

# **Robert Goldstein**

## **Academic Experience:**

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|--------------|---------------------|---|
| 2004-current | Associate Professor | University of Minnesota                   |
| 2002-2004    | Associate Professor | Washington University, St. Louis          |
| 2000-2002    | Assistant Professor | Washington University, St. Louis          |
| 1996-2000    | Assistant Professor | Ohio State University                     |
| 1992-1996    | Ph.D., Finance      | University of California, Berkeley        |
| 1987-1992    | Ph.D., Physics      | University of Illinois, Urbana-Champaign  |
| 1985-1987    | MS, Physics         | Simon Fraser University, British Columbia |
| 1980-1985    | BS, Physics         | University of Illinois, Urbana-Champaign  |

## **Teaching Experience:**

|                    |   |
|--------------------|---|
| MBA:               | Investments, International Finance, Fixed Income              |
| Undergraduate:     | Investments, International Finance                            |
| Doctoral Seminars: | Continuous-Time Finance<br>Foundations of Financial Economics |

## **Research Interests**

Term Structure of Interest Rates, Credit Risk, Capital Structure Theory,  
General Equilibrium

## **Accepted/Published Papers (In Finance)**

Jaime Casassus, Pierre Collin-Dufresne, and Bob Goldstein, 2005, Unspanned Stochastic Volatility and Fixed Income Derivatives Pricing, Forthcoming in Journal of Banking and Finance

Pierre Collin Dufresne, Robert Goldstein and Julien Hugonnier, 2004, "A General Formula for Valuing Defaultable Securities", *Econometrica*, 72,1377-1407.

Pierre Collin Dufresne and Robert Goldstein, 2002, "Do Bonds Span the Fixed Income Markets? Theory and Evidence for Unspanned Stochastic Volatility," *Journal of Finance*, 57, 1685-1730.

Pierre Collin Dufresne and Robert Goldstein, 2002, Pricing Swaptions within an Affine Framework, *Journal of Derivatives*, 10, 9-26

Pierre Collin Dufresne and Robert Goldstein, 2001, "Do Credit Spreads Reflect Stationary Leverage Ratios?," *Journal of Finance*, 56, 1929-1958.  
(Nominated for the Smith Breeden Award)

Robert Goldstein, Nengjiu Ju and Hayne Leland, 2001, "An EBIT-Based Model of Dynamic Capital Structure", *Journal of Business*, 74, 483-512.

Pierre Collin Dufresne, Robert Goldstein, and J. Spencer Martin, 2001, "The Determinants of Credit Spread Changes," *Journal of Finance*, 56, 2177-2208.  
(Nominated for the Smith Breeden Award)

Robert Goldstein, 2000, "The Term Structure of Interest Rates as a Random Field",  
*Review of Financial Studies*, 13, 365-384.

Robert Goldstein and Fernando Zapatero, 1996, General Equilibrium with Constant Relative Risk Aversion and Vasicek Interest Rates, *Mathematical Finance* 6, 331-340

### **Completed Working Papers**

Pierre Collin Dufresne and Robert Goldstein, "Generalizing the Affine Framework to HJM and Random Field Models".

Pierre Collin Dufresne, Robert Goldstein and Jean Helwege, "Are Jumps in Corporate Bond Yields Priced? Modeling Contagion via the Updating of Beliefs".

Pierre Collin Dufresne, Robert Goldstein and Christopher Jones, "Identification and Estimation of 'Maximal' Affine Term Structure Models: An Application to Stochastic Volatility".

Robert Goldstein, "The Term Structure of Interest Rates in the Presence of Reflecting Boundaries.

## Invited Presentations

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| General Equilibrium with Constant Relative Risk Aversion and Vasicek Interest Rates   | AFA, 1995  |
| The Term Structure of Interest Rates as a Random Field  | AFA, 1997<br>Fed. Reserve of Cleveland, 1997   |
| On the Term Structure of Interest Rates in the Presence of Reflecting and Absorbing Boundaries                                | WFA, 1998<br>U. Pennsylvania, 1996<br>Northwestern University, 1996<br>Ohio State University, 1996<br>University of Colorado, 1996 |
| An EBIT-Based Model of Dynamic Capital Structure  | WFA, 1998<br>Duke University, 1998   |
| Do Credit Spreads Reflect Stationary Leverage Ratios? (with Pierre Collin-Dufresne)   | University of Illinois, 2000<br>Washington U. St Louis, 2000<br>AFA, 2001  |
| 'True' Stochastic Volatility and a Generalized Class of Affine Models   | Stanford University conference<br>in financial Mathematics 2000  |
| Do Bonds Span the Fixed Income Markets? Theory and Evidence for Unspanned Stochastic Volatility (with Pierre Collin-Dufresne) | AFA, 2002  |
| Generalizing the Affine Framework to HJM and Random Field Models  | WFA 2002:  |
| Are Jumps in Corporate Bond Yields Priced? Modeling Contagion via the Updating of Beliefs                                     | WFA 2003, Carnegie Mellon<br>Conference on Credit Risk: 2002   |
| Identification and Estimation of 'Maximal' Affine Term Structure Models: An Application to Stochastic Volatility              | AEA 2003, WFA 2003   |

## **Editorial Board**

2003-present Journal of Financial and Quantitative Analysis  
2002-2003 Financial Analysts Journal  
2004-present Journal of Investment Management