

## SAMANTHA KAPPAGODA

1113 York Avenue, New York, N.Y. 10065  
mobile: (917) 856-4880; fax: (212) 937-3343  
email: skappagoda@risk-econ.com

### PROFESSIONAL EXPERIENCE/EMPLOYMENT

#### **Chief Economist, Risk Economics, Inc.,** New York (2009-present)

Risk Economics is a New York City based advisory firm, providing analytics and research and development (R&D) of rigorous analytics with applications to large-scale, real-world modeling and surveillance of global macroeconomic trends, socioeconomic and demographic conditions, and geopolitical events. Samantha provides bespoke macroeconomic advisory services and strategic analysis; advisory services are tailored specifically to client needs regarding asset and liability management.

- ◆ Lead for the *RiskEcon® Macroeconomic and Portfolio Strategy Advisory practice*: areas of expertise include foreign exchange, fixed income, commodity and capital markets activity, as well as rigorous analytics of business cycle dynamics, econometric time-series and longitudinal analyses of consumer behavior, labor markets, wealth and income distribution, housing, population demographics and immigration, political risk and international trade, resource allocation and environment, health, aging and retirement.
- ◆ Evaluation of pilot project participants and technology partners for R&D projects; oversight and supervision of research staff and development team.

#### **Senior Economist, Caxton Associates L.P.,** New York (1996-2009)

Global macro hedge fund established in 1983 by Bruce Kovner, investing in global fixed income, currencies, commodities and equities. Key member of Caxton Global, the firm's flagship global macro fund, with approximately \$12 billion of assets under management.

- ◆ *Direct oversight of global macroeconomic analytics and portfolio strategy.* Analytics and proprietary econometric models of global financial markets, the global economy, central bank and related policy actions guided the firm's senior decision-makers for positioning and pricing trading in currencies, commodities, fixed income and equity indices.
- ◆ Provided analytical commentary on economic and financial market outlook, including expectations for monetary and fiscal policy, growth and inflation, labor and housing market trends, and business cycle analysis.
  - ◆ Market implications of policy announcements by central banks, including Bank of Canada, Bank of England, Bank of Japan, European Central Bank, and Federal Reserve; fiscal policy developments on global financial markets, US/G7 and emerging market economies.
  - ◆ Regional coverage primarily included: North America (USA, Canada, Mexico), Latin America, *European Union-15* (including United Kingdom), Russia, Japan and Non-Japan Asia.
  - ◆ Outlook for the economy including growth and inflation, employment, consumer credit, yield curves, exchange rates and other factors affecting financial market decisions.
- ◆ Market coverage and analysis supporting trading and portfolio strategy decisions by portfolio managers, particularly with regard to spot and futures exchange traded instruments, with a primary focus upon Chicago Board of Trade (CBOT), Chicago Mercantile Exchange (CME), Kansas City Board of Trade (KBOT), London Metal Exchange (LME), New York Mercantile Exchange (NYMEX) and US Future Exchange (USFE).
- ◆ Represented global macro trading desk in investor meetings; discussed global outlook and performance.
- ◆ Supervised junior economists and developers on development of analytics, quantitative/econometric modeling and related research support.

## **PROFESSIONAL EXPERIENCE/EMPLOYMENT (CONT'D)**

### **Economist, Operations Evaluation Department, The World Bank, Washington D.C. (1992-1994)**

Worked on the evaluation of structural adjustment lending programs, with a primary focus on the outcome, impact and sustainability of these programs in emerging market economies.

- ◆ Determined the optimal mix of policy options by analyzing the effects on economic performance and income distribution. Techniques included dynamic stochastic general equilibrium (DSGE) modeling, econometric analysis and forecasting.
- ◆ Conducted in-depth analysis of macroeconomic instruments and targets for over 50 emerging market countries. Constructed performance indices to compare and contrast cross-sample performance.
- ◆ Evaluated structural adjustment lending portfolio. Assessed inflationary effects on the economy, differential impact across sectors, and changes in capital and trade flows. Analyzed past monetary and fiscal policy to assess implications for future policy.

## **ADVISORY ASSIGNMENTS**

- ◆ Banc One First Chicago (1995): Econometric Analyses of Fixed Income Markets
- ◆ Central Bank of Canada (1991): Review of Non-Bank Financial Institutions
- ◆ Citibank/Lloyd's Insurance Exchange (1988): Review of Underwriting and Claims Settlement process for Lloyd's Reinsurance Syndicate

## **EDUCATION**

### **M.B.A. Analytic Finance, Statistics and International Business, University of Chicago (1994-1996)**

- ◆ Teaching Assistant: MBA Business Statistics

### **Doctoral Studies in Economics, University of Toronto, Canada (1991-1992)**

- ◆ Ontario Graduate Scholarship
- ◆ Massey College Junior Fellowship
- ◆ Teaching Assistant: Intermediate Microeconomics

### **M.A. Economics, Industrial Organization and Monetary Economics, University of Toronto, Canada (1990-1991)**

- ◆ University of Toronto Graduate Scholarship
- ◆ Massey College Junior Fellowship
- ◆ Teaching Assistant: Introductory Economics

### **Graduate Studies in Economics, Carleton University, Ottawa, Canada (1990-1991)**

### **B.Sc. (Honors) Mathematics, Imperial College, London, U.K. (1986-1989)**

- ◆ University of London Tennis Team Member; Imperial College Tennis Team Captain

## **EDITORIAL EXPERIENCE**

- ◆ Senior Editorial Advisory Board Member, *Journal of Risk Finance*, Emerald Publications (2005-present), *JRF* is a quarterly refereed financial services industry journal that provides a rigorous forum for the publication of theoretical and empirical research both by academics and practitioners, relating to the financing of risk in its various forms
- ◆ Managing Editor and Co-Founder, *Journal of Risk Finance*, Euromoney Institutional Investor Journals (1999-2004)
- ◆ Special Editor for Risk Management, *Journal of Alternative Investments*, Euromoney Institutional Investor Journals (2005-2008)

## ACADEMIC ACTIVITIES

**Lead Investigator, RiskEcon® Lab for Decision Metrics @ NYU** (2011-present) [www.cims.nyu.edu/riskeconlab/](http://www.cims.nyu.edu/riskeconlab/)  
RiskEcon Lab was established in 2011 at NYU Courant Institute for Mathematical Sciences, in order to apply a range of computational methods to analyze commercial, consumer and population-related societal trends. Samantha leads research in the domains of consumer behavior, socioeconomic and demographic trends, as well as income distribution.

- ♦ **Visiting Scholar, Courant Institute of Mathematical Sciences** (2011-present) <http://cims.nyu.edu/~kappagoda/>
  - ♦ Development of social media analytics pilot projects for select not-for-profit organizations in order to observe quantifiable and scalable metrics that leverage public engagement of diverse messaging employed within campaigns targeting the intersection of grassroots collective action and political influence on critical issues of interest to each organization. The pilot will enable organizations to actively explore the effectiveness of varying types of appeals for generating the actions of highest interest.
  - ♦ Assistant Instructor, Dynamic Computational Statistical Models (DCSM) for Socioeconomic and Geopolitical Systems, NYU Courant Institute (2012).
  - ♦ Topical research threads: effects of population aging on aggregate consumer demand; structural changes in the composition of consumption spending patterns across generation. Income elasticity of consumption spending on healthcare goods and service; co-evolution of healthcare spending and selected socioeconomic and socio-demographic indicators; regional and socio-demographic variation of income elasticity in healthcare spending.
  - ♦ Methodological research threads: time series and longitudinal applications to event history and duration analysis; surveillance and monitoring of NCDs; discrete choice, latent variable and social network analysis of behavioral (socio-metric and psychometric) influences on discretionary consumption decisions related to health.
- ♦ **Co-Executive Director, Computational Economics and Algorithmic Data Analytics (CEcADA) Collaborative, New York University** (2011-present)  
Instrumental in establishing the *NYU AIG Partnership on Innovation for Global Resilience* (2013-present), the first-of-a-kind interdisciplinary multi-year \$5.5 million research collaboration, as part of an ongoing CEcADA initiative to arrange and coordinate public-private-academic-NGO interdisciplinary research initiatives focused upon collaborative academic entrepreneurship applied to societally-scaled solutions for real world systemic issues.
  - ♦ **Associate, NYU Social Media and Political Participation Lab - SMaPP** (2013-present) <http://smapp.nyu.edu/>  
SMaPP is an interdisciplinary research collaboration that investigates the relationships between social media and political behavior, involving faculty with a range of expertise including political science, economics, econometrics/statistics, social psychology, computational biology, and computer science.

## SELECTED INVITED PRESENTATIONS

- ♦ Council for Economic Education Vantage Point 2015, Moderator: *Growing Companies, Growing Women Leaders*
- ♦ Council for Economic Education/100 Women in Hedge Funds Joint Event 2015, Moderator: *Economics of Financial Decision Making*
- ♦ Society of Casualty Actuaries Conference 2011, Panelist: *Harnessing Large Datasets to Navigate the Emerging Risk Landscape*
- ♦ HB Litigation (formerly Mealey's) 18th Annual Insurance Insolvency & Reinsurance Roundtable 2011, Panelist: *Structural Shocks and Changing Dynamics Related to Emergent Risks, Evolving Health Trends, Demographic Shifts and Labor Markets, Food Insecurity and Food Safety: Implications for Insurers and Reinsurers*
- ♦ Reactions Conference on Insurance Risk and Capital Management 2011, *How Major Social, Political, and Macroeconomic Uncertainties Can Affect Insurer and Reinsurer Balance Sheets*
- ♦ HB Litigation (formerly Mealey's) 17th Annual Insurance Insolvency & Reinsurance Roundtable 2010, Panelist: *Litigation and Regulatory Implications of Environmental, Economic, Life, Health and Casualty Exposures*
- ♦ The 10<sup>th</sup> Global Alternative Investment Management Forum, 2004, Keynote Panelist and Session Organizer: *The Implications of the Preceding, Current, and Future Path of the Global Financial Markets*

## **PUBLICATIONS**

- ◆ Emerging Market Credit Derivatives and Default Estimation: Volatility, Business Cycle Correlation and Portfolio Diversification” (with D. Mordecai) in Jameson, R. (Ed.), *Credit Derivatives: Applications for Risk Management, Investment and Portfolio Optimisation*, Risk Books, 1998)

## **SELECTED INDUSTRY CONFERENCES**

- ◆ Santa Fe Institute Business Network Topical Meeting 2012, *Risk: The Human Factor*, Invited Participant
- ◆ Santa Fe Institute Annual Business Network and Board of Trustees' Symposium 2009, *Multi Dimensions of Evolution*, Invited Participant
- ◆ National Academy of Sciences *Summit for Managing Extreme Events* 2011, Invited Participant
- ◆ Federal Reserve *Day Ahead Conference on Financial Markets & Institutions* (Federal Reserve Bank of Chicago and Federal Reserve Bank of Dallas) 2012, Invited Participant
- ◆ Federal Reserve *Day Ahead Conference on Financial Markets & Institutions* (Federal Reserve Board of Governors and Federal Reserve Bank of Kansas City) 2011, Invited Participant
- ◆ Federal Reserve Bank of Atlanta Annual Financial Markets Conference 2009, *Financial Innovation and Crises*, Invited Participant
- ◆ Federal Reserve Bank of Atlanta Annual Financial Markets Conference 2008, *Financial Market Reforms: Taking Stock*, Invited Participant
- ◆ Federal Reserve Bank of Atlanta Annual Financial Markets Conference 2007, *Credit Derivatives: Where's the Risk?* Invited Participant
- ◆ GAIM (Global Alternative Investment Management) Conference 2001, 2002, 2003, 2005, Invited Delegate
- ◆ Commodity Futures Trading Commission Roundtable, *Hedge Funds and Commodity Pool Operators*, 2005, Invited Participant

## **HONORS AND AWARDS**

- ◆ Girl Scouts of Greater New York *Woman of Distinction* 2013, for activities in Science, Technology, Engineering and Mathematics (STEM)
- ◆ Sir Harold Acton Society Award, New York University (philanthropy in STEM and the establishment of RiskEcon Lab at NYU) 2011
- ◆ *Who's Who in America*, Marquis, various editions since 2000
- ◆ *Who's Who in Finance and Business* (previously *Who's Who in Finance and Industry*), Marquis, editions since 2002
- ◆ *Who's Who of Emerging Leaders*, Marquis, 2006
- ◆ *Who's Who of American Women*, Marquis, various editions since 2002
- ◆ *Canadian Who's Who*, University of Toronto Press/Grey Publishing, since 2005

## **MEMBERSHIPS**

- ◆ American Economic Association, American Finance Association, Money Marketeers of New York University, National Association of Business Economists, New York Association of Business Economists
- ◆ American Society of Health Economists, International Health Economics Association
- ◆ American Statistical Association, Association for Computing Machinery, New York Academy of Sciences, IEEE

## **NOT-FOR-PROFIT BOARD EXPERIENCE**

Over nineteen cumulative years of board of directors experience in not-for-profit organizations. Board committees include governance, strategic planning, and President/CEO search and Board Chair search.

### **Board of Directors, Council for Economic Education (2014-present)**

- ◆ Governance and Nominating committee
- ◆ Program and Marketing Committee
- ◆ Judging Panel: Alfred P. Sloan Awards (2015 and 2016)

### **Board of Directors, Girl Scouts of Greater New York (2014-present)**

- ◆ Focus as a Director is to establish partnerships with science-based organizations within industry, government and academia in order to expand the GSGNY STEM program portfolio. Partnerships established include the National Museum of Mathematics, NYU School of Engineering, Hudson Highlands Nature Museum and CEE; new programming includes 3-D printing, robotics, coding and digital media.
- ◆ Strategic Planning Committee

### **Board of Directors, Glynwood (2010-present)**

Glynwood's mission is to enable sustainable agriculture and regional food systems by strengthening the supply chain and distribution channels for small- and medium- sized high value added enterprises across the value chain.

- ◆ Governance and Nominating Committee (Chair)
- ◆ Strategic Planning Committee
- ◆ CEO Search Committee

### **Leadership Council, Black Rock Forest Consortium (2014-present)**

BRFC Consortium is a 4,000-acre natural living laboratory for field-based scientific research and education, operated by a consortium of twenty-three colleges and universities, public and independent schools, and scientific and cultural institutions.

### **Board of Directors, Hudson Valley Shakespeare Festival (2010-2015)**

- ◆ Governance and Nominating Committee
- ◆ Strategic Planning Committee