

BRAIN FUTURES

Translating Science to
Advance Human Potential

7th Annual
ASPENBRAINLAB
Friday July 12, 2019

Featuring a Special Panel About the Gut/Brain Connection



Dr. Robynne Chutkan
*The Microbial Mind:
Understanding the
Gut/Brain Axis*



Dr. Momo Vuyisich
*Microbiome:
The Next Frontier
in Brain Health*



Dr. Vincent Pedre
*The Most Complex
Ecosystem on the Planet
Dictates Your Health*

Purchase Tickets Now:
aspenbrainlab.com
aspenshowtix.com

Opportunity to Hear from Leading Experts on Gut-Brain Health at the July 12 Aspen Brain Lab

This year's Brain Lab offers a rich opportunity to learn about the evolving science and medical practice that links our digestive system, brain and the critical ecosystem in our bodies called the microbiome.

Attendees will also hear directly from BrainFutures Advisor Dr. Sandra Bond Chapman about her plans to maximize human brain potential through the landmark international BrainHealth Project, and find out what's cooking in Dr. Adam Gazzaley's Neuroscape lab, where the science of gaming is yielding impressive results for both treatment of illness and optimization of brain power.

This one day conference offers a unique, provocative and entertaining approach to brain health in beautiful Aspen, Colorado. **To learn more and register, visit the link below.**

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Brain-Training Program Improves Memory for Military Personnel with Mild Traumatic Brain Injury

A recent study found that Brain HQ, a training program developed by BrainFutures Advisor Dr. Michael Merzenich's company Posit Science, improved cognitive function in military personnel and veterans diagnosed with mild Traumatic Brain Injury (mTBI). **This broadly applicable intervention could be scaled quickly to treat those suffering from mTBI.**

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Mobile Game May Help Experts Detect Alzheimer's Risk

A mobile game played by more than 4.3 million users worldwide was designed to help researchers better understand dementia by seeing how the brain works in relation to spatial navigation. **Find out how this game can help detect Alzheimer's risk before any memory loss symptoms occur.**

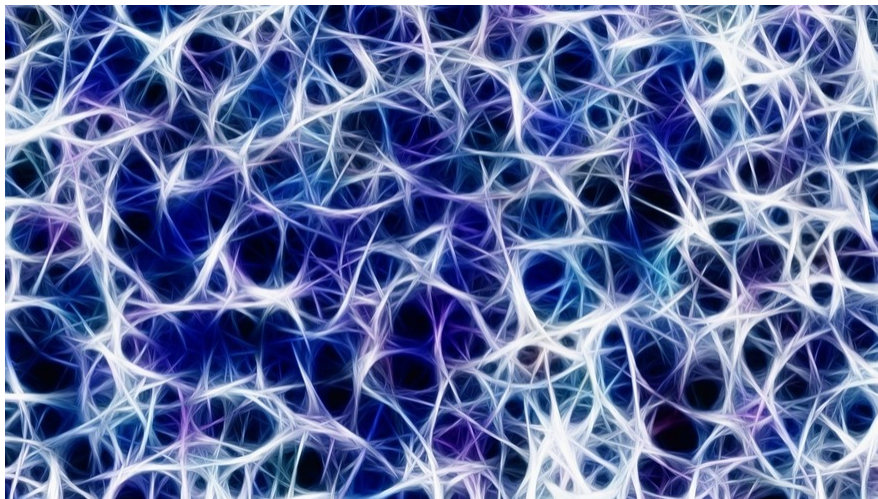
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Research Links Poverty to Impaired Brain Activity in Early Childhood

A recent study of the brain function of young children in rural India suggests that childhood poverty can adversely affect working memory by weakening brain activity and increasing distractibility. **These findings can help scientists design interventions to improve early childhood brain development.**

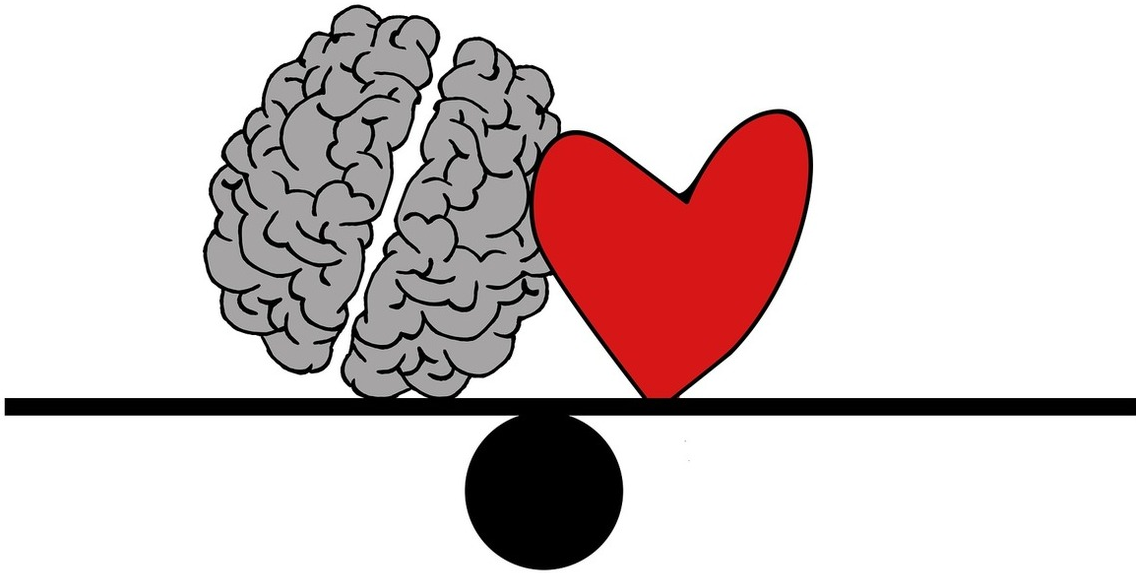
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A Psychedelic Drug May Help Treat PTSD

New research from neuroscientists at Johns Hopkins University suggests that a psychedelic drug may allow brains to re-learn social-reward behaviors. **Learn how this new discovery can help scientists develop new treatments for PTSD.**

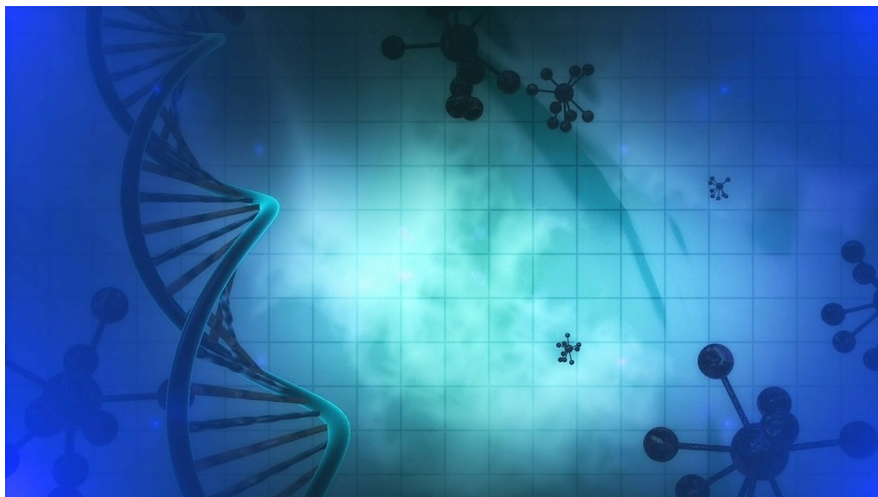
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The Cardiovascular System and the Brain: How Inflammation May be Linked to Heart Disease and Depression

Research shows that people who have a heart attack are at a significantly higher risk for experiencing depression. Scientists are further investigating whether these conditions share common genetic factors or shared environmental factors. **Find out what environmental factors increase the risk of heart disease and depression.**

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There Are No Candidate Genes for Depression, Study Concludes

A recent study from University of Colorado at Boulder found that the genes most often studied are no more associated with depression than genes selected at random. **Understanding the link between depression and genetics can help researchers develop new antidepressant medications.**

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Mission

BrainFutures accelerates adoption of effective applications of brain science advances to maximize human potential.

Vision

Science-based brain health practices will be widely accessible to people of all ages, enabling improvements in learning, enhancement of cognitive performance, prevention of debilitating brain conditions and effective treatment of mental health and substance use conditions.



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