

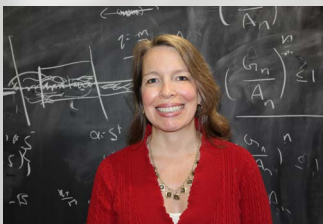
Gun Violence: Actuarial Analysis & Mathematical Modeling



April 3, 2018
5:30 pm
117 Hayes-Healy

Kristen Moore, Ph.D.

University of Michigan



Kristen Moore is an Associate Professor of Mathematics and is the Associate Chair for Education in the Mathematics Department at the University of Michigan. She holds a BS in Mathematics from Bucknell University and an MS and Ph.D. in Mathematics from the University of Connecticut. She also passed the series of professional examinations that lead to the Associate of the Society of Actuaries (ASA) designation.

Dr. Moore's research focuses on qualitative and quantitative properties of solutions to differential equations and free-boundary problems that arise in actuarial and financial mathematics. In particular, she studies strategies to minimize the probability of financial ruin in retirement. In earlier work, she studied differential equations that govern the motion of nonlinearly suspended structures such as suspension bridges.

Recently, Dr. Moore directed the Industry Partnership Program (IPP) at the University of Michigan. The IPP is designed to facilitate collaboration between academics and practitioners in insurance and actuarial and financial mathematics on problems that are directly relevant to industry.

Prior to graduate study, Dr. Moore worked in the insurance industry for four years.