

## Publications

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### JOURNAL ARTICLES

1. Monfils, M.-H., & Domjan, M. (2022). The elegant complexity of fear in non-human animals. *Emerging Topics in Life Sciences*, 6(5), 445–455. <https://doi.org/10.1042/etls20220001>
2. Monfils, M.-H., Lee, H. J., Cofresí, R. U., & Gonzales, R. A. (2022). Friend recollections, and a collection of collaborations with nadia. *Frontiers in Behavioral Neuroscience*, 16. <https://doi.org/10.3389/fnbeh.2022.954906>
3. Monfils, M.-H. (2022). The high road to inhibiting fear memories. *Biological Psychiatry*, 92(2), 102–103. <https://doi.org/10.1016/j.biopsych.2022.05.005>
4. Hilz, E. N., Olvera, M. E., Jun, D., Chadha, M., Gillette, R., Monfils, M.-H., Gore, A. C., & Lee, H. J. (2022). Hormonal contraceptives alter amphetamine place preference and responsivity in the intact female rat. *Behavioral Neuroscience*, 136(4), 318–329. <https://doi.org/10.1037/bne0000520>
5. Smits, J. A. J., Monfils, M.-H., Otto, M. W., Telch, M. J., Shumake, J., Feinstein, J. S., Khalsa, S. S., Cobb, A. R., Parsons, E. M., Long, L. J., McSpadden, B., Johnson, D., & and, A. G. (2022). CO2 reactivity as a biomarker of exposure-based therapy non-response: Study protocol. *BMC Psychiatry*, 22(1). <https://doi.org/10.1186/s12888-022-04478-x>
6. Agee, L. A., Nemchek, V., Malone, C. A., Lee, H. J., & Monfils, M.-H. (2021). Appetitive behavior in the social transmission of food preference paradigm predicts activation of orexin-a producing neurons in a sex-dependent manner. *Neuroscience*, 481, 30–46. <https://doi.org/10.1016/j.neuroscience.2021.11.032>
7. Nemchek, V., Agee, L. A., Malone, C. A., Raskin, M., Seese, S., & Monfils, M. H. (2021). Altering perceived context: Transportation cues influence novelty-induced context exploration. *Frontiers in Behavioral Neuroscience*, 15. <https://doi.org/10.3389/fnbeh.2021.714927>
8. Hilz, E. N., Lewis, S. M., Olshavsky, M. E., Khoury, E. S., Gore, A. C., Monfils, M. H., & Lee, H. J. (2021). Sex differences in conditioned orienting and the role of estradiol in addiction-related behaviors. *Behavioral Neuroscience*, 136(1), 19–29. <https://doi.org/10.1037/bne0000484>
9. Gershman, S. J., Jones, C. E., Norman, K. A., Monfils, M.-H., & Niv, Y. (2021). Corrigendum: Gradual extinction prevents the return of fear: Implications for the discovery of state. *Frontiers in Behavioral Neuroscience*, 15. <https://doi.org/10.3389/fnbeh.2021.786900>
10. Lancaster, C. L., Monfils, M.-H., & Telch, M. J. (2020). Augmenting exposure therapy with pre-extinction fear memory reactivation and deepened extinction: A randomized controlled trial. *Behaviour Research and Therapy*, 135, 103730. <https://doi.org/10.1016/j.brat.2020.103730>
11. Blujus, J. K., Prevalaska, I., Quevedo, S. F., Auchter, A., Korthauer, L. E., Dunk, M. M., Monfils, M. H., & Driscoll, I. (2020). Updating mechanisms using an olfactory cue were not successful in improving memory in a rodent model of cognitive aging or in older adults. *Psychology & Neuroscience*, 13(3), 406–423. <https://doi.org/10.1037/pne0000209>
12. Auchter, A. M., Barrett, D. W., Monfils, M. H., & Gonzalez-Lima, F. (2020). Methylene blue preserves cytochrome oxidase activity and prevents neurodegeneration and memory impairment in rats with chronic cerebral hypoperfusion. *Frontiers in Cellular Neuroscience*, 14. <https://doi.org/10.3389/fncel.2020.00130>
13. Monfils, M.-H. (2022). Explaining the effectiveness of fear extinction through latent-cause inference. *Neurons Behavior Data Analysis & Theory Journal*.

### PREPRINTS

1. Smits, J. A. J., Monfils, M.-H., Otto, M. W., Telch, M. J., Shumake, J., Feinstein, J. S., Khalsa, S. S., Cobb, A. R., Parsons, E. M., Long, L. J., McSpadden, B., Johnson, D., Greenberg, A., & Consortium, E. T. C. T. (2022). CO2 reactivity as a biomarker of exposure-based therapy non-response: Study protocol. <https://doi.org/10.21203/rs.3.rs-2298817/v1>
2. Agee, L. A., Hilz, E. N., Jun, D., Nemchek, V., Lee, H. J., & Monfils, M.-H. (2022). Patterns of arc mRNA expression in the rat brain following dual recall of fear- and reward-based socially acquired information. <https://doi.org/10.1101/2021.12.30.474464>
3. Song, M., Jones, C., Monfils, M.-H., & Niv, Y. (2021). Explaining the effectiveness of fear extinction through latent-cause inference. <https://doi.org/10.31234/osf.io/2fhr7>

4. Hilz, E. N., Agee, L. A., Jun, D., Monfils, M. H., & Lee, H. J. (2021). *Expression patterns of arc mRNA after renewal of appetitive behavior in female rats*. <https://doi.org/10.1101/2021.07.20.453088>
5. Hilz, E. N., Olvera, M., Jun, D., Chadha, M., Gillette, R., Monfils, M.-H., Gore, A. C., & Lee, H. J. (2021). *Hormonal contraceptives alter amphetamine place preference and responsivity in the intact female rat*. <https://doi.org/10.1101/2021.07.28.454029>

## BOOKS

1. Monfils, M.-H. (2023). *Social beasts: Learning vicariously to flexibly adapt to a changing world*. Princeton University Press.

## BOOK CHAPTERS

1. Monfils, M.-H. (2022). Reconsolidation and fear extinction: An update. In *Current topics in behavioral neurosciences (CTBN)*. Mohamed milad and seth norrholm, editors.
2. Monfils, M.-H. (2021). How can intrusive thinking be conceptualized at the level of psychological mechanisms? In *Ernst strungmann forum book intrusive thinking across neuropsychological disorders*.
3. Monfils, M.-H. (2021). Neuropsychological mechanisms of intrusive thinking. In *In ernst strungmann forum book intrusive thinking across neuropsychological disorders*.

## Professional Presentations

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### Last call for alcohol

MILWAUKEE

2022

### Individual differences and social transfer of information

THE UNIVERSITY OF CALGARY

2022

### Individual differences and social transfer of knowledge

THE UNIVERSITY OF IOWA

2022

### Individual differences and social transfer of knowledge

CAMBRIDGE UNIVERSITY

2021

### Assessing individual differences to optimize fear attenuation

WAYNE STATE UNIVERSITY

2021

## Conference Abstracts

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### CO2 reactivity predicts extinction phenotype in a Pavlovian appetitive paradigm

RSA

2023

### Retrieval+extinction prevents the return of alcohol seeking in female rats

RSA

2023

### CO2 reactivity predicts extinction phenotype in a Pavlovian appetitive paradigm

PAVLOVIAN SOCIETY

2022

### Impact of dominance on fear conditioning by proxy in female rats

PAVLOVIAN SOCIETY

2022

### Retrieval+extinction prevents the return of alcohol seeking in female rats

PAVLOVIAN SOCIETY

2022

## Honors

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## Funding

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## Reducing alcohol-seeking behavior in a rat model of alcohol dependence- Co-I

FUNDING: \$1,964,345

NIH,

2022 - 2027

## 1/2: CO2 Reactivity as a Biomarker of Non-response to Exposure-based Therapy

FUNDING: \$763,817

NIMH, R01MH125951

2022 - 2027

## Influence of shared experience on relational dynamics and vicarious learning

FUNDING: \$800,000

Directorate for Social, Behavioral &  
Economic Sciences, 2141102

2022 - 2025

## Disambiguating networks and factors that promote social transmission of information in rats

FUNDING: \$472,297

Directorate for Social, Behavioral &  
Economic Sciences, 1748911

2018 - 2021

# Service

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## P&T Revamp Committee

CHAIR

Austin, US

2022 - present

## Hiring Plan Committee

MEMBER

Austin, US

2022 - present

## Staff Excellence Award Committee

MEMBER

Austin, US

2021 - present

## VPR's office

GRANT REVIEWER

Austin, US

2021 - present

## SAGES

ADVISORY COUNCIL MEMBER

Austin, US

2020 - present

## Department of Psychology

ASSOCIATE CHAIR FOR RESEARCH AND OPERATIONS

Austin, US

2019 - present

## Department of Psychology

EXECUTIVE COMMITTEE MEMBER-PSYCHOLOGY

Austin, US

2019 - present

## Teaching Award Committee

MEMBER

Austin, US

2019 - present

## Animal Research Center Faculty Advisory Committee

CHAIR

Austin, US

2017 - present

## Provost Faculty Mentoring Program

MENTOR

Austin, US

2022 - 2023

## Swiss National Science Foundation

GRANT REVIEWING

Bern, CH

2021 - 2022

## The University of Texas at Austin

CoLA COVID 19 RESPONSE; RESEARCH REOPENING COMMITTEE

Austin, US

2020 - 2022

## The University of Texas at Austin

CoLA COVID 19 RESPONSE; RESEARCH REOPENING BUILDING COORDINATOR FOR SEA BUILDING

Austin, US

2020 - 2022

## NIMH

R01 REVIEWING

Bethesda, US

2018 - 2022

## Scientific Reports

EDITORIAL BOARD

Austin, US

2017 - 2022

## Frontiers in Behavioral Neuroscience

EDITORIAL BOARD

Austin, US

2010 - 2022

## Institute for Neuroscience

EXECUTIVE COMMITTEE MEMBER-INSTITUTE FOR NEUROSCIENCE

Austin, US

2018 - 2021

## Mentoring and Teaching

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### MENTORING

#### Adeena Khan

UNDERGRADUATE MENTOR

2022 - present

#### Rabia Khan

UNDERGRADUATE MENTOR

2022 - present

#### Michael Pasala

UNDERGRADUATE MENTOR

2022 - present

#### Grace Wulffraat

UNDERGRADUATE STUDENT

2021 - 2023

#### Tyler Milewski

COMMITTEE MEMBER

2022 - 2022

#### Miriam Ortega

UNDERGRADUATE HONORS STUDENT

2020 - 2022

#### Sydney Seese

GRADUATE MENTOR

2020 - 2022

#### Kylee Smith

DISSERTATION SUPERVISOR

2018 - 2022

#### Marissa Raskin

SUPERVISOR

2018 - 2022

#### Sun Chong

UNDERGRADUATE STUDENT

2020 - 2021

#### Victoria Nemchek

GRADUATE MENTOR

2019 - 2021

#### Laura Agee

DISSERTATION SUPERVISOR

2015 - 2021

#### Emily Hilz

COMMITTEE MEMBER

2015 - 2021

### TEACHING

#### Psychology 371

INSTRUCTOR

2019 - 2022