

## VITA

### **Arthur James Keown**

R. B. Pamplin Professor of Finance  
Department of Finance, Insurance, and Business Law  
Virginia Polytechnic Institute and State University  
Blacksburg, Virginia 24061-0221

### **DATE OF PREPARATION**

December 2019

### **OFFICE ADDRESS**

1027 Pamplin Hall

### **BORN**

April 14, 1947; Detroit, Michigan

Phone--(540) 231-8647

### **MARITAL STATUS**

Wife - Barbara Louise Keown

### **DEGREES**

B.A., Ohio Wesleyan University, 1969; Economics

M.B.A., University of Michigan, 1971; Finance

D.B.A., Indiana University, 1974; Major - Finance; Minors - Quantitative Business Analysis and Economics

Dissertation Title - Goal Programming and Bank Liquidity Management: A Lexicographic Approach  
(Chairman - Wayne Y. Lee)

### **ACADEMIC EXPERIENCE**

Associate Instructor of Finance at Indiana University, Bloomington, Indiana, September 1971 - May 1974.

Assistant Professor of Finance at Virginia Polytechnic Institute and State University, Blacksburg,

Virginia, September 1974 - August 1978.

Associate Professor of Finance at Virginia Polytechnic Institute and State University, Blacksburg, Virginia, September 1978 - August 1981.

Professor of Finance at Virginia Polytechnic Institute and State University, Blacksburg, Virginia, September 1981 - June 1982.

Professor of Finance and Acting Department Head at Virginia Polytechnic Institute and State University, July 1982 - February 1983.

Professor of Finance and Department Head at Virginia Polytechnic Institute and State University, February 1983 – July 1991.

R. B. Pamplin Professor of Finance at Virginia Polytechnic Institute and State University, July 1991 – April 2011.

R. B. Pamplin Professor of Finance and Department Head at Virginia Polytechnic Institute and State University, April 2011 – July 2014.

R. B. Pamplin Professor of Finance at Virginia Polytechnic Institute and State University, July 2014 – April 2016.

Alumni Distinguished Professor and R. B. Pamplin Professor of Finance at Virginia Polytechnic Institute and State University, April 2016 - present.

## **MEMBERSHIP IN HONORARY AND PROFESSIONAL ORGANIZATIONS**

Beta Gamma Sigma - national honorary business scholastic fraternity. Elected to membership at Indiana University.

Omicron Delta Kappa - elected to membership at Virginia Polytechnic Institute and State University.

American Finance Association - national professional society.

Financial Management Association - national professional society.

Decision Sciences Institute - national professional society.

Southern Finance Association - regional professional society.

Eastern Finance Association - regional professional society.

Academy of Finance – regional professional society.

## **HONORS**

Graduate Fellowship at Indiana University, 1972-74.

Indiana University D.B.A. Teaching Excellence Award, 1974.

Virginia Polytechnic Institute and State University Certificate of Teaching Excellence, 1977, 1978, 1979, 1980, 1994.

Elected to the Academy of Teaching Excellence, Virginia Polytechnic Institute and State University, Membership, 1980-Present.

W.E. Wine Award, University Wide Teaching Excellence Award, 1982.

Elected to Omicron Delta Kappa, Virginia Polytechnic Institute and State University, 1983.

Selected as a Fellow of Decision Science Institute (one of the first 60 chosen).

Alumni Teaching Excellence Award, 1995.

SCHEV Outstanding Faculty Award (for the state of Virginia), 1999.

Named Alumni Distinguished Professor, 2016.

Class Sponsor, Virginia Tech Class of 2021, chosen by students.

### **SERVICE ON EDITORIAL BOARDS AND PROFESSIONAL SERVICE**

Global Business and Finance Review – Executive Review Board, Fall 2019 – present

Journal of Financial Research - Co-Executive Editor, 1993-December 1999

FMA Survey and Synthesis Series - Co-Editor, 1997-2004, Editorial Board, 1995-1997, 2004 - 2011

Financial Management Association - Board of Directors - 1997-2004

Academy of Financial Services – Vice President, 2002-2003; Board of Directors - 2000-2004

Decision Sciences - Editorial Board, 1984-1990

Research in Financial Economics - Editorial Board, 1991-2012

The International Journal of Finance - Editorial Board, 1999-2013

The Journal of Finance and Banking – Editorial Board, 2001-2011

Southern Finance Association - Board of Directors, 1993-1999

Journal of Business Research - Editorial Board, 1984-1990

Journal of Banking and Finance - Referee

Journal of Business and Economics - Referee

Financial Management - Referee

Journal of Financial Research - Referee

Financial Review - Referee

Managerial and Decision Making Economics - Referee

Journal of Financial and Quantitative Analysis - Referee

Journal of Finance - Referee

The Journal of the Operational Research Society - Referee

Journal of Financial Services Research - Referee

Journal of Financial Education - Referee

Finance Track Chairman for 1979 Annual National DSI Meeting - In charge of organization and paper selection for all sessions and workshops in Finance.

Finance Track Chairman for 1985 Annual National DSI Meeting - In charge of organization and paper selection for all sessions and workshops in Finance.

Finance Track Chairman for 1988 Annual National DSI Meeting - In charge of organization and paper selection for all sessions and workshops in Finance.

Financial Management Association, 1985, Nominating Committee - Member.

Financial Management Association, Publications Committee, 1997-2011

Financial Management Association, 1988, Distinguished Applied Research Award Committee - Member

DSI Fellows Committee - Member 1987, 1988; Chairman 1989, 1990

Financial Management Association, 1986-988, 1990-1994, 1997-2004 Program Committee – Member

Financial Management Association, 2000-2001 Long-Range Planning Committee, Chair

Eastern Finance Association, 1991, Program Committee - Member

Eastern Finance Association, 1992, Program Committee - Corporate Finance Track Chair

Finance Track Chairman for 1992 Annual National DSI Meeting - In charge of organization and paper selection for all sessions and workshops in Finance.

Chair, FMA Secretary/Treasurer Search Committee, 2013.

## PUBLICATIONS

### I. Books

Study Guide, Van Horne's Fundamentals of Financial Management, co-authored with D. F. Scott, Jr., J. D. Martin, and J. W. Petty, Englewood Cliffs, N.J.: Prentice-Hall, Inc., 1976, 283 pages.

Cases in Basic Financial Management, co-authored with J. D. Martin, J. W. Petty, and D. F. Scott, Jr., Englewood Cliffs, N.J.: Prentice-Hall, Inc., 1979, 229 pages.

With:

Solutions Manual to Cases in Basic Financial Management, co-authored with J. D. Martin, J. W. Petty, and D. F. Scott, Jr., Englewood Cliffs, N.J.: Prentice-Hall, Inc., 1979, 208 pages.

Readings in Financial Management, co-edited with D. F. Scott, Jr., J. D. Martin, and J. W. Petty, New York, N.Y.: Academic Press, 1982, 246 pages.

Cases in Financial Management, 3rd Edition, co-authored with D. F. Scott, Jr., J. D. Martin, J. W. Petty, J. G. Thatcher, and S. S. Graham, Englewood Cliffs, N.J.: Prentice-Hall, Inc., 1993, 327 pages.

With:

Solutions Manual to Cases in Financial Management, co-authored with D. F. Scott, Jr., J. D. Martin, and J. W. Petty, Englewood Cliffs, N.J.: Prentice-Hall, Inc., 1993, 261 pages.

Personal Finance, Turning Money Into Wealth, 8<sup>th</sup> Edition, Hoboken, N.J.: Pearson Education, Inc., 2019 copyright, 624 pages.

Foundations of Finance: The Logic and Practice of Financial Management, 8<sup>th</sup> Edition, co-authored with J. D. Martin, and J. W. Petty, Upper Saddle River, N.J.: Pearson Education, Inc., 2017, 522 pages.

With:

Instructor's Manual for Foundations of Finance: The Logic and Practice of Financial Management, 9<sup>th</sup> Edition, co-authored with J. D. Martin, and J. W. Petty, Upper Saddle River, N.J.: Pearson Education, Inc., 2017, 844 pages.

Test Item File, Foundations of Finance: The Logic and Practice of Financial Management, 7<sup>th</sup> Edition, co-authored with D. F. Scott, Jr., J. D. Martin, and J. W.

Petty, Upper Saddle River, N.J.: Pearson Education, Inc., 2017, 404 pages.

Financial Management, Principles and Applications, 13th Edition, co-authored with Sheridan Titman and J. D. Martin, Upper Saddle River, N.J.: Pearson Education, Inc., 2018, 665 pages.

With:

Instructor's Manual Financial Management, 13th Edition, co-authored with Sheridan Titman and J. D. Martin, Upper Saddle River, N.J.: Pearson Education, Inc., 2018.

Study Guide to Financial Management, 13th Edition, co-authored with Sheridan Titman and J. D. Martin, Upper Saddle River, N.J.: Pearson Education, Inc., 2018.

Test Item File To Financial Management, 13th Edition, co-authored with Sheridan Titman and J. D. Martin, Upper Saddle River, N.J.: Pearson Education, Inc., 2018.

## II. Selected Journal Articles

"An Integer Goal Programming Model for Capital Budgeting in Hospitals," Financial Management, co-authored with J. D. Martin, Autumn 1976, Vol. 5, No. 3, pp. 28-35.

"Does Bank Leverage Pay?" Bankers Magazine, co-authored with J. D. Martin and D. F. Scott, Jr., Spring 1977, Vol. 160, No. 2, pp. 70-76.

"A Two-Stage Chance Constrained Goal Programming Model for Working Capital Management," The Engineering Economist, co-authored with J. D. Martin, Spring 1977, Vol. 22, No. 3, pp. 153-174.

"Interest Rate Sensitivity and Portfolio Risk," Journal of Financial and Quantitative Analysis, co-authored with J. D. Martin, June 1977, Vol. 12, No. 2, pp. 181-195.

"A Misleading Feature of Beta for Risk Management," Journal of Portfolio Management, co-authored with J. D. Martin, Summer 1977, Vol. 3, No. 4, pp. 31-34.

"A Chance-Constrained Goal Programming Model for Bank Liquidity Management," Decision Sciences, January 1978, Vol. 9, No. 1, pp. 93-106.

"Urban Recreational Planning: A Research Methodology," Omega, co-authored with B. W. Taylor, III, 1977, Vol. 5, No. 5, pp. 618-619.

"An Integer Goal Programming Application of Capital Project Selection in the Production Area," AIIE Transactions, co-authored with B. W. Taylor, III, March 1978, Vol. 10, No. 1, pp. 52-57.

"An Integer Goal Programming Model for Implementation of Multiple Corporate Objectives," Journal of Business Research, co-authored with B. W. Taylor, III, August 1978, Vol. 16, No. 3, pp. 221-235.

"Capital Budgeting in the Public Sector: A Zero-One Goal Programming Approach," Financial Management, co-authored with J. D. Martin, Summer 1978, Vol. 7, No. 2, pp. 21-27.

"Planning Urban Recreational Facilities With Integer Goal Programming," Journal of the Operational Research Society, (formerly Operational Research Quarterly), co-authored with B. W. Taylor, III, August 1978, Vol. 29, No. 8, pp. 751-758.

"Lease Capitalization and Stock Price Stability: Implications for Accounting," Journal of Accounting, Auditing and Finance, co-authored with J. D. Martin and P. F. Anderson, Winter 1979, Vol. 2, No. 2, pp. 151-163.

Abridged Reprint: "Lease Capitalization and Stock Price Stability Implications for Accounting," Abridged Reprint in The Chartered Financial Analysts Digest, co-authored with J. D. Martin and P. F. Anderson, Spring 1979, Vol. 9, No. 2, pp. 22-23.

"Integer Goal Programming Model for Urban Renewal Planning," Urban Systems, co-authored with S. M. Lee, 1979, Vol. 4, No. 1, pp. 17-26.

"Allocation of Research and Development Funds: A Zero-One Goal Programming Approach," Omega, co-authored with B. W. Taylor, III, 1979, Vol. 7, No. 4, pp. 345-351.

"An Integer Goal Programming Approach to Advertising Media Selection," Decision Sciences, co-authored with C. P. Duncan, October 1979, Vol. 10, No. 4, pp. 577-592.

"A Network Analysis of an Inpatient/Outpatient Infirmary Department," Journal of the Operations Research Society (formerly Operational Research Quarterly), co-authored with B. W. Taylor, III, February 1980, Vol. 31, No. 2, pp. 169-179.

"A Chance-Constrained Integer Goal Programming Model for Capital Budgeting in the Production Area," Journal of the Operational Research Society (formerly Operational Research Quarterly), co-authored with B. W. Taylor, III, July 1980, Vol. 31, No. 7, pp. 169-179.

"Multiple Objective Capital Budgeting Within the University," Computers and Operations Research, co-authored with B. W. Taylor, III, and J. M. Pinkerton, 1981, Vol. 8, No. 2, pp. 59-70.

"Market Research to the Formation of One Bank Holding Companies," Journal of Banking and Finance, co-authored with J. D. Martin, 1981, Vol. 5, pp. 383-393.

"Merger Announcements and Insider Trading Activity: An Empirical Investigation," Journal of Finance, co-authored with J. M. Pinkerton, September 1981, Vol. 36, No. 4, pp. 855-869.

Abridged Reprint: "Merger Announcements and Insider Trading Activity: An Empirical Investigation," Abridged Reprint in The Chartered Financial Analysts Digest, co-authored with J. M. Pinkerton, Winter 1983, Vol. 13, No. 1, pp. 15-16.

"A Mixed Integer Goal Programming Model for Capital Budgeting Within a Police Department," Computers, Environment and Urban Systems, co-authored with B. W. Taylor, III, 1981, Vol. 6, No. 2, pp. 19-28.

"Analyzing Court System Congestion with Q-GERT Network Modeling With Simulation," Computers and Operations Research, co-authored with B. W. Taylor, III, 1982, Vol. 9, No. 3, pp. 163-171.

"Risk Decomposition and Portfolio Diversification When Beta is Nonstationary: A Note," Journal of Finance, co-authored with Son-Nan Chen, September 1981, Vol. 36, No. 4, pp. 941-947.

"An Examination of the Relationship Between Pure Residual and Market Risk: A Note," Journal of Finance, co-authored with Son-Nan Chen, December 1981, Vol. 36, No. 5, pp. 1203-1209.

"An Integer Goal Programming Model for Determining Military Aircraft Expenditures," Journal of Operational Research Society, co-authored with B. W. Taylor, III, and A. G. Greenwood, 1983, Vol. 34, No. 5, pp. 379-390.

"An Integer Goal Programming Model for Solving the Capital Allocation Problem of Metropolitan Mass Transportation Agencies," Transportation Research, co-authored with B. W. Taylor, III, September 1983, Vol. 17A, No. 5, pp. 375-383.

"Interval Differencing and Autocorrelation Effects on Portfolio Diversification - Additive versus Multiplicative Assumptions," Journal of Economics and Business, co-authored with Son-Nan Chen, 1983, Vol. 34, pp. 39-50.

"The Impact of Mutual Fund Investment Objectives on Portfolio Diversification," The Journal of Portfolio Management, co-authored with J. D. Martin and J. L. Farrell, Winter 1983, Vol. 8, No. 2, pp. 19-28.

"Diversification Characteristics of Bank Common Stock Comingled Trust Accounts," Akron Business and Economic Review, co-authored with J. D. Martin, Summer 1983, Vol. 14, No. 2, pp. 7-11.

"An Examination of Market Reaction to Substantial Shifts in Dividend Policy," Journal of Financial Research, co-authored with G. A. Benesh and J. M. Pinkerton, Summer 1984, Vol. VII, pp. 131-142.

Abridged Reprint: "An Examination of Market Reaction to Substantial Shifts in Dividend Policy," Abridged Reprint in The Chartered Financial Analysts Journal, coauthored with G. A. Benesh, and J. M. Pinkerton, Summer 1985, Vol. 15, No. 3, pp. 7-8.

"On Dividend Reinvestment Plans: The Adoption Decision and Stockholder Wealth Effects," Review of Business and Economic Research, co-authored with G. A. Benesh and J. M. Pinkerton, Spring 1985, Vol. 20, No. 2, pp. 1-10.



Abridged Reprint: "On Dividend Reinvestment Plans: The Adoption Decision and Stockholder Wealth Effects," Abridged Reprint in Chartered Financial Analysts Journal, coauthored with R. S. Hansen, and J. M. Pinkerton, Winter 1986, Vol. 16, No. 1, pp. 20-21.

"Group Effects and Beta Nonstationarity," Journal of Business Finance and Accounting, co-authored with Son-Nan Chen, Winter 1985, Vol. 12, No. 4, pp. 595-608.

"Recent SEC Prosecution and Insider Trading on Forthcoming Merger Announcements," Journal of Business Research, co-authored with J. M. Pinkerton, W. L. Young, and R. S. Hansen, 1985, Vol. 13, pp. 329-338.

"An Integer Goal Programming Model for Determining Capital Expenditures for Correctional Facilities," Computers, Environment, and Urban System, coauthored with B. W. Taylor, III, and R. Russell, 1986, Vol. 11, No. 4 pp. 135-146.

Reprinted: "Reading-An Integer Goal Programming Model for Determining Capital Expenditures for Correctional Facilities" in Barry Render and Ralph Stair Cases and Readings in Quantitative Analysis, Second Edition, Allyn and Bacon Publishers (New York), 1989.

"Portfolio Selection Based Upon P/E Ratios: Diversification, Risk Decomposition, and Implications," Journal of Business Finance and Accounting, co-authored with J. M. Pinkerton and Son-Nan Chen, Summer 1987, Vol. 14, No. 2, pp. 187-198.

"One-Bank Holding Company Formation and the 1970 Bank-Holding Company Act Amendment: An Empirical Examination Allowing for Industry Group Effects," Journal of Banking and Finance, co-authored with John D. Martin, 1987, Vol. 11, pp. 213-221.

"The Merger Profile and Size Effect Anomalies: An Empirical Examination of Their Relationship" Quarterly Review of Economics and Business, co-authored with M. A. Fields, 1988, Vol. 27, No. 1, pp. 7-82.

"The Impact of the 'Inside Wall Street' Publication on Stock Returns and Trading Volume," American Business Review, co-authored with C. Loh and S. Perumpral, June 1990, Vol. 8, No. 2, pp. 41-49.

"Differential Information and the Small Firm Effect," Advances in Investment Analysis and Portfolio Management, co-authored with J. Pinkerton and A. Neustel, 1991, Vol. I, pp. 1-12.

"Returns on Announcements of Dividend Reinvestment Plans," Review of Business and Economic Research, co-authored with S. Perumpral and J. Pinkerton, Spring 1991, Vol. 26, No. 2, pp. 55-65.

"Merger Announcements, Asymmetrical Information, and Trading Volume: An Empirical Investigation," Journal of Business Finance and Accounting, co-authored with J. Pinkerton and P. J. Bolster, 1992, v19(6), pp. 901-910.

"The Impact of Dividend and Bonus Issue Announcements on the Hong Kong Exchange,"

Pacific Basin Market Research, Volume III, co-authored with E. Y. Guo, 1992, pp. 245-263.

"Bankruptcy and Insider Trading: Differences Between Exchange-Listed and OTC Firms," Journal of Finance, co-authored with T. Gosnell and J. Pinkerton, March 1992, Vol. 47, No. 1, pp. 349-362.

"Bidder Characteristics and Returns to Target Firms in Corporate Acquisitions: The Case of Cross Border Acquisitions," The International Journal of Finance, co-authored with Zakri Bello, Vol. 4, No. 2, pp. 163-177.

"An Explanation of Bidder Returns in Corporate Acquisitions: The Case of Japanese Acquisitions of U.S. Firms," Japan and the World Economy, co-authored with E. Guo and N. Sen, 1995, Vol. 7, 145-154.

"The Intraday Speed of Stock Price Adjustment to Major Dividend Changes: Bid-Ask Bounce and Order Flow Imbalances," Journal of Banking and Finance, co-authored with T. Gosnell and J. Pinkerton, 1996, Vol. 20, 247-266.

"Do Strategic Alliances Create Wealth?" The Journal of Financial Economics, co-authored with Su Han Chan, John Kensinger, and John Martin, forthcoming, November 1997, Vol. 46, No. 2, pp. 199-221.

"Growth Opportunities, Corporate Governance and the Market Value of Multinational Joint Ventures," Managerial and Decision Economics, co-authored with John D. Martin, Michael Froehls, and Mark McNabb, 1998, Vol. 19, pp. 13-29.

"When Do Strategic Alliances Create Shareholder Value?" co-authored with Su Chan, John W. Kensinger, and John D. Martin, Journal of Applied Corporate Finance, Vol. 11, No. 4, pp. 82-87.

"The Wealth Effects to Japanese Firms from International Joint Ventures," co-authored with Enyang Guo and Nilanjan Sen, Advances in Pacific Basin Financial Markets, 1999, Vol. 5, pp. 299-312.

"The Impact of Firm Diversification and Focus: The Japanese Experience," co-authored with Enyang Guo and Nilanjan Sen, Pacific-Basin Finance Journal, June 2001, Vol. 9, No. 3, pp. 165-193.

"Minority Equity Investments and Inter-firm Collaborations," co-authored with Su Han Chan, John W. Kensinger, and John D. Martin, Research in Finance, 2005, Volume 21, pp. 17-44.

"The Information Content of Corporate Investment Announcements: The Case of Joint Ventures," co-authored with Paul Laux and John D. Martin, Research in Finance, 2006, Volume 22, pages 33-71.

"Privatization and Non-Tradable Stock Reform in China The Case of Valin Steel Tube & Wire Co., Ltd." Co-authored with Enyang Guo, Global Finance Journal, Volume 20, Issue 2, 2009, Pages 191-208.

“The Role of Professors in Improving Financial Literacy,” co-authored with Kenneth Eades, Jonathan Fox, and Michael Staten, Journal of Applied Finance, 2013, Volume 23, No. 1, page 138-144.

## **UNIVERSITY ACTIVITIES**

University Council - Representative from the College of Business, 1979 -1983.

Chair - College of Business Committee on Faculty Awards, 1981 - 1982.

Member - College of Business, AACSB Accreditation Committee, 1981 - 1982.

Member - College Wine Award Committee, 1983 - 1988, 1991 - 1992.

Member - University Wine Award Committee, 1983 - 1985, 1987.

Member - College of Business, Research and Publications Committee, 1979 -1982.

Member - University Search Committee, Vice President for Administration and Operations, 1979 - 1980.

Member - Department of Finance, Insurance, and Business Law Personnel Committee, 1979 - 1982, 1987 - 2011.

Chair - Department of Finance, Insurance and Business Law Personnel Committee, 1982 - 1987, 1999 – 2001, 2004-2005.

Member - College of Business Personnel Committee, 1982 - 1991, 2001.

Member - University Search Committee, University Provost, 1982 - 1983, 2000 - 2001.

Chair - Dean Sorensen's 5-year Review Committee, 2000, 2006, 2011.

Member - Dean's Evaluation Committee, 1984.

Member - College Library Committee, 1987 - 1989.

Chair - College Library Committee, 1989 - 1992.

Member - University Ad Hoc Committee on Teaching, 1988 - 1989.

Member - College Honorifics Committee, 1990 – 1996, 2005 – 2006, 2014- present.

Member - College Strategic Planning Committee, 1998 – 2005, 2009 - 2011.

Member - University Library Committee, 1988 - 1991.

Member - University and College EEOA Committee, 1999 - 2005.

Member - University Cash Match Implementation Committee, 2000 - Present.

Member – University Optional Retirement Plan Oversight Committee – 2001 – Present.

Member – University 403(b) Selection Committee – 2008 – Present.

Faculty Advisor - Finance Club, 1990 - 2011.

Faculty Advisor - Virginia Tech Investment Club, 1999 - 2002.

Vice Chair - Board of Directors, Virginia Tech Services, 1991 - 1993.

Chair - University Athletic Committee, 1995 – 1997, 2010 - 2014

Member - University Athletic Committee, 1995 – 1997, 2018 - present

Executive Board Member, Virginia Tech Athletic Fund, 1995 – 1997, 2010-2015

Faculty Advisor - Sigma Alpha Epsilon, 1998 - 2011.

Faculty Advisor – SEED, the student run endowment, 2002 – 2011, 2014- 2015.

Member – University Promotion and Tenure Committee, 2004 – 2008.

Member – University Wide Planning Taskforce, 2011 – 2012

Member – University Wide Planning Taskforce, 2011 – 2012

Member – Presidential Search Committee, 2013

Member – Vice President for Advancement Search Committee, 2014 - 2015.

Member – Beyond Boundaries Steering Committee, 2015- 2016

Member - CLE/Pathways Committee (University Curriculum for General Education) 2015- 2017

Member – Board of Directors, Virginia Tech Services, 2014- 2017

Chair, CLE/Pathways Committee (University Curriculum for General Education, UCCGE) 2017-2018

Member – Vice President for Finance Search Committee, 2019

Chair - Board of Directors, Virginia Tech Services, 1993 - 1997, 1999 – 2011, 2018-present.