

Abstract Submitted
for the MAR16 Meeting of
The American Physical Society

Physics of Intrinsic and Extrinsic Factors that Cause the Onset of the Deadliest Illness of Mankind and are Important for Diagnostics and Treatment ARJUN SAXENA, retired —

One of the most important topic of research in the field of Physics of Behavior is the deadliest illness of mankind which is the group of illnesses called mental illnesses. They are getting attention increasingly worldwide by the medical communities and their respective governments, because of the following fact. It is now well established that these illnesses cause more loss of human lives, destruction of families, businesses and overall economy than all the other illnesses combined. The purpose of this paper is to identify and provide solutions to two fundamental issues of such illnesses which still remain as problems. One is the stigma associated with them because of their name “mental”. The patients are regarded as less than normal because their illness is only “mental” in origin. The second is that it is still not widely recognized that they are caused by medical problems in their “brain” which afflict their “mind”. This paper explains this and gives an improved 3-D model using the physics of intrinsic and extrinsic factors of both “brain” and “mind”. It leads to an important new name, “BAMI” (Brain and Mind Illness), which eliminates the stigma and gives quantitative parameters to diagnose the illness and monitor medicines to treat such illnesses.

ARJUN SAXENA
retired

Date submitted: 07 Mar 2016

Electronic form version 1.4