

Joe Hahn

Clinical Associate Professor, Department of Finance at The University of Texas at Austin, McCombs School of Business

Austin, TX, US

Quantitative analysis for the purposes of modeling risky decision making, price forecasting, and valuation

Biography

Warren Joseph (Joe) Hahn is an educator, engineer, strategist, and researcher who studies how operational decision-making can be optimized under uncertainty, and how such decisions impact firm performance and value. He looks at investments in both conventional and unconventional energy production, and decision analysis problems in a variety of other industries.

Hahn is a clinical associate professor in the department of finance at the McCombs School of Business, The University of Texas at Austin, where he serves as the associate director of the Master of Science in Finance program. Previously, he was an associate professor of decision sciences at Pepperdine University.

His industry experience includes work as a market analysis manager at Shell Trading Gas and Power, a strategy and planning advisor for BP America, and an area reservoir engineer for Vastar Resources. Hahn is a registered professional engineer and a member of the Society of Petroleum Engineers.

He is a member of the INFORMS Decision Analysis Society Council, and is a member of the editorial board of the Decision Analysis journal. He received the Howard A. White Award for Teaching Excellence at Pepperdine University, and is on the McCombs Faculty Honor Roll.

Industry Expertise

Plant Engineering and Operations, Oil and Gas, Energy

Areas of Expertise

Financial Modeling, Strategic Planning, Computational Finance, Environmental Engineering, Petroleum Engineering, Decision Analysis, Pricing, Forecasts and Valuation, Capital Investment Strategies, Real Options, Models of Uncertainty, Valuation and Project Economics, Decision Optimization

Affiliations

INFORMS : Decision Analysis Society Council, Decision Analysis (Journal) : Editorial Board Member, Society of Petroleum Engineers: Member, United States Association for Energy Economics: Member

Event Appearances

A Copulas-Based Dependent Decision Lattice Approach
INFORMS Annual Meeting

Making Decisions With Multiple Attributes: A Case in Sustainability Planning

INFORMS Annual Meeting

Parameter Estimation for Two-Factor Commodity Price Models

INFORMS Annual Meeting

The Winner's Curse and Developing Optimal Auction Bidding Strategies Through Simulation

INFORMS Western Regional Meeting

Education

The University of Texas at Austin

Ph.D. Management Science and Information Systems

The University of Texas at Austin

M.B.A. Business Administration

The University of Texas at Austin

M.Sc. Environmental Engineering

The University of Texas at Austin

B.Sc. Petroleum Engineering

Accomplishments

Faculty Honor Roll

Awarded by the McCombs School of Business at the University of Texas at Austin.

Howard A. White Award for Teaching Excellence

Awarded by Pepperdine University.

Bonham Fellowship

Awarded by The University of Texas.

University Continuing Fellowship

Awarded by the University of Texas.

Testimonials

David Wenger

Joe Hahn is a decision analysis researcher and engineer who specializes in incorporating risk and uncertainty in the analysis of valuation problems in energy and other large-scale industries with complex ramifications.

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