GREGORY A. ALVES MBA

22305 Rock Wren Road H: 512.368.3589
Spicewood, TX 78669 galves@globalmaxria.com M: 512.516.9710

SENIOR INVESTMENT SPECIALIST

SECURITY ANALYSIS • PORTFOLIO MANAGEMENT • RISK MANAGEMENT • PERFORMANCE ANALYSIS

- Alternative Investments
- Active Money Manager
- Long/Short Equity
- MVO Asset Allocation
- Factor Modeling
- Robust Forecasting
- Monte Carlo Simulation
- Conditional Value-At-Risk

Detail oriented executive with 18 years of demonstrated capabilities in the development and implementation of quantitative investment models resulting in the attainment of client risk-return objectives.

Published author, researcher, and instructor devoted to providing solutions oriented investment management strategies and communicating such solutions in an easily understood format to the target audience.

Entrepreneur with proven competencies in starting, raising capital for and managing a financial services company, and recognized by clients, peers, and associates as a results oriented manager devoted to high ethical values and standards of practice.

Member of the CFA Institute

PROFESSIONAL EXPERIENCE

GLOBALMAX CAPITAL ADVISORS, LLC, Austin, Texas

Director **2006 – Present**

Responsible for all aspects of the company, i.e., creating an investment model, raising capital, compliance, generating new clients, trading, security selection, portfolio management, performance and measurement, accounting, and website development.

- Employed Visual Studio to write a program that calculates a number of robust panel regressions incorporating selected fundamental, technical, and industry data across roughly 3,000 publically traded equities to **estimate the expected return** for each security 30 days out.
- Conducted exciting new research to improve the expected return model that included the implementation of a **Kohonen Neural Network** to organize the return contribution of each of the factors, and new optimization routines that minimized the variance of mean prediction.
- Wrote a **Process Control System** that generated a daily "out-of-process" report to minimize trading costs and identify new opportunities.

THE UNIVERSITY OF TEXAS AT AUSTIN, Austin, Texas

Instructor **2012 – Present**

Lecture **Portfolio Analysis and Management** (FIN 377.1) to students at one of the top Universities in the country using Stewart's textbook, "Running Money: Professional Portfolio Management," Heisler & Piros McGraw Hill, 2011. Topics include the following:

- **Asset Allocation** using mean variance optimization with realistic constraints;
- **Portfolio optimizations** that address plan PBOs, style, estimation error, etc.;
- **James-Stein, Bayesian Betas, Implied Views, Fundamental Factor Model Estimation**;
- **Style identification** using regression and other methods;
- Minimization of dispersion in an **immunized bond portfolio**; and
- Performance measurement & attribution analysis – **QC, Sharpe, Treynor, Brinson Decomposition.**

GREGORY A. ALVES MBA

GENESIS CAPITAL MANAGEMENT, LLC, San Francisco, CA

Managing Director 1998 – 2006

Generated ongoing research on thousands of stocks for possible inclusion in a $10 million equity portfolio that included both SMAs and a hedge fund – the Genesis New Era Fund.

- **Secured new clients** for the company's equity programs. Designed and delivered presentations to potential clients. Presented complex materials in an easily understandable format.
- Programmed key investment systems using **mixed-language programming** in Fortran, Visual Basic, and SQL. Programs included a factor model and a portfolio optimizer.
- **Raised venture capital** for the firm to continue its operations.

UNIVERSITY OF SAN FRANCISCO, San Francisco, CA

Instructor 1998, 1999, 2003, 2004

Lectured to graduate students over the course of four semesters. Fostered growth and sharing of ideas with students. Texts used included Elton, "Modern Portfolio Theory and Investment Analysis," Sharpe, "Investments," and Bernstein, "Financial Statement Analysis."

- **MBA 624 – Investment Management** (3 semesters)
- **MBA 626 – Corporate Financial Reporting and Analysis** (1 semester)

HUTCHINSON RICHARDSON, LLC, San Francisco, CA

Quantitative Portfolio Analyst 1995 – 1998

Assistant PM for roughly **$300 million** in muni bond fund assets, which exploited inefficiencies in fund & futures pricing. Streamlined IT and portfolio accounting systems. All around problem solver for primary functions including portfolio management, accounting, client servicing, and marketing.

- Achieved an **audited** 5-year annualized **15% return with a 2% sigma** in the muni bond program.
- **Wrote the company's municipal bond fund trading platform** using VB for applications in Access.
- **Wrote a process control program** in VB that extracted real-time data from **Bloomberg**.

EDUCATION, CREDENTIALS & MEMBERSHIPS

MBA Finance Emphasis – University of San Francisco 1994
BS Finance major with an economics minor – University of San Francisco 1990

NASAA Series 65 **CFA Institute Member**

PUBLICATIONS

- **"Portfolio Optimization under Realistic Short Sales Restrictions."** International Journal of Business 3(2): 77-93 | Tarrazo, Manuel J. and Alves, Gregory A. 1998.
- **"Advanced Spreadsheet Modeling for Portfolio Management."** Kendall/Hunt Publishing Company ISBN 0-7872-2453-7 | Alves, Gregory A. and Tarrazo, Manuel J. 1996.

Software | Expert with MS Office, Visual Studio, VB, VB for Applications, Fortran, SQL, Bloomberg, Redi, NetX360, Compustat RI, Axys, Expression Web, Statgraphics, TSP, Crystal Reports, WinBatch