Sheldon Howard Jacobson, Ph.D.
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Websites:	http://shj.cs.illinois.edu
Bed Time Research Institute:	http://btri.cs.illinois.edu
Mathematics of March Madness:	http://bracketodds.cs.illinois.edu
Presidential Election Forecasting:	http://electionanalytics.cs.illinois.edu
Obesity & Transportation:	http://drivingobesity.cs.illinois.edu
Computational Redistricting:	http://redistricting.cs.illinois.edu

Primary and Affiliate Appointments:
Professor of Computer Science
Professor of Mathematics (College of Liberal Arts & Science)
Professor of Medicine

Operations Research, Artificial Intelligence
Data Science, Public Policy

Theory
   Decision-making under Uncertainty and Risk Assessment
   Optimization-based Artificial Intelligence
   Computational Optimization Approaches to Causal Inference

Applications
Public Policy and Public Health
   Obesity, Transportation, and Energy
   Murder Rate Trend Analysis
   Cell Phone Bans and their Impact on Accident Rates
   Data-driven Infectious Disease Trend Analysis

Aviation Security Modeling and Analysis
   Aviation Security System Design and Analysis
   Risk-Based Security Screening Strategies
   Security Technology

Political and Social Science Modeling
   Presidential Election Forecasting (http://electionanalytics.cs.illinois.edu)
   Computational Redistricting & Gerrymandering Analysis
   Optimization-Based Design of Causal Inference Experiments

NCAA Basketball and Sports Analytics
   Mathematics of March Madness
   Statistical Analysis of Tournament Seedings
   Strategies for Bracket Analysis