Kannoo (Ravi) ravindran

Director (PPF)
University of Texas (Dallas)
Naveen Jindal School of Management
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SUMMARY:

Experienced CEO, board member, executive trainer, investor, market maker, hedge fund manager and author with excellent communication skills and hands-on expertise in investing/trading/risk-managing financial and non-financial risks, quantitative modelling of processes and risks, advising disruptive business start-ups/turn-arounds.

EDUCATION

Ph.D. in Probability & Statistics, University of Waterloo, Canada.

INDUSTRY EXPERIENCE:

- ***2020 – 2024***
    - Manager of private equity fund (focussing on event-based strategies for publicly traded stocks in the US markets).
    - Board member of a start-up Canadian life insurance company focussed on bringing a new retirement solution to consumer market.
    - Senior portfolio manager of Nexus Risk Management (Canada).
- ***2000 – 2020***
    - Principal Consultant & Asset Manager - Annuity Systems Inc. (Canada), a boutique risk-management consulting firm advising billion dollar multi-national corporations and governmental organizations on all aspects of risks (including trade executions), strategy, M&A in the finance, energy, commodity industries and providing executive education training. Managed in excess of USD 100 billion dollars in assets supporting variable annuities and fixed indexed annuities and private equity funds focussed on a myriad of strategies and investing in disruptive start-ups.
- ***Past Executive Appointments Include***
    - CEO – RGA Financial Products (subsidiary of Reinsurance Group of America).
    - Global Head Exotic Derivatives (Sales & Trading) – Toronto Dominion Bank.
    - Global Head Equity Derivatives (Trading) – RBC Dominion Securities

RECENT TEACHING EXPERIENCE:

- ***University of Texas, Dallas (Jindal School of Management)***
    - Graduate Program
        - Corporate Risk Management
    - Undergraduate Program
        - Principles of Risk Management & Insurance.
        - Foundations of Risk Analytics & Applications.
        - Breaking Into Wall Street.
- ***Drake University (Zimpleman College of Business)***

- Undergraduate Program
  - Advanced Short-Term Actuarial Mathematics.
  - Statistics For Risk Modelling.
  - Capstone Course In Actuarial Science.
  - Portfolio Analytics.
  - Probability.
- ***Mcmaster University (DeGroote School of Business)***
  - Graduate Program
    - Fixed Income.
- ***National University of Singapore (Risk Management Institute)***
  - Graduate Program
    - Stochastic Calculus.
    - Corporate Finance.
    - Entrepreneurial Finance.
- ***Reykjavik University***
  - Graduate Program
    - Applied Derivatives.
    - Applied Probability.
    - Finance Underlying Cryptocurrency and Blockchain.
    - Mathematics of Derivatives.
    - Derivatives & Real Options.
    - Mathematical Methods In Finance & Real Options.
    - Capstone Course In Asset & Risk Management Practicum.
    - Financial Mathematics & Real Options.
  - Bachelors Program
    - Derivatives.
    - Rotman International Trading Competition
- ***Reykjavik University (Department of Financial Engineering)***
  - Masters (Financial Engineering) Program
    - Applied Probability (2008).
    - Derivatives & Real Options (2009 - 2012).
    - Mathematical Methods In Finance & Real Options (2010-2012).
  - Bachelors (Financial Engineering) Program
    - Derivatives (2007-2008).

RECENT VISITING AND ADJUNCT APPOINTMENTS:

- DeGroote School of Business, Mcmaster University, Canada. (2023).
- Department of Business, Reykjavik University, Iceland. (2005 -).
- Department of Financial Engineering, Reykjavik University, Iceland. (2007- 2012).
- Risk Management Institute, National University of Singapore (2014 - 2021).

RECENT SUMMARY OF SERVICE:

- ***University of Texas (Dallas)***
  - Faculty Advisor (Financial Leadership Association).
  - Director (PPF)
- ***Drake University***
  - Travellers Actuarial Case Competition Coach (2024)
- ***Reykjavik University***
  - Rotman International Trading Competition Coach (2019 – 2020)
  - Supervised Masters Thesis.
- ***Singapore Society of Actuaries Annual Conference***
  - Invited speaker. "Equity Based Guarantee Products In US." 2023.
  - Invited speaker. "Innovative Retirement Solutions." 2024.
- ***Society of Actuaries***

- Chairman of SOA Equity Based Insurance Guarantee Webcast (2024).
- Chairman of SOA/CBOE Equity Based Insurance Guarantee Conference (2024).

NOTEWORTHY ACHIEVEMENTS AND AWARDS:

- Rang Opening Bell at Chicago Board of Options Exchange (19 Nov 24)
- Society of Actuary's Presidential Award (2020).
- Author of "Customized Derivatives".
  - Financial Times non-fiction best sellers list. 1998.
- Distinguished Teacher Award (University of Waterloo). 1990.

RECENT BOOKS:

- Non-traditional Life Insurance Products With Guarantees. Co-editor with Tigran Kalberer. (2016).
- Mathematics Of Financial Models: Solving Real World Problems With Quantitative Methods. (2014).
- Variable Annuities: A Global Perspective. Co-editor with Tigran Kalberer. (2009).

RECENT ARTICLEs IN REFEREED JOURNALS/BOOKS:

- Simply Integrating Complex Options (2024). (with T. Root & T. White). *Submitted for publication to Journal of Derivatives*.

CURRENT RESEARCH INTERESTS:

- Finance & Actuarial Science: Risk-management, derivatives, trading, insurance, Dpension, stochastic mortality, extreme value distribution.
- Predictability Analytics and large data: Bayesian statistics, Generative AI, Neural Nets, non-informative priors and information theory, consumer behavior
- Applied probability: Queuing Theory, operations research, decision and game theory
- Others: Recreational mathematical problems, Teaching