# University of Melbourne Department of Mathematics and Statistics

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Grange Asset Management

#### **Career Overview**

#### **Academic Qualifications**

- O B.App.Sc (Maths) QUT
- Fellow of the Institute of Actuaries of Australia

#### Work Experience

- 1986 2000: Towers Perrin (Russell Global Investments) and Mercer
  - Actuarial Analyst, Actuary and Consultant
- □ 2000 2002: BT Funds Management
  - Head of Institutional Business (Corporate Super)

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- Project Manager Human Resources
- O 2004 present : Grange Asset Management
  - Chief Executive Officer



## **Highlights**

Consulting and Actuarial work

- ✓ Pioneered work in the field of statistical inference within asset consulting in Australia (86 88)
- Involvement in significant financial projects: (Yoy Lang B privatisation)
- Breadth and variety were the key ("Financial Engineer"):
  - Advice to General insurers, life insurers, superannuation trustees, investors
  - Tattslotto case, pet health care, expert witness, loyalty programs

#### BT Funds Management and Australian Gas & Light

- BT Key role in research and introduction of new investment strategy/products that signaled dramatic shift in company's direction
- Implemented major change to employee benefit program at AGL, and managed communication change program with all stakeholders satisfied:
  - Employees, Executive Team, AGL Board, Unions
  - Invaluable corporate experience



### **Introduction to Grange**

- Grange Securities Ltd established since 1995
- Grange Asset Management Ltd established 2004
- Over 120 staff servicing Australia and Asia Pacific region from offices in Sydney, Melbourne, Brisbane & Perth
- Acknowledged leader in the development of Australia's interest rate and hybrid securities market
- Key business includes asset management, fixed interest, equities, corporate advisory, property investment, private investor services
- Since January 2000, Grange has participated in over 76 publicly announced issues
- Grange consistently ranks with the global investment houses for new issues



### **Graduate Roles at Grange Securities**

- Fixed Interest and Equity Divisions:
  - Undergraduate degree is entry point: Commerce, Finance, Maths, Economics
  - historically graduates taken from major banks once they have completed "rotation" period;
  - Graduates start as assistants to experienced brokers and/or senior research analysts
  - Other opportunities in Structured Product Division Designing, testing and pricing sophisticated investment products (CDOs, capital protected investments using derivatives)
  - Exposure to financial markets trading activities, pricing, performance analysis
- O Corporate Finance Division
  - Masters qualification level required and/or additional major outside of Maths
  - Recruiting at Grange occurs on an opportunistic basis
  - More likely to be progression point rather than initial starting point
  - Involvement in M&A activity, corporate balance sheet management
  - Exposure to CEO's and CFOs
  - Mathematical skills provide modeling capabilities and general analytical expertise



### **Graduate Roles at Grange Securities**

- Funds Management
  - Undergraduate degree, Honours level preferred: Commerce, Finance, Economics and Maths
  - Limited graduate intake: business growth will determine
  - Exposure to range of portfolio management activities:
    - Pricing of complex financial assets (DCF techniques, option pricing)
    - Performance attribution quantifying contributors to performance
    - Risk Management modeling market risk, and individual security value at risk
    - Interaction with money managers, asset consultants, planners, trustees
- Why Funds Management?
  - Australia is fourth largest funds management industry in the world (\$1 trillion) and 5<sup>th</sup> largest pension market (\$700bn)
  - Melbourne has a dynamic funds management industry and this will increase through VFMC and Future Fund



#### **Grange Preferred Candidate**

- **O** Qualities in a Mathematician:
  - Analytical, problem solver, independent thinker
  - Ability to apply knowledge and skills to other fields
- Qualities in a preferred math candidate for Grange
  - Solid academic achievement is important
  - Can articulate reasons for choosing a career path with Grange
  - Willing to take on additional studies to succeed (Finance, CFA, FIAA)
  - Fit with our culture: team player, motivated and success orientated
  - Good communication skills: written and verbal







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