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NAVIGATING UNCERTAINTY TASK FORCE ACTUARIAL SCIENCE, RISK MANAGEMENT AND INSURANCE



The Surprising Evolution of Probability

**By
Herbert I. Weisberg, Ph.D.**



**Wednesday, December 3rd, 2014
4:00-5:00pm
3070 Grainger Hall**

The basic concept of probability is now universally accepted as the appropriate mathematical measure of uncertainty. However, this modern understanding is in fact historically very recent, and evolved gradually from an earlier, and quite different, perspective. In his new book, *Willful Ignorance: The Mismeasure of Uncertainty*, Herb Weisberg traces the evolution of modern probability and its momentous effects on statistics and scientific thought. In this talk, Herb will explain how he has arrived at the provocative conclusion that probability is not the full measure of uncertainty and why statistics may be due for a major overhaul.

Herbert I. Weisberg, Ph.D.

Herbert Weisberg, president of CAUSALYTICS, LLC, received his B.A. in Mathematics from Columbia and Ph.D. in Statistics from Harvard. He has had a long career as a statistical consultant, and published three books related to statistical theory and practice. Herb is a Fellow of the American Statistical Association and is currently involved in developing innovative methods for predictive analytics.



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