

Major Publications

A Genetically Modified Liability Insurance Contract, uses "genetic programming" and other mathematical techniques to show how insurers and courts could construct a better liability insurance contract by paying greater attention to statistical characteristics of lawsuits that befall the insured and by constructing a somewhat more complex duty to settle. (publication expected early 2008 in the Connecticut Insurance Law Journal)

The Insurance Industry, in the International Encyclopedia of Social Science (forthcoming early 2008)

Children and Insurance, in Chicago Companion to the Child (University of Chicago Press, forthcoming 2008)

Restricted Non - Cooperative Games, in 4488 Lecture Notes in Computer Science 170 (Yong Shi, et. al. eds., 2007) (7th International Conference in Computational Science, Beijing)

The Network Structure of Supreme Court Jurisprudence, in *Applied Mathematica: Proceedings of the 7th International Mathematica Symposium* (August 2005) (ISBN 1-57955-050-9) (discussed in *The Wisdom of Hercules*, *The Economist*, August 27, 2005, and available at http://www.economist.com/science/PrinterFriendly.cfm?Story_ID=4316174) (a revised version is available in 10 *The Mathematica Journal* 501 (2007))

GCANS: Global Cellular Automaton Networks, in Proceedings of the 6th International *Mathematica* Symposium (August 2004)

Simpler Games: Using Cellular Automata to Model Social Interaction, in *Challenging the Boundaries of Symbolic Computation: Proceedings of the 5th International Mathematica Symposium* (July 2003), (Peter Mitic et. al., eds., 2003) (ISBN 1-86094-363-2)

Visualizing Adverse Selection: An Economic Approach to the Law of Insurance Underwriting, 8 Conn. Ins. L.J. 435 (2002)

Foreword, Children's Health: A Time for Optimism?, 1 Hous. J. Health L. & Pol'y 1 (2001) (coauthored with Mary Anne Bobinski)

Foggy Games and the Structure of Legal Rules, in *Symbolic Computation: New Horizons: Proceedings of the Fourth International Mathematica Symposium* (Yoshihiko Tazawa, et. al., eds., 2001) (ISBN 4-501-73020-X C3041)

Behavior and Learning Under Law: Automata Containing Evolutionary Algorithms, 8 *The Mathematica Journal* 301 (2001) (co-authored with Christian J. Jacob and revising our *Automata Containing Evolutionary Algorithms: Behavior and Learning Under Law*, in Proceedings of the Third International *Mathematica* Symposium (1999), available at <http://www.risc.unilinz.ac.at/conferences/summer99/ims99>)

Insurance Regulation, in 3 *The International Encyclopedia of Law and Economics* 837 (Boudewijn Bouckaert & Gerrit De Geest eds., 2000)

Automata Containing Evolutionary Algorithms: Behavior and Learning Under Law, in Proceedings of the Third International *Mathematica* Symposium (1999), available at <http://www.risc.unilinz.ac.at/conferences/summer99/ims99>

Modeling Law: Using Cellular Automata to Study Legal Regulation of Conflicting Land Use, in *Innovations in Mathematics: Proceedings of the Second International Mathematica Symposium* (1997) (ISBN 9525153029)

The Interaction of the Tort System and Liability Insurance Regulation, 2 U. Conn. Ins. L.J. 91 (1996)

Visualizing Moral Hazard, 1 U. Conn. Ins. L.J. 97 (1995)

Reconsidering The Duty to Settle, 42 Drake L. Rev. 741 (1993)

Note, Removing Books From School Libraries, 96 Harv. L. Rev. 151 (1983)

‡ Work in Progress

The Network Structure of the Law, a lengthy monograph that will combine network theory and *Mathematica* code to analyze various legal networks including the Uniform Commercial Code, the United Nations Convention on Contracts for the International Sale of Goods (CISG), and the entire corpus of Supreme Court jurisprudence, as well as chapters on the creation of synthetic legal networks and network theory.

Other Publications And Speaking Engagements

Legal Publications

A Category 5 Mistake if We Expand Windstorm Coverage, *Houston Chronicle*, August 28, 2006
Court Finds ERISA Bar To Maryland Effort To Force Large Employers to Provide Limited Health Insurance (August 2006) <[http://www.law.uh.edu/healthlawperspectives/\(SC\)-MDERISA.pdf](http://www.law.uh.edu/healthlawperspectives/(SC)-MDERISA.pdf)>

Texas Medical Malpractice Reform: Introduction, *Health Law News* (November 2005)

The Network Structure of Supreme Court Jurisprudence (June 2005)
http://papers.ssrn.com/sol3/papers.cfm?abstract_id=742065

High Deductible Health Plans: The Limits of Analytic Economics (June 2005) (Poster presented to the American Society of Law, Medicine & Ethics Health Law Teachers' Conference)

Game Theory Looks at Florida's Three Strikes Laws (December 2004)
<[http://www.law.uh.edu/healthlawperspectives/\(SC\)ThreeStrikesRev2.pdf](http://www.law.uh.edu/healthlawperspectives/(SC)ThreeStrikesRev2.pdf)>

Court: Insurers Must Be Even Clearer In Explaining Retroactive Dates in Group Medical Malpractice Policies (August 2004) [http://www.law.uh.edu/healthlawperspectives/\(SC\)Presidentv-Jenkins2.pdf](http://www.law.uh.edu/healthlawperspectives/(SC)Presidentv-Jenkins2.pdf)

New Jersey Supreme Court Restricts Use of Contract in Determining Disposition of Frozen Preembryos (August 2001) <<http://www.law.uh.edu/healthlawperspectives/reproductive/010827-NewJersey.html>>

Book Review: Gostin's Public Health Law: A Masterful Restatement, 14 *Health Law Perspectives* 10 (March 2001)

The Genetic Information Nondiscrimination in Health Insurance Act of 1999: Too Fast and Too Federal?, *Health Law Perspectives* (August 2000) <<http://www.law.uh.edu/healthlawperspectives/-Genetics/000803Nondiscrimination.html>>

The Texas-Aetna Settlement: A Significant Experiment in Managed Care Reform, *Health Law Perspectives* (May 2000) <<http://www.law.uh.edu/healthlawperspectives/Managed/000503Texas-Aetna.html>>

Massachusetts Court Diminished Role for Contract in Reproductive Decision, *Health Law Perspectives* (April 2000) <<http://www.law.uh.edu/healthlawperspectives/Reproductive/20000412->

[Massachusetts.html](#)>

Book Review, Undue Risk: Secret State Experiments on Humans, 13 Health Law News 11 (March 2000)

Fifth Circuit Joins Seventh in Rejecting ADA Attacks on AIDS Benefit Caps, Health Law Perspectives (Feb. 2000)< <http://www.law.uh.edu/healthlawperspectives/Disabilities/20000229McNeil.html>>

RICO Unleashed: Humana Case Gives Federal Government More Power to Police Health Insurers, 13 Health Law News 7 (Sept. 1999)

Policing the Insurance Industry: Did Congress Give Away Its Power in 1945?, 3 Supreme Court Preview 156 (Nov. 20, 1998)

Eleventh Circuit Finds No Antitrust Violation in "Preferred Provider" Arrangement by Hospitals, Health Law Perspectives (March 1998)< <http://www.law.uh.edu/healthlawperspectives/Managed/980325Antitrust.html>>

Insurance Insolvency Issues in Professional Malpractice Actions, in 6th Annual Medical Malpractice Conference, Texas Trial Lawyers Association (1995)

The New Technology in Legal Education: Computer Generated Heresy, 14 The Briefcase No. 2 (1994)

Comment, Faculty Roundtable, 11 The Briefcase No. 3 (1992)

Maryland Court Rejects Insured Versus Insured Exclusion, ABA Class Actions & Derivative Suits (1990)

• Science Publications

Exploring Computational Irreducibility and the Predictability of Complex Systems using Mathematica, Proceedings of 2004 New Kind of Science Conference (June 2004) (available as *Mathematica* notebook at <http://www.wolframscience.com/conference/2004/presentations>)