

# Stanford

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## Chelsie L. Brewer

Postdoctoral Scholar, Psychiatry

### Bio

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#### HONORS AND AWARDS

- Postdoctoral NSRA F32 Fellowship, National Institute of Neurological Disorders and Stroke (NINDS) (2021)
- Trainee Innovator Grant, Stanford University Department of Psychiatry and Behavioral Sciences (2020)
- Pain in Childhood SIG Poster Award, International Association for the Study of Pain (2018)
- Trainee Professional Development Award, Society for Neuroscience (2017)
- Young Investigator Travel Award, American Pain Society (2017)

#### PROFESSIONAL EDUCATION

- BS, Northern Kentucky University, Psychology, minors in chemistry and biology (2015)
- PhD, University of Cincinnati, Neuroscience (2019)

#### STANFORD ADVISORS

- Julie Kauer, Postdoctoral Faculty Sponsor

#### LINKS

- ResearchGate: <https://www.researchgate.net/profile/Chelsie-Brewer-2>
- Twitter: <https://twitter.com/ChelsieLBrewer>

### Publications

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#### PUBLICATIONS

- **Postnatal maturation of spinal dynorphin circuits and their role in somatosensation.** *Pain*  
Brewer, C. L., Styczynski, L. M., Serafin, E. K., Baccei, M. L.  
2020; 161 (8): 1906-1924
- **Neonatal Injury Evokes Persistent Deficits in Dynorphin Inhibitory Circuits within the Adult Mouse Superficial Dorsal Horn.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*  
Brewer, C. L., Li, J. n., O'Connor, K. n., Serafin, E. K., Baccei, M. L.  
2020; 40 (20): 3882-95
- **Adolescent sleep shapes social novelty preference in mice.** *Nature neuroscience*  
Bian, W. J., Brewer, C. L., Kauer, J. A., de Lecea, L.  
2022
- **The development of pain circuits and unique effects of neonatal injury** *JOURNAL OF NEURAL TRANSMISSION*  
Brewer, C. L., Baccei, M. L.

2020; 127 (4): 467–79

- **Single-nucleus characterization of adult mouse spinal dynorphin-lineage cells and identification of persistent transcriptional effects of neonatal hindpaw incision.** *Pain*

Serafin, E. K., Paranjpe, A. n., Brewer, C. L., Baccei, M. L.

2020

- **Transcriptional profile of spinal dynorphin-lineage interneurons in the developing mouse** *PAIN*

Serafin, E. K., Chamessian, A., Li, J., Zhang, X., McGann, A., Brewer, C. L., Berta, T., Baccei, M.

2019; 160 (10): 2380–97

- **Enhanced Postsynaptic GABA(B) Receptor Signaling in Adult Spinal Projection Neurons after Neonatal Injury** *NEUROSCIENCE*

Brewer, C. L., Baccei, M. L.

2018; 384: 329–39