



## **Dr. Matthew Brown, Ph.D.**

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***“Cognitive AI in medical imaging: Bridging the chasm between R&D and patient care”***

### **Abstract**

Cognitive AI is broadly defined as enabling human level reasoning and intelligence. We have developed SimpleMind, an open source Cognitive AI software platform that adds human-like knowledge and reasoning to deep neural networks. Using SimpleMind, our team is making AI more reliable and trustworthy in the critical task of medical image interpretation. In this talk we will outline our Cognitive AI research and its impact in patient care.

### **Biography**

Matthew Brown is inspired to create true machine intelligence that can see and understand the world as we do. He received his PhD in computer science from the University of New South Wales and is a professor of Radiological Sciences at UCLA. Matthew is the director of the UCLA Center for Computer Vision and Imaging Biomarkers and also co-founded MedQIA, a contract research organization that analyzes images in clinical trials for the pharma, biotech, and medical device industries.

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