

JESSE KENDALL, Ph.D.

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ASTUTE ECONOMIST

Enthusiastic to take on challenging projects involving product development, pricing, modeling, reserving, profit testing, and financial reporting in support of key organizational business objectives. Background as an economist with specialization in finance and expertise in mathematics/ probability/ statistics. Notable practical experience and success in applying modeling skills to frontier research problems in investment, portfolio analysis, and asset pricing.

Areas of Interest and Expertise

Insurance Products... Net & Gross Premium... Reserve... Expenses... Profit Testing... ULIPs... Interest Rate Risk Management Using Gap Analysis... Duration & Convexity... Matching & Immunization... Risk Management with Options... Derivatives... Futures... FRAs... Caps... Floors... Collars... Swaps... Financial Statement Analysis... Financial Reporting... Value at Risk... Simulation... Stochastic Model Construction

PROFESSIONAL EXPERIENCE

UNIVERSITY OF ABC

, *Division of Social Sciences*, Rio Rancho, NM – 8/20xx to 5/20xx

Teaching Specialist, Department of Economics and Management:

Taught 160+ undergraduate students all aspects of investment and portfolio analysis, transnational enterprise, macroeconomic theory, and principles of macroeconomics. Collaborated with senior faculty to teach economic growth and development. Covered valuation of future cash flows, valuation of bonds, term structure of interest rates, forward contracts, binomial option pricing models, portfolio theory, exchange rates, and globalization. Designed curriculum and conducted lectures. Prepared class exercises, assignments, and exams. Effectively communicated complex topics into layman's language. Supervised teaching assistants and graders.

- Gained expertise in people management and motivation by leading students through mini-projects and challenging curriculum.
- Tapped into strengths in time management, multi-tasking and high-impact presentation delivery to ensure success.

UNIVERSITY OF BCD

, *Department of Economics*, Rio Rancho, NM – 8/20xx to 1/20xx

Instructor,

8/20xx to 1/20xx:

Taught financial economics, macroeconomic policy, money and banking, intermediate microeconomics, and principles of microeconomics and macroeconomics along with honors.

Teaching Assistant,

8/20xx to 5/20xx: Conducted recitations for principles of macroeconomics.

RESEARCH AND MODELING EXPERIENCE

- **Doctoral Thesis:**

Developed a dynamic asset allocation model in continuous time to analyze trading and consumption strategies of an investor with the option to choose retirement time. Employed non-convex stochastic optimization, optimal stopping theory, and martingale analysis to derive optimal portfolio weights under multiple economic scenarios, including liquidity constraints. Performed simulations and graphical analysis in MATLAB.

- Demonstrated expertise in creating Excel spreadsheets and programs in VBA and MATLAB to build cash flow models, calculate duration of a portfolio, formulate immunization strategies, and price financial instruments such as options and derivatives using Black-Scholes-Merton model, finite difference methods, and Monte Carlo simulation.

HONORS, FELLOWSHIPS, AND EDUCATION

Department of Economics Fellowship, UNIVERSITY OF XYZ,

Rio Rancho, NM, 20xx to 20xx

Visitor, Mathematics Department, XYZ INSTITUTE OF SCIENCE,

Rio Rancho, NM, September 20xx

Ph.D., Economics, Department of Economics, UNIVERSITY OF XYZ,

Rio Rancho, NM, 2008

M.Phil., Economics, XYZ INSTITUTE OF DEVELOPMENT RESEARCH,

Rio Rancho, NM, 2003

M.Sc (Integrated) Physics XYZ INSTITUTE OF TECHNOLOGY,

Rio Rancho, NM, 1996

TECHNICAL SKILLS

Microsoft: Excel, Access, Word, PowerPoint, SAS, SQL, VBA, MATLAB