PODCAST & MEDIA ONE-SHEET

Is today's AI actually intelligent?

William A. Lambos, Ph.D. — author, *Brain-Inspired Artificial Intelligence*

William A. Lambos, Ph.D., brings together neuroscience, clinical neuropsychology, and data science to rethink what AI is missing — and what the brain already knows.



ABOUT THE GUEST

William A. Lambos, Ph.D., is a licensed clinical neuropsychologist, neuroscientist, and data scientist whose work studies the intersection of biological brain function, computation, and artificial intelligence. His expertise includes quantitative EEG, brain connectomics, EEG functional neuroimaging, neuropsychological assessment, neural network architectures, analytics, and AI/ML modeling.

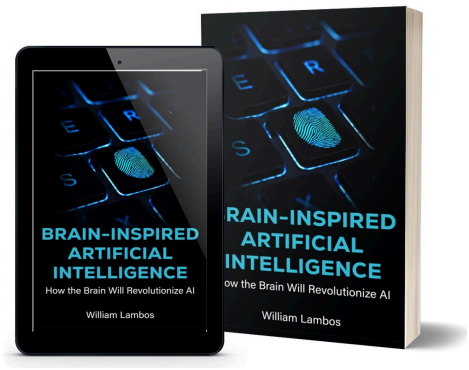
In *Brain-Inspired Artificial Intelligence: How the Brain Will Revolutionize AI*, Dr. Lambos challenges the assumptions behind today's AI systems and shows why the future of machine intelligence may depend on a greater understanding of the biological brain. He is also the author of the Lamb_OS Substack, where he writes about neuroscience, computation, and the limits of current AI.

SUGGESTED QUESTIONS

- Your book argues today's AI isn't truly intelligent. What is it missing?
- Why won't bigger models and more data get us to human-like intelligence?
- What is "agency," and why do you call it the missing core of AI?
- Why do large language models hallucinate, and can that be fixed?
- What can a neuropsychologist see about AI that engineers might miss?
- Is AGI possible? What would it actually require?
- How should investors tell which AI companies are on the right track?

TALKING POINTS

- Hallucinations and context failures are symptoms of a flawed premise, not engineering glitches.
- Human-like intelligence requires agency, embodiment, biological need, and the pursuit of meaningful goals.
- Prediction, salience, pattern recognition, and world models are what brain-inspired design must capture.



THE BOOK

Brain-Inspired Artificial Intelligence: How the Brain Will Revolutionize AI
NeuroShift Publishing, 2026

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