

KWOK C. CHAN (WILLIAM)

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EXPERIENCE

Ale & Wang, Inc.

South Salem, New York

February 2015 – Present

Founder and President

- Responsible for developing the company's vision and strategic direction, leading the management team, expanding operations for import-export business line, and developing food products or relevant merchandise for global customers.

Paloma Partners

Greenwich, Connecticut

June 2004 – February 2015

Senior Vice President, Risk Management

- Supported President/CRO in risk and investment managing for a multi-billion hedge fund with focus on multi-strategy, responsible for the risk oversight, asset allocation, manager selection, portfolio performance as well as adding value to the portfolio managers' and analysts' investment process. Risk oversight is conducted on a current and time-series basis including: (1) Portfolio Market Risk Management, (2) Trading Teams' Portfolio and Performance Evaluation, (3) Trading Limits Compliance, (4) Model Evaluations, and (5) Credit and Counterparty Risk. The value-added analysis will include identifying hedging strategies, finding new trade ideas, and evaluating existing and potential new investment teams.
- The fund consists of 20+ trading groups. It runs on multi-strategies & managed account platforms, which includes: Algorithmic/ Statistical Arbitrage, Capital Structure/Volatility Arbitrage, Credit Relative Value, Event Driven, Fixed Income, Long/Short Strategy and others such as Asia strategy.
- Day-to-day responsibilities include: (1) oversee day-to-day risk management issues such as measure, monitor, report, and manage portfolio and market risks; (2) evaluate trading team's performance, portfolio construction and capital usage; (3) oversee day-to-day trading risk limit for all trading teams; (4) overall identify top risks in the portfolio and recommend solutions to reduce risk where possible; (5) inform key risk positions to the President/CRO and other senior managers; (6) identify key drivers for previous day P&L.; (7) review daily capital usage; and (8) estimate daily aggregate fund P&L.
- Interact with Quantitative Risk Management Team for product approvals, models evaluation, risk methodologies discussion, and in-house RMS "Risk Management System" improvement.
- Ad-hoc risk analysis projects such as Risk vs. Return, Liquidity, Portfolio Concentrations, Portfolio Construction and Performance, Trading Teams' Performances and Markets Correlations, VAR Analysis, and Stress Loss.
- Enhance current policies and procedures for the risk management functions.
- Created the first Market Risk Limit Management Policy and implemented successfully for Paloma. It intends to monitor the aggregate risks of Paloma and to ensure all trading teams are in compliance to their respective risk mandates.
- Credit and Counterparty Risk Assessment including (1) monitoring positions, exposures and dollar risk across Prime Brokers and counterparties and (2) monitoring financial condition of counterparties to ensure proper creditworthiness.

Standard Chartered Bank
Feb 2004 – June 2004

Singapore

Trading Risk Manager, Interest Rate Derivatives Desk

- Deputy Manager for the IRD market risk team.
- Oversee the BAU "*Business As Usual*" department to ensure the risk reporting and control procedures are properly carry-out and managed.
- Regional risk manager for North East Asia region. Products include: Deliverable Forwards, Non-Deliverable Forwards, Cross Currency Swaps, Interest Rate Swaps, Interest Rate Swaption (European & Bermudan), and OTC Options.
- Other responsibilities include establish policies and procedures for risk controls; inform key risk positions to senior managements; review and approve reserve; and review and approve models changes in coordination with global risk team.

The Royal Bank of Scotland
April 2001 – Feb 2004

New York, NY

Trading Risk Manager, Interest Rate Derivatives Desk

- Establish policies and procedures for the identification, quantification, control and recommended sanctioning of markets risks in trading.
- Evaluate risk and recommend risk control measures for new business products or proposed changes to products.
- Inform management of key risk positions and work with desk management to develop appropriate course of action in addressing areas of concern.
- Develop and enhance risk measurement methodologies to raise quality and meet changing user requirements.
- Coordinate with Product Control on issues pertaining to pricing and reserves, as appropriate.
- Review and approve model changes in coordination with global risk team.
- Identify key P&L drivers and perform back-testing exercise, interact with Finance.
- Daily monitoring of risk utilizations versus established limits; investigating and escalating excesses and other issues as appropriate, which involves
 - (1) Analysing exposure to losses resulting from changes in market prices or rates on trading;
 - (2) Ensuring risk exposures and trading instruments are within the guidelines of the IRD Limit Structures;
 - (3) Performing potential stress scenarios;
 - (4) Informing trading desks of all relevant market risk policies and monitoring their compliance;
 - (5) Setting risk limits in conjunction with trading desks.
- Develop tools to better understand & report IRD risks. Tools included:
 - (1) Day-on-day changes, daily back-testing tools, limits monitoring;
 - (2) Spreadsheet to analyse Vega concentration/skew;
 - (3) Spreadsheet to analyse Vega higher order risk due to interest rate change;
 - (4) Spreadsheet to estimate the P&L based on market moves for the Swap, Option and OBS desks.
- Evaluate and perform PV & risk figures comparison tests for new GDS release and pricing models.

INDEPENDENT CONSULTANT
February 1999 – April 2001

Penang, Malaysia

RISK LIMITED CORPORATION

- Responsible for servicing and developing existing and new clients in risk management advisory

services (in the area of equities, currencies, energy, and interest rates) for Pacific Rim clients including utilities, financial institutions, multinational corporations, insurance companies, and fund managers. In addition to risk management advisory, help define opportunities, devise strategies, and implement IT solutions for mid-size companies and corporate. Using intranets and extranets to help customers to communicate with their existing customers in a more efficient manner. Above all, assisted in developing and planning business strategy in the telecommunications industries.

- Wrote a paper on “Monetizing Channel Access with Non-Electric Utility Services” for Texas-New Mexico Power Company.

BANK OF AMERICA

Hong Kong

January 1998 – February 1999

Senior Risk Analyst (Vice President), Global Risk Analysis Group

- Working closely with salespersons, traders and strategists on a daily basis to providing quantitative and strategic support including modelling and validating derivative pricing models (such as FX/Equity/Interest Rate vanilla and exotic derivative products), suggesting hedging/trading strategies, conducting risk analysis (include the modelling, measurement and analysis of market and credit risks associated with various underlying instruments, related derivatives and investment products), and performing mark-to-market and performance analysis.
- Led projects to develop financial math models, risk management and asset/liability applications.
- Developed optimising stochastic total return models and portfolio return assessment.
- Forecasted key interest rates and economic data to determine opportunities for investment.
- Acquainted with the management of the risk and return structure of the client portfolios regarding to modern portfolio theory.
- Assisted to major corporations in analysing exposures, testing and developing risk management strategies and products, and providing confidential and general research.
- Conducted client presentations to promote strategic risk management products as a start-up business line for the bank. Clients included major insurance companies, hedge funds, and multinational firms in North America and Asia.
- Successfully advised clients on various risk management issues. The issues included Index-Basket Investment Strategy, Risk Management Policy and Procedures, Risk Evaluation Techniques such as Value-at-Risk, Investment Overlay Strategy, Corporate Hedging Program, Proxy Hedge for Asian Currencies, Optimising Short-Term and Long-Term Liabilities for a Given Risk Level, Exporter/Importer’s Pricing Schemes (such as Procurement Strategies including Sharing Agreements), and Hedge Accounting.
- Frequent speaker on various risk management topics in seminars and workshops. The topics have included Value-at-Risk Concept and Implementation Issues, What Drives U.S. Multinational Firm Risk Management, FAS 133, Proxy Hedging, Euro Risk Management, Corporate Risk Management, Sharing Agreements, and Basic Mathematics and Statistics (including Volatility, Correlation, Hedge Ratio, and Regression Analysis).

CIBC OPPENHEIMER

New York, NY

March 1995 – January 1998

Derivatives Structurer (Director), Capital Markets

- Responsible for corporate finance derivatives with an emphasis on interest rate, equity, electricity, and tax-related transactions.
- Structuring a \$400 million tax-arbitrage trade.
- Promoted derivatives business by marketing various products to North America clients, such as exotic options, swaps and swaptions, caps & floors, forex options, and hybrid products.
- Clients included major Fortune 500 companies in North America and Asia.
- Working closely with traders and salespersons in developing Interest Rate pricing models including

vanilla and exotic derivative products.

Instructor (Associate Director), School of Financial Products

- Responsible for the development of curriculum and educational software on equity, interest rate, and foreign exchange derivatives in the *School of Financial Products*.
- Frequent speaker on various risk management topics in seminars and workshops. Primary topics included standard and exotic options, yield curve analytic, Value-at-Risk, and credit risk. Participants included major banks, central banks, hedge funds, and Fortune 500 companies in North America and Asia.

THE CHASE MANHATTAN BANK
August 1993 – March 1995

New York, NY; Princeton, NJ

Quantitative Analyst (2nd V.P.), Risk Management Research Group

- Responsible for evaluating and implementing risk management, conducting research on risk methodology, and running various educational seminars for world-wide clients.
- Managed development of various interest rate and FX calculators for transactions such as Caps & Floors, Swaps, Swaptions, Forwards, Exotic Options, and Hybrid Products using *Visual Basic* ("VB").
- Successfully built a replication procedure for hedging exotic products using binomial tree methodology, and built and implemented a Value-at-Risk module for corporate clients to evaluate their risk on their underlying exposures. (Methodologies included 100-day Historical Method, Monte Carlo Simulation, and Analytical Method).
- Worked closely with technical analysts to conduct research on various forecasting projects such as identification of reversal signals and breakout points of G-7 and Asian currencies.
- Frequent speaker on various risk management topics in seminars and workshops. The primary topics included Swaps, Options, and Market Risk Measurement.
- Edited the chapters on "A Primer on Options" and "A Taxonomy of Option-Pricing Models" in the widely distributed book Managing Financial Risk by Charles Smithson.

PUBLICATIONS

- William Chan and Shafali Sachdev, "Identifying Proxy Hedges For Key Asian Currencies," *Bank of America's Currency Review*, Winter 1999.
- William Chan and Ashish Sharma, "Replicating Long-Term Options With Short-Term Forwards And Options," *Bank of America's Currency Review*, Spring 1998.
- William Chan, Frank Gong, and Janet Lam, "Hedging Instruments And Regulations For Asian Currencies," *Bank of America's Currency Review*, Spring 1998.
- Charles Smithson and William Chan, "Path-Dependency," *RISK Magazine*, April 1997.
- Charles Smithson and William Chan, "Multifactor Options," *RISK Magazine*, May 1997.
- William Chan and Chris Turner, "The Evolution Continues: Engineering New Instruments For Risk Management," *Financial Management*, Fall 1994.
- William Chan, "Video Based Robot Programming," Case Western Reserve University, Spring 1993.

EDUCATION

CARNEGIE MELLON

Pittsburgh, PA

- Certificate of Equity Derivatives, June 1996.
- Program focus is on structuring and pricing various equity derivative instruments.

UNIVERSITY OF OXFORD

Oxford, U.K.

- Certificate of Mathematical Models and Computation in Options Pricing, June 1994.
- Program focus is on Partial Differential Equations (PDE), Black-Scholes PDE, Boundary Conditions, and Numerical Procedures.

CASE WESTERN RESERVE UNIVERSITY

Cleveland, OH

- Master of Science in Electrical Engineering and Applied Physics, June 1993.
- Program focus is on Robotics and Artificial Intelligence.
- GPA: 4.00/4.00.

CASE WESTERN RESERVE UNIVERSITY

Cleveland, OH

- Bachelor of Science in Electrical Engineering and Applied Physics, June 1991.
- Graduate level research in the department of Electrical Engineering and Applied Physics.
- GPA: 3.60/4.00, Magna Cum Laude.

MEMBERSHIP

- INTERNATIONAL WHO'S WHO OF ENTREPRENEURS IN 1996

LANGUAGES & PERSONAL SKILL SET

- Citizenship – American and Hong Kong SAR; Languages – English and Chinese.
- Trading/Analytic software: Bloomberg, Crystal Ball, FINCAD, Numerix, Murex, Reuters, YieldBook, and CMA Quotevision.
- Programming Skills: SQL, VB, VBA, HTML, ASP, Java, and C.
- Interests include golf, tennis, swimming, table tennis, and Chinese chess.