

Mental Health, Psychiatry and Wellbeing

March 20-21, 2019 | New York, USA

ACCEPTED ABSTRACTS

INTERNATIONAL JOURNAL OF EMERGENCY MENTAL HEALTH AND HUMAN RESILIENCE 2019, VOLUME 21

DOI: 10.4172/1522-4821-C2-030

Understanding and evaluating the female psyche: The use of health outcomes, bioethics, artificial intelligence in psychiatry

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Problem Identification: “The United States Institute of Medicine released a 1999 report called “To Err is Human”. It indicated between 44,000-98,000 deaths occurred in the U.S. every year due to medical error.

Solution: Artificial intelligence (AI), health economics, health outcomes, combined with Bioethics & Jane Loevinger’s principles of ego development have the potential to train artificial neural networks (ANNs)

as statistical learning models which emulate the most objective assessment for a patient’s wellbeing. By creating a system that can override human error in clinical decision-making using bioinformatics, bioethics, health outcomes, developmental economics, health economics & data on human flourishing we can potentially improve health outcomes, reduce morbidity & mortality in mental health. The mind can be modified without interference by substances that may compromise personal authenticity, cloud judgment and cause adverse events. The research suggests that through processes that facilitate neuroplasticity with a person with trauma, we can develop the mind to a higher level. Through post-traumatic growth using medicines and/or Eastern

practices & Buddhist psychology, trauma can be a precursor to human flourishing, higher levels of intelligence & human development. This presentation shares the research with a new model for labeling mental illness in the context of the Hippocratic oath, human flourishing and economic development. By weaving together bioinformatics and patterns of recognition using artificial neural networks with artificial intelligence (AI) we can reduce adverse events, improve disability indexes & outcomes in mental health. We discuss the best minds and how we can preserve them through objective decision-analytic tools & bioinformatics using AI technology. Specifically focused on the female psyche.

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