


# Stanford

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## Daniel McCalley

Postdoctoral Scholar, Psychiatry

 Curriculum Vitae available Online

### Bio

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#### HONORS AND AWARDS

- Outstanding Scholar in Neuroscience Award (OSNAP), National Institute of Mental Health (NIMH) and National Institute of Drug Abuse (NIDA) (2022)
- Distinguished Graduate, Medical University of South Carolina, College of Graduate Studies (2022)
- Ruth L. Kirschstein National Service in Research Award; F31, National Institute of Alcohol Abuse and Alcoholism (2020-2022)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Medical University Of South Carolina (2022)
- Bachelor of Science, University of Pittsburgh (2017)
- Ph.D., Medical University of South Carolina , Neuroscience (2022)
- B.S., University of Pittsburgh , Neuroscience (2017)

#### STANFORD ADVISORS

- Claudia Padula, Postdoctoral Faculty Sponsor

#### LINKS

- Twitter: <https://twitter.com/danmccalley?lang=en>
- Google scholar: <https://scholar.google.com/citations?user=tBWiU6sAAAAJ&hl=en>

### Research & Scholarship

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#### LAB AFFILIATIONS

- Claudia Padula, BRAVE lab (7/20/2022)

### Publications

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#### PUBLICATIONS

- **Sex/Gender as a Factor That Influences Transcranial Magnetic Stimulation Treatment Outcome: Three Potential Biological Explanations** *FRONTIERS IN PSYCHIATRY*  
Hanlon, C. A., McCalley, D. M.  
2022; 13: 869070
- **Targeting the Salience Network: A Mini-Review on a Novel Neuromodulation Approach for Treating Alcohol Use Disorder.** *Frontiers in psychiatry*  
Padula, C. B., Tenekejdjeva, L., McCalley, D. M., Al-Dasouqi, H., Hanlon, C. A., Williams, L. M., Kozel, F. A., Knutson, B., Durazzo, T. C., Yesavage, J. A., Madore, M. R.  
2022; 13: 893833

- **Medial prefrontal cortex theta burst stimulation improves treatment outcomes in Alcohol Use Disorder: a double-blind, sham-controlled neuroimaging study** *Biological Psychiatry: Global Open Science*  
McCalley, D. M., Kaur, N., Wolf, J. P., Contreras, I. E., Book, S. W., Smith, J. P., Hanlon, C. A.  
2022
- **Regionally specific gray matter volume is lower in alcohol use disorder: Implications for noninvasive brain stimulation treatment** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*  
McCalley, D. M., Hanlon, C. A.  
2021; 45 (8): 1672-1683
- **Determining the optimal pulse number for theta burst induced change in cortical excitability** *SCIENTIFIC REPORTS*  
McCalley, D. M., Lench, D. H., Doolittle, J. D., Imperatore, J. P., Hoffman, M., Hanlon, C. A.  
2021; 11 (1): 8726
- **Non-invasive brain stimulation as a tool to decrease chronic pain in current opiate users: A parametric evaluation of two promising cortical targets** *DRUG AND ALCOHOL DEPENDENCE*  
Imperatore, J. P., McCalley, D. M., Borckardt, J. J., Brady, K. T., Hanlon, C. A.  
2021; 218: 108409
- **Non-invasive Brain Stimulation for Alcohol Use Disorders: State of the Art and Future Directions** *NEUROTHERAPEUTICS*  
Philip, N. S., Sorensen, D. O., McCalley, D. M., Hanlon, C. A.  
2020; 17 (1): 116-126
- **Evaluating a novelMR-compatiblefoot pedal device for unipedal and bipedal motion:Test-retestreliability of evoked brain activity** *HUMAN BRAIN MAPPING*  
Doolittle, J. D., Downey, R. J., Imperatore, J. P., Dowdle, L. T., Lench, D. H., McLeod, J., McCalley, D. M., Gregory, C. M., Hanlon, C. A.  
2021; 42 (1): 128-138
- **Activity-regulated cytoskeleton-associated protein (Arc/Arg3.1) regulates anxiety- and novelty-related behaviors** *GENES BRAIN AND BEHAVIOR*  
Penrod, R. D., Kumar, J., Smith, L. N., McCalley, D., Nentwig, T. B., Hughes, B. W., Barry, G. M., Glover, K., Taniguchi, M., Cowan, C. W.  
2019; 18 (7): e12561
- **Consequences of Adolescent Exposure to the Cannabinoid Receptor Agonist WIN55,212-2 on Working Memory in Female Rats** *FRONTIERS IN BEHAVIORAL NEUROSCIENCE*  
Kirschmann, E. K., McCalley, D. M., Edwards, C. M., Torregrossa, M. M.  
2017; 11: 137