



Tapping into academic research in today's turbulent world





Better than a thousand days of diligent study is one day with a great teacher.

Japanese proverb





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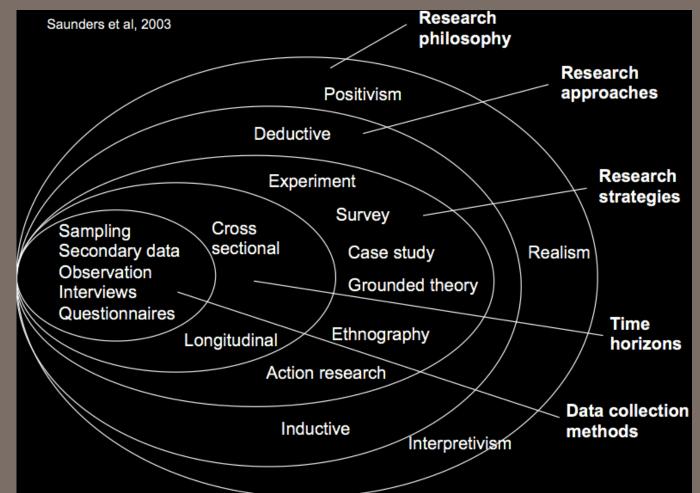
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Goals: Business and Management research

- Identify best practices
- Understand complex
 phenomena
- Predict/forecast an uncertain future



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Options theory (Black, Scholes, Merton, 1970-73)

... [I]t gave a lot of legitimacy to the whole notion of hedging and efficient pricing, ... B-S-M made the perception of gambling fall away. It wasn't speculation, it was efficient pricing. I think the Securities and Exchange Commission quickly thought of options as a useful mechanism in the securities markets and it's probably - that's my judgment - the effects of Black-Scholes. [Burton Rissman, former counsel, Chicago Board Options Exchange].

'When judged by its ability to explain the empirical data, option pricing theory is the most successful theory -- not only in option pricing theory or in finance -- but in all of economics' (Steve Ross, 1987)

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Who Should Buy Portfolio Insurance?

HAYNE E. LELAND*

I. Introduction

Is research applied well?

THE EXISTENCE OF OPTIONS markets can generate new opportunities for portfolio management. As Ross [1976] has shown, a complete set of options markets on a reference stock or portfolio will enable investors to achieve any desired pattern of returns conditional on the terminal value of the reference asset. While "buv-

- Portfolio insurance: create a 'floor' for the value
- 1987: \$90 billion 'covered' by portfolio insurance
- Put synthesis demands futures sales as stocks fall
- Mid 1970s-1987: benefits as reality adjusts to fit model, then -27σ event

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Deriving more value from research

- A research model can bring about the state of affairs of which it was a good empirical description
- Kassouf (1965) regressed options prices against six variables 'Black box' that could not be reasoned about or discussed in as explicit a way as B-S-M
- Publishing requires a knowledge contribution but application examples are valuable
- Time horizons vary: academic-industry
- Academics contribute to industry through teaching and "translation" of research findings to practical settings
- Connecting better how should we do it?



Questions