

CURES WITHIN REACH RESEARCH SPOTLIGHT: AN INNOVATOR OF NEUROSCIENCE AND PSYCHOLOGY

In 2021, Cures Within Reach funded **Dr. Jeffrey Lewine** at the **University of New Mexico** to support a now completed, double-blind, placebo controlled clinical trial that investigated the safety and efficacy of N-Acetylcysteine (NAC) for symptoms of mild traumatic brain injury.

Dr. Lewine is an expert on **psychophysical, behavioral, and brain imaging methods**, having done research on a plethora of clinical brain conditions. He wears many hats: in addition to his role as adjunct faculty in the Departments of Psychology and Neurology at the University of New Mexico, Dr. Lewine is also a Professor of Translational Neuroscience for the Mind Research Network in New Mexico, the Director of Research for Beyond Barriers Therapeutics, and CEO of the Center for Advanced Diagnostics, Evaluation, & Therapeutics. He has led functional brain imaging programs in New Mexico, Utah, Kansas and Illinois and has co-authored the textbook, *Functional Brain Imaging*, as well as more than 100 articles and book chapters.

Dr. Lewine's goal: to develop innovative solutions to contemporary clinical brain conditions.



Dr. Jeffrey Lewine



PROFILE

- **Dr. Jeffrey D. Lewine** has spent his career in translational neuroscience, focused on a better understanding of the brain's structure and function.

CWR FUNDING

- This completed \$50,000 **Phase I clinical study** investigated the safety and efficacy intranasal NAC in patients with mild traumatic brain injury. NAC reduces oxidative stress and is approved for the treatment of acetaminophen poisoning.
- Dr. Lewine and this trial represent two of Cures Within Reach's communities:
 - **Neurology**
 - **Veterans / Military**

