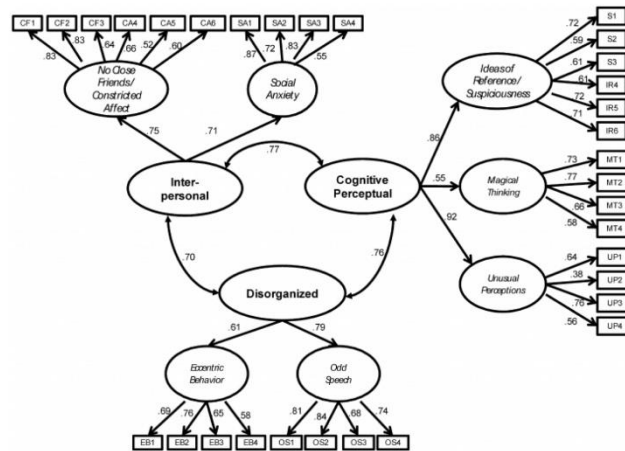


SATURDAY SCIENCE

All hands on deck: The importance of multidisciplinary 'big data' approaches for solving serious mental illness

A free public lecture by
Dr. Alex S. Cohen



About the Lecture

Dr. Alex S. Cohen is an Associate Professor in the Department of Psychology at LSU, as well as Director of LSU's Affective Science and Psychopathology Laboratory and adjunct at the Pennington Biomedical Research Center in Baton Rouge.

Serious mental illness (e.g., schizophrenia, bipolar disorder, depression) reflect some of the most costly and devastating illnesses in the world. In the last century, virtually every academic discipline has separately attempted to understand the causes of mental illness. This has yielded very little substantive advances, as we still have a very poor understanding of these illnesses, very rudimentary treatments and no cures. With recent breakthroughs in computational power, informatics, inexpensive and sophisticated technologies, and behavioral and neuro-sciences more generally, this may change in the coming decades. Solving serious illness will likely require multidisciplinary teams of scientists savvy with big data analytics.

17 March 2018, 10-11:00 a.m.

Room 130 Nicholson Hall, LSU



College of
Science
Department of Physics
& Astronomy