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**ROBERT BEACH, PhD**

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**SUMMARY OF QUALIFICATIONS**

Academically Qualified for Tenure Track Position in Finance by AACSB (Please see AACSB letter attached).

Doctoral degree in economics with a concentration in public finance and optimal taxation.

Research interest in corporate valuation and derivative pricing.

Teaching interest in corporate, investment, and international finance.

Teaching experience in principles of microeconomics and macroeconomics, principles of statistics, and mathematical decision models for business.

**EDUCATION**

AACSB Endorsed Post-Graduate Bridge to Finance, Virginia Tech: 2008  
Finance

PhD, Virginia Tech:1989  
Economics

BS, Virginia Tech:1971  
Mathematics

Certified Project Management Professional (PMP): 2005

**TEACHING EXPERIENCE**

**1986 to 1989:** *Graduate Teaching Assistant*, Economics, Virginia Tech, Blacksburg, Va.

Taught undergraduate principles of microeconomics and macroeconomics.

**1989 to 1993:** *Instructor*, Economics, New River Community College, Dublin, Va. and Dabney Lancaster Community College, Clifton Forge, Va.

Taught principles of microeconomics and macroeconomic; principles of statistics; and mathematical decision models for business.

## **RESEARCH**

### ***Dissertation***

Optimal Social Security Taxation

### ***Work in Progress (Finance)***

Facility Sustainment, Firm Valuation, and the Cost of Debt

### ***Published Journal Article***

Beach, R. and J. Carson. "Cost Predictions of Facilities," *Journal of Management in Engineering*, Volume 14, Issue 5(September/October 1998), pp 80-82.

### ***Technical Documents***

*Common Levels of Support Decision Support Tool Requirements*

*FPPFM System Design Specification*

*Survey of Maintenance Resource Prediction Models*

*Site CAIS Resource Prediction Model Design Document*

*Facility Degradation Module Study*

*Facility Degradation Module Functional Description*

## **WORK EXPERIENCE**

**1993 to Present:** *Senior Planner*, software development firm, Roanoke, Va.

Lead Analyst for the Common Levels of Support Decision Support Tool (CLS-DST), a tool for the planning and programming of funding for the Army's base operations support services. Developed algorithms to allocate available funding based on priorities established by the Army. Lead Analyst for the FairShare program, a tool for planning and programming of real property funding at the major command level. Project Manager/Lead Analyst for the Facility Degradation Model (FDM), which predicts the effect of funding decisions on future facility condition. As part of this effort degradation rates were estimated using yearly facility survey data and a linear regression methodology. Project Manager /Lead Analyst for the Optimization Module, a major enhancement to FDM that calculates funding levels to optimize user-specified strategies such as minimizing the penalty cost that occurs from not fully funding current maintenance and repair projects.

## **COMPUTER SKILLS**

SAS, Microsoft Office, and SQL for Microsoft Access

## **PROFESSIONAL MEMBERSHIPS**

Project Management Institute (PMI)

American Finance Association (AFA)

## **REFERENCES**

Dr. Dilip Shome, Ph.D., Professor of Finance, Department of Finance, Pamplin College of Business, Virginia Tech, Blacksburg VA 24061, phone: 1-540-231-3607, e-mail: dilip@vt.edu

Dr. Raman Kumar, Ph.D., Professor of Finance, Department of Finance, Pamplin College of Business, Virginia Tech, Blacksburg VA 24061, phone: 1-540-231-5700, e-mail: rkumar@vt.edu

Dr. Firouz Gahvari, Ph.D., Department of Economics, University of Illinois at Urbana-Champaign, 313 David Kinley Hall, 1407 W. Gregory Dr., Urbana, Ill 61801, 1-217-333-7651, e-mail: fgahvari@uiuc.edu