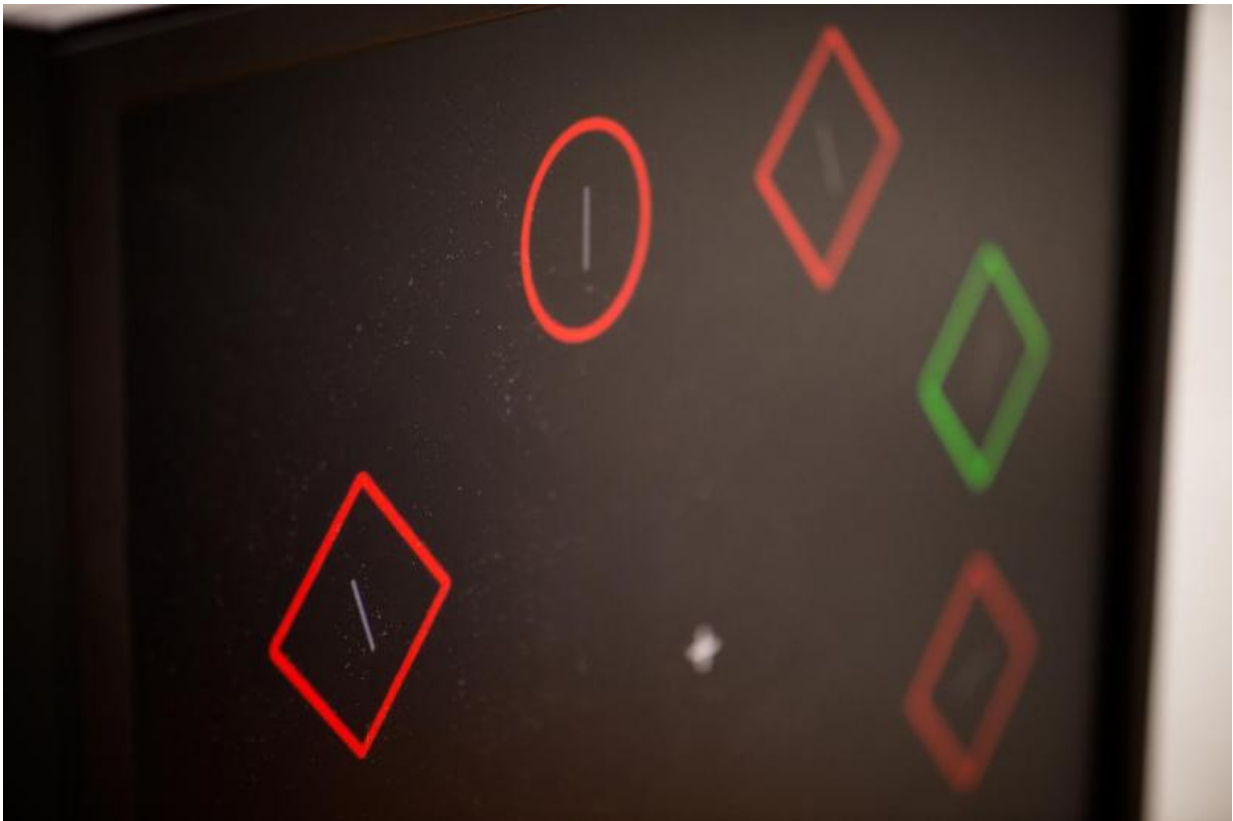


Science-backed brain game eases distraction, anxiety

August 12 2015



Researchers have created a simple game in which people identify a specific shape in a series of shapes. The game helped participants focus and reduced anxiety. Credit: Michigan State University

Researchers have created a surprisingly simple yet targeted brain game that reduces anxiety by helping people focus in an increasingly

distracting world.

In a study led by Michigan State University's Jason Moser, anxious [college students](#) who completed a video game-like exercise that involved identifying shapes stayed more focused and showed less anxiety.

Anxiety disorders are the most common mental illness in the United States, affecting 40 million adults, and the peak time for the disorders is ages 18-25. While the research is the first scientific step toward addressing the effects of distraction on anxiety, it could eventually lead to an everyday solution.

"Down the line we could roll out an online or mobile game based on this research that specifically targets distraction and helps people stay focused and feel less anxious," said Moser, associate professor of clinical psychology.

In the study, participants with both low and high anxiety completed a focus task in which they identified a specific shape in a series of shapes (e.g., a red circle amid red squares, diamonds and triangles). Afterward they were given an exercise designed to distract them (by mixing in different colored shapes), but it didn't.

The focus task, Moser said, had improved concentration and lessened anxiety for the anxious participants, in particular, even after the distraction [exercise](#).

There are a plethora of "brain-training" games on the market, Moser noted, but they are highly controversial and offer no independent scientific proof they help sharpen focus, let alone reduce anxiety.

"There have been other studies of video game-type interventions for [anxiety](#)," he added, "but none have used a specific and simple game that

targets [distraction](#)."

Provided by Michigan State University

Citation: Science-backed brain game eases distraction, anxiety (2015, August 12) retrieved 26 April 2024 from

<https://medicalxpress.com/news/2015-08-science-backed-brain-game-eases-distraction.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--