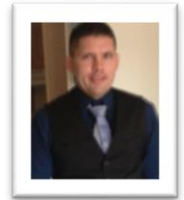


The Earth is Everchanging: The Convergence of the Planet's Neuroscientific Disciplines and the Détente of Dueling Ontologies & Epistemologies in a Brave New World of Humanistic Disruptive Innovation

Darren W .Aitchison
National-Louis University Chicago, USA



Abstract

As our ability produce images of the human brain that are vastly superior to those of our previous generation of scientists and scholars. The successes of technologies such as SPECT imaging impact on our understanding of the brain, and how to use that knowledge to improve the ways one person teaches another is one of the most important innovations in the field of education in the past 150 years. But more recently, neuroscience has become “the great equaliaer.” When applied in new and outside the box ways, neuroscience has a special power to break down barriers based on epistemological grounds that were once considered by many to irreconcilable. It also has the same potential within competing camps of individual epistemolies as well. And what we are seeing, using neuroscience as a lens, that there world's great scientific disciplines that have studied the human brain are starting to come closer and closer together. Researchers in the fields of education, applied & cognitive psychology, psychiatry, behaviorism, sociology, and evolutionism are becoming convergent. We are learning that each of these discilnres are experts on certain aspects or “areas” of the brain, each a piece to a puzzle that humankind has pursued since the enlightenment, “How does learning happen?” This session concludes with some published examples in this new era of collaboration between behaviorist and cognitivist scholars.



Biography:

Darren Aitchison is a holds bachelor's degrees in Chemistry (University of Iowa, Iowa City, IA USA) and Education (University of Northern Iowa, Cedar Falls, IA USA) graduate degrees in Special Education, School Leadership (National-Louis University, Chicago IL USA) and Behavior Analysts (The Chicago School of Professional Psychology, Chicago, IL USA) and is currently pursuing his doctorate at National-Louis University. His dissertation topic is using Acceptance & Commitment Therapy (ACT) to improve Restorative Justice mediaitos in school settings. He currently serves as the Director of Training & Innovation for the Restorative Justice Alliance International.

[26th World Congress on Neurology and Neurodisorders, 2020](#) August 26-27, 2020

Abstract Citation:

Darren W. Aitchison, The Earth is Ever-changing: The Convergence of the Planet's Neuroscientific Disciplines and the Détente of Dueling Ontologies & Epistemologies in a Brave New World of Humanistic Disruptive Innovation; Neurodisorders Congress 2020, 26th World congress on Neurology and Neurodisorders; August 26-27, 2020