience Society Meeting. Virtual.

Hennings AC, McClay M, Lewis-Peacock JA, & Dunsmoor JE (2019). *Reinstatement of mental context resolves conflicts between fear and extinction memories.* Poster presented at the Wisconsin Symposium on Emotion, Madison, WI.

Nocera N, Vasudevan K, **Hennings AC**, Bonefas K, Zemelman B, & Drew M (2019). *Isolation and analysis of Supramammillary Nucleus neurons projecting to the Hippocampus, Basolateral Amygdala, and Prefrontal Cortex*. Poster presented at the Austin Conference on Learning and Memory, Austin, TX.

Hennings AC, Lewis-Peacock JA, & Dunsmoor JE (2019). *Reinstatement of mental context facilitates retrieval of extinction memories.* Poster presented at the Cognitive Neuroscience Society Meeting. San Francisco, CA.

Hennings AC, Lewis-Peacock JA, & Dunsmoor JE (2018). *Mental context tagging reveals deficits of extinction learning in PTSD.* Nanosymposium presentation given at the Society for Neuroscience Annual Meeting. San Diego, CA.

Hennings AC, Lewis-Peacock JA, & Dunsmoor JE (2018). *Mental context reinstatement determines successful retrieval of extinction memories.* Poster presented at the Context and Episodic Memory Symposium, Philadelphia, PA.

Hennings AC, Lewis-Peacock JA, & Dunsmoor JE (2018). *Mental context reinstatement may underlie successful retrieval of extinction memories.* Poster presented at the Cognitive Neuroscience Meeting, Boston, MA.

Nocera N, **Hennings AC,** Bonefas K, Vasudevan K, Zemelman B, & Drew MR (2018) *Supramammillary nucleus modulates dentate gyrus activity and hippocampus-dependent behavior.* poster presented at the Society for Neuroscience Annual Meeting. San Diego, CA.

Hennings AC, Jeanneret S, Dutcher A, Hollenbeck M, & Lewis-Peacock JA (2017). *Competition and forgetting during context-based episodic memory retrieval*. Poster presented at the Austin Conference on Learning and Memory, Austin, TX.

Barnet RC & **Hennings AC** (2016). *Light-enhanced startle sensitivity to acute nicotine withdrawal*. Poster presented at the Society for Neuroscience annual meeting. San Diego, CA.

TEACHING, MENTORSHIP, & SERVICE

2016 – 2022	Undergraduate research assistant supervisor, UT Austin Trainees include: Stephanie Jeanneret, Swecha Ramireddy, Sophia Bibb, Brandon Torio, Phillip Taboada
2020, Spring	Teaching assistant, UT Austin NEU337 *Programming & Data Analysis* Instructor: Dr. Marcel Goldschen-Ohm
2017 – 2020	Mentor for Neuroscience Undergraduate Research Program, UT Austin Trainees include: Mahaly Baptise, Marissa Alverez, Angelica Garcia, Alejandro Hipolito, Stephanie Root
2017 – 2019	Volunteer for Dell Medical School Health Sciences Summer Camp
2014 – 2016	Undergraduate research assistant supervisor, W&M