

**ACTUARIAL RESEARCH CLEARING HOUSE
1992 VOL. 1**

26TH ANNUAL ACTUARIAL RESEARCH CONFERENCE

August 7–10, 1991

University of Illinois at Urbana–Champaign

Sponsoring bodies:

The Society of Actuaries

The Canadian Institute of Actuaries

The Casualty Actuarial Society

The Actuarial Education and Research Fund

The organizers gratefully acknowledge contributions from

Allstate Life Insurance Company

State Farm Life Insurance Company

Wednesday, August 7, 1991

7:00–10:00 PM

Reception and registration
University Inn

Thursday, August 8, 1991

8:00–9:00

Registration, Room 321 Altgeld Hall
Coffee, juice & donuts available

All sessions in Room 314, Altgeld Hall

9:00–9:20	Welcome — Larry R. Faulkner, Dean of the College of Liberal Arts and Sciences, UIUC
9:20–9:55	Shapiro, Arnold F., "A Multimedia Computer–Based Colloquium for Actuarial Science Instruction"
9:55–10:30	Dufresne, Daniel, "Distributions of Discounted Values"
10:30–10:45	Coffee break
10:45–11:20	Bluhm, William F., "Development of a CCRC Computer Model"
11:20–11:55	Carlin, Bradley P., "A Monte Carlo Approach to the Analysis of Nonlinear and Non–Gaussian Actuarial Time Series"
11:55–1:15	Lunch, Illini Union, Colonial Room
1:15–1:50	Bailey, Bill, "A Method to Determine Confidence Intervals for Trend"
1:50–2:25	Modisett, Matthew, "General Method for Valuing Interest–Sensitive Cash Flows"
2:25–3:00	Craighead, Steve, "Differential Equation Model for Yield Curves"
3:00–3:15	Coffee Break

3:15-3:50	Klugman, Stuart, "Bayesian Whittaker Graduation"
3:50-4:25	Frees, Edward W. (Jed), "New Horizons: Understanding the Cost of a Warranty"
4:25-5:00	Fuhrer, Chuck, & Shapiro, Arnold F., "Modeling Flexible Benefit Selection"

Friday, August 9, 1991

9:00-9:25	Frees, Edward W. (Jed), "The new <i>Education and Research Section of the Society of Actuaries</i> "
9:25-10:00	Makov, U.E., "The Implementation of Bayesian Credibility Models by a Sampling-Resampling Technique"
10:00-10:15	Coffee break
10:30-11:30	Private tour of Krannert Art Museum
12:00-1:15	Lunch, Colonial Room (Committee on Research on Theory and Applications will meet)
1:15-1:50	Chan, Beda, "Approximations of Ruin Probability by Combinations of Exponential Claims"
1:50-2:25	Carriere, Jacques, "A Nonparametric Test for Heterogeneity of Risk"
2:25-3:00	Nesbitt, Cecil J. & Rosenberg, Marjorie, "Annuities for the Aged"
3:00-3:15	Coffee break
3:15-3:50	Pichet, Claude, "A Model for Pricing under Competition"
3:50-4:25	Portnoy, Stephen, "Generalization of Regression Quantile Ideas to Nonparametric Regression"
4:20-5:00	Cox, Sam, and Linney, Steve, "Progress Report on the SPDA Project"
7:00-	Banquet, Jumers Castle Lodge

Saturday, August 10, 1991

9:00-9:35	Shiu, Elias, "Immunizing Interest Sensitive Cash Flows"
9:35-10:10	Promislow, S.D., & Spring, D., "Axioms for the Internal Rate of Return of an Investment Project"
10:10-10:25	Coffee break
10:25-11:00	Jones, Bruce L., "An Analysis of Long Term Care Data from Hamilton-Wentworth, Ontario"
11:00-11:35	Doherty, Mark G., "Credit Risk of Commercial Mortgages"
11:35-12:00	Huntington, Curtis, "Society of Actuaries' Research Efforts — A Status Report"
12:00-1:30	Lunch, Colonial Room