W. SCOTT STREET, IV
CURRICULUM VITÆ

Work:
Dept. of Statistical Sciences & Operations Research
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Education

Ph.D.	Statistics, University of South Carolina, August 1997 Dissertation Advisor: Don Edwards
M.A.	Mathematics, Wake Forest University, May 1992
B.S.	Mathematics, Hampden-Sydney College, May 1990

Professional Experience

2008–	Associate Professor (Statistics), Department of Statistical Sciences and Operations Research, Virginia Commonwealth University
2001–2008	Assistant Professor (Statistics), Department of Statistical Sciences and Operations Research, Virginia Commonwealth University
2000–2001	Assistant Professor (Statistics), Department of Mathematical Sciences, Virginia Commonwealth University
1997–2000	Assistant Professor (Statistics & Mathematics), Department of Mathematics and Computer Science, Georgia Southern University
1992–1997	Teaching & Research Assistant, Department of Statistics, University of South Carolina

Honors & Awards

Distinguished Service Award, VCU College of Humanities and Sciences (2016)
Centurion Award, (service to youth through Scouting), National Committee of the Order of the Arrow (2015)
James E. West Fellowship, (service to youth through Scouting), Nawakwa Lodge #3 of the Order of the Arrow (2014)
The St. George Episcopal Award, (service to youth through church and Scouting), the Presiding Bishop of the Episcopal Church (2013)
The President's Call to Service Award, (highest level of the President's Volunteer Service Award for over 4000 hours of community service, President Barak Obama (2012)
District Award of Merit (awarded for service to local youth), Huguenot Trail District, Boy Scouts of America (2009)
Silver Beaver (highest award for local volunteer service), Boy Scouts of America (2007)
Master Advisor, Virginia Commonwealth University (2005–2008)
MENSA®—Member since 1999
Omicron Delta Kappa®, National Leadership Honor Society—Member since 1995
- Faculty Secretary, Georgia Southern University Circle (1998–2000)

Mu Sigma Rho, National Statistics Honor Society—Member since 1994
- Faculty Advisor, Virginia Commonwealth University Chapter (2007–)
- Secretary/Treasurer, University of South Carolina Chapter (1995–1996)

Wake Forest University Graduate Fellowship (1990–1992)
Pi Mu Epsilon, National Honorary Mathematics Society—Member since 1990
- President, North Carolina Lambda Chapter (1991–1992)

Hampden-Sydney College Porterfield Award for community contributions (1990)
Hampden-Sydney College Merit Award Scholarship (1986–1987)
Eagle Scout, Boy Scouts of America (1986)

Research Interests

Environmental statistics, mixed general linear models, statistical applications to law, statistical applications to health sciences, statistical computing, statistics education, using technology in teaching, and professional writing skills.

Refereed Articles

Toothman, Mary H., K. M. Kester, T. D. Cruz, W. S. Street IV, and B. L. Brown (2010). "Recovery of environmental human DNA by insects." *Journal of Forensic Sciences 55. 1543–1551.*

Toothman, Mary H., K. M. Kester, J. Champagne, T. D. Cruz, W. S. Street IV, and B. L. Brown (2008). "Characterization of Human DNA in environmental samples." *Forensic Science International 178*, 7–15.

Street IV, W. Scott and D. Edwards (2003). "Mixed-Model Splines for Environmental Time Series." *Environmetrics 14*.

Porter, Dwayne E., D. Edwards, G. Scott, B. Jones, and W. S. Street IV (1997). "Modeling the impacts of anthropogenic and physiographic influences on grass shrimp in localized salt marsh estuaries." *Aquatic Botany 58*, 289–306.

Research Papers Submitted for Review and Publication

Proceedings

Street IV, W.S., Hardin, J.R. (2003), "A Writing Intensive Course in Statistics & Operations Research," 2003 Proceedings of the American Statistical Association, Section on Statistical Education [CD-ROM], Alexandria, VA: American Statistical Association: 4086-4088.

Street IV, W. Scott and D. Edwards (1999). "Mixed-Model Splines for Environmental Time Series." *American Statistical Association 1998 Proceedings of the Section on Statistics and the Environment*, 55–62.

Invited Presentations

"Barnacles, Bivalves & Polychaetes, Oh My!: Modeling Population Cycles." Invited Keynote Address, Annual Pi Mu Epsilon Lecture at Hampden-Sydney College on November 15, 2004.

"A Writing Intensive Course in Statistics and Operations Research." Invited presentation at the Fall INFORMS Meeting in San Jose, California in November 2002. Work presented by Jill R. Hardin.

"A Writing Intensive Course in Statistics and Operations Research." Invited presentation at VCU Biostatistics Colloquium on March 7, 2002. Work presented by Jill R. Hardin and W. Scott Street IV.

"Mixed-Model Splines." Invited Presentation at Virginia Commonwealth University in Richmond, Virginia on December 6, 1999.

"Mixed-Model Splines for Environmental Time Series." Invited Presentation at the international Joint Statistics Meetings in Dallas, Texas on August 11, 1998.

"Barnacles and B-Splines: A Statistical Approach to Modeling Environmental Processes." High Point University Department of Mathematics Colloquium, March 23, 1998.

"Linear Regression in an Introductory Statistics Class." Invited Presentation at Georgia Southern University in Statesboro, Georgia on March 7, 1997.

Contributed Presentations

"A Writing Intensive Course in Statistics," Contributed presentation for the Statistics Section at the annual Virginia Academy of Science meetings in Richmond, Virginia on May 27, 2004.

"A Writing Intensive Course in Statistics & Operations Research," Contributed presentation for the Section on Statistical Education at the international Joint Statistics Meetings in San Francisco, California on August 6, 2003.

"Population Abundance Data and B-Splines." American Statistical Association, South Carolina Chapter Annual Meeting, April 25, 1997.

"Population Size Data, B-Splines, and the General Linear Model." University of South Carolina Department of Statistics Colloquium, April 10, 1997.

Research Projects In Progress

Assisting with design and analysis of clinical trials to investigate the difference in healing time for diabetic foot ulcers using Epifix® alone versus Epifix® and total contact casting. Working with Stacy L. Smithers, MD, FACS of South Central Wound Care and Hyperbaric Medicine in Laurel, MS.

Research Collaborators

Dr. Sam Bartle, VCU Pediatric Emergency Medicine
Dr. Bonnie Brown, VCU Biology
Dr. Greg Garman, VCU Center for Environmental Studies
Dr. Karen M. Kester, VCU Biology

Consulting

Impact Maker's, Inc. Provided oversight and review services for a PPO review project for the Commonwealth of Virginia.

Virginia Board of Bar Examiners. Interpreted analysis of cheating on bar exam.

Women's Health Physical Therapy. Performed study design and analysis of data for several women's health issue studies.

Patient First. Performed multiple statistical analyses and provided advice and recommendations concerning physician ratings data, interpretations, and reports.

Department for Rights of Virginians with Disabilities. Performed sample size assessment and data analysis, and provided expert witness testimony for the Department for Rights of Virginians with Disabilities in a legal case against the Virginia Department of Education.

Barry Strickland & Company. Performed consulting for the analysis of payment habits for a bankruptcy case being handled by a CPA at Barry Strickland & Company.

James River Association. Collaboration with Dr. J. E. Mays. Performed graphical data analysis for the James River Association's 25-year report.

Other Research Experience & Training

Successfully completed the VCU IRB sponsored *Basic CITI Course in the Protection of Human Resource Subjects* in March 2005 and have maintained current certification.

Statistical analysis and consulting for various women's health projects with Women's Health Physical Therapy of Richmond, Virginia.

Statistical analysis and consulting for various projects through the VCU Center for Environmental Studies.

Statistical analysis and interpretation for the Belle W. Baruch Institute for Marine Biology and Coastal Research with regards to the NOAA study of Urbanization and Southeastern Estuarine Systems. Kriging (regression of spatially correlated data) was heavily used.

Teaching Experience

Virginia Commonwealth University Total teaching responsibility, including design of course content and projects, for the following courses:

Statistical Thinking—STAT 208 (35 sections of about 60-180 students in each)
Text: Moore, David S. (2014). *Statistics: Concepts and Controversies, 8e.*

Statistical Thinking Laboratory—STAT 208 (56 sections of about 20 students in each)
Text: Mays, J., W. S. Street IV & R. Johnson (2013). *A Guide to Statistical Thinking.*

Basic Practice of Statistics Laboratory—STAT 210 (2 sections of about 20 students in each)
Text: Moore, David S. (2000). *The Basic Practice of Statistics, 2e*
Mays, D'Arcy P. (2002). *Supplement to The Basic Practice of Statistics, 7e*

Introduction to Probability Theory—STAT 309 (1 section of about 10 students)
Text: Wackerly, D. D., W. Mendenhall III & R. L. Scheaffer. (2002). *Mathematical Statistics with Applications, 6e.*

Applications of Statistics—STAT 314 (26 sections of about 27 students in each)
Text: Devore, J. & Peck, R. (2007). *Statistics: The Exploration and Analysis of Data, 6e. [Traditional Lecture Structure]*

Applications of Statistics—STAT 314 (6 sections of about 150 students in each)
Text: Devore, J. & Peck, R. (2012). *Statistics: The Exploration and Analysis of Data, 7e. [Flipped Structure]*

Communications in Statistics & Operations Research—OPER/STAT 490 (8 sections of about 5–10 students) CAPSTONE COURSE
Texts: Goodall Jr., H. L. & Sandra Goodall (2002). *Communicating in Professional Contexts.*
Booth, Colomb & Williams (1995). *The Craft of Research.*
Gibaldi, J. (1999). *MLA Handbook for Writers of Research Papers, 5e.*

Developing Professional Skills in Operations Research and Statistics—SSOR 490 (3 sections of about 5–10 students) CAPSTONE COURSE
Texts: American Psychological Association (2009). *Publication Manual of the Amarican Psychological Association, 6e.*
Booth, Colomb & Williams (2003). *The Craft of Research, 2e.*
Williams, R. (1995). *The PC Is not a Typewriter* **or**
Williams, R. (2003). *The Mac Is not a Typewriter.*

Independent Study (Survey Research & VCU IRB)—STAT 697 (1 section of 1 student)

Statistical Methods I—STAT 543 (3 sections of about 20–25 students in each)
Text: Ott, R. Lyman & Longnecker, M. (2001). *An Introduction to Statistical Methods and Data Analysis, 5e.*

Statistical Methods II—STAT 544 (3 sections of about 5–10 students in each)
Text: Ott, R. Lyman & Longnecker, M. (2001). *An Introduction to Statistical Methods and Data Analysis, 5e.*

Applied Project—STAT 696 (1 section of 1 student)

Directed Study (Survey Research & VCU IRB)—STAT 697 (1 section of 1 student)

Thesis—STAT 698 (1 section of 1 student)

Choices in Consumer Society—HUMS 202 (19 sections of about 2200 students in each & 14 sections of about 35 students in each)
Text: *FDIC Money Smart*, online materials (2012).

Elementary Algebra—MATH 001 (4 sections of about 15 students in each)
Text: Martin-Gay, K. Elayn (1999). *Introductory Algebra.*
Algebra with Applications—MATH 141 (4 sections of about 15 students in each)
Text: Martin-Gay, K. Elayn (1999). *Intermediate Algebra: Custom Version for Virginia Commonwealth University.*
Probability & Statistics: Developing Highly Qualified Middle School Teachers—MATH 591 (2 sections of about 20 students)
Text: Numerous texts from the *Connected Mathematics* series of materials as well as committee-developed materials.
Probability & Statistics for Algebra I Add-on Endorsement—MATH 591 (1 section of about 20 students)
Text: Perkowski Debra A. & Perkowski, Michael (2006). *Data Analysis and Probability Connections*.
Statistics & Probability (for K–8 Math Specialists)—MATH 664 (3 sections of about 24 students)
Text: Numerous texts from the DMI, Navigating, and Exploring Statistics series of materials as well as committee-developed materials.

Georgia Southern University Total teaching responsibility, including design of course content and projects, for the following courses:
Semester System
Introduction to Statistics I—STAT 2231 (12 sections of about 30 students in each)
Text: Moore, David S., George P. McCabe (1999). *Introduction to the Practice of Statistics.*
Introduction to Statistics II—STAT 2232 (2 sections of about 10 students in each)
Text: Weiss, Neil A. (1997). *Introductory Statistics.*
Statistical Methods I—STAT 5531/5531G (2 sections of about 24 students in each)
Text: Freund, Rudolf J., William. J. Wilson (1997). *Statistical Methods.*
Statistical Methods II—STAT 5532G (Independent Study for 1 graduate student)
Text: Freund, Rudolf J., William. J. Wilson (1997). *Statistical Methods.*
Orientation I—GSU 1210 (1 section of about 25 students)
Orientation II—GSU 1211 (1 section of about 25 students)

Quarter System
Statistics Using the Computer I—STA 255 (4 sections of about 35 students in each)
Text: Weiss, Neil A. (1997). *Introductory Statistics.*
Statistics Using the Computer II—STA 256 (1 section of 24 students)
Text: Weiss, Neil A. (1997). *Introductory Statistics.*
Probability—MAT 338 (1 section of 20 students)
Text: Markley, Nelson G. (1995). *Introduction to Probability.*
Introduction to BASIC Programming—CSC 230 (1 section of 20 students)
Text: Schneider, David I. (1994). *QBASIC with an Introduction to Visual Basic.*
Business Calculus—MAT 155 (2 sections of about 35 students in each)
Text: Harshbarger & Reynolds (1996). *Mathematical Applications for the Management, Life, and Social Sciences.*

University of South Carolina Total teaching responsibility, including design of projects, for the following courses:
Introductory Statistics—STAT 110 (8 sections of about 45 students in each)
Text: Moore, David S. (1991). *Statistics: Concepts and Controversies.*
Elementary Statistics—STAT 201 (1 section of 42 students)
Texts: Blaisdell, E. A. (1993). *Statistics in Practice.*
Spurrier, J. D., D. Edwards, L. A. Thombs (1995). *Elementary Statistics Laboratory Manual.*
Statistical Methods II—STAT 516 (2 sections of about 10 students in each)
Text: Freund, Rudolf J., William. J. Wilson (1993). *Statistical Methods.*

Curriculum Development

STAT 208 "Statistical Thinking"—I co-wrote the supplementary textbook and PowerPoint™ lecture slides that are used in all sections of this course. I also assisted with incorporating a remote response system into components of this class. In addition, I developed the plan and obtained (through grant funding) the materials required for implementing the remote response system in our smaller summer session lecture classes. Furthermore, in an effort to maintain the academic integrity of this course, I conduct weekly meetings of all STAT 208 instructors. In Spring 2007, I developed and implemented a "podcast" of daily lectures, and I have continued to produce and publish these podcasts through *iTunes University*. In Summer and Fall 2011, I developed and implemented a hybrid online (lecture) and in-class (laboratory) version of the course. I am currently investigating options for online laboratories.

STAT 314 "Applications of Statistics"—I have changed the structure of this course from a 3-hour lecture/lab course to a 4-hour lecture course that incorporates almost daily hands-on computer-based statistical analysis in the classroom into a 4-hour flipped course that uses online lectures/examples with in-class problem solving and discussion. Using extensive handouts that I have developed, students now learn about statistical methods and how to perform them by hand as well as how to obtain and interpret the corresponding analyses in SPSS™ statistical software. I have also incorporated several projects that give the students the opportunity to work in teams, to develop their own investigations, and to clearly present results in a formal paper, a poster presentation and an oral presentation using presentation software. I have recently converted this course from a large lecture format with separate computer lab help sessions into a flipped structure. We have video-recorded each lecture so that the students will have access to all lecture video podcasts throughout the semester. This has enabled us to offer STAT 314 in a flipped format, and student performance seems to have improved slightly.

STAT/OPER 490 "Communications in Statistics & Operations Research"—With Dr. Jill (Hardin) Wilson, I created this team-taught course to focus on methods of communicating statistics and operations research models and results to many different audiences including scientists, employers, employees, and the general public. I have worked with employers and students to continue to improve this class, and this improvement has recently necessitated changing the credit hours from 2 to 3 due to the extra-added topics/activities. Much of this course is discussion-based either amongst ourselves or with guest speakers. Several assignments and projects permit the students to hone their communication skills in different settings.

SSOR 490 "Developing Professional Skills in Operations Research and Statistics"—I have transitioned STAT/OPER 490 into the department's new capstone course to be taken by all majors in the VCU Department of Statistical Sciences and Operations Research. This course is no longer team-taught, and a new major component of the course is to create and present a research-based technical report on a topic/project of the student's choice.

HUMS 202 "Choices in a Consumer Society"—I created this online, self-paced, Pass/Fail financial literacy course that is required for all majors in the College of Humanities and Sciences at Virginia Commonwealth University. I created a course website as well as an entire Blackboard site with instructional and assessment materials including an extensive test bank for each of the eleven lesson modules (provided by the FDIC). Work on this course is on-going as improvements and revisions are constantly needed because of changes in regulations/policy as well as suggestions from students for increasing understandability of the material and regulations.

MATH 591 "Probability and Statistics for Algebra I Add-on Endorsement"—I actively served on a small statewide team of educators that developed and implemented this course. This class is a part of the collaborative mathematics program that is being offered jointly at several state schools including University of Virginia, Virginia Commonwealth University, College of William & Mary, and Norfolk State University.

MATH 664 "Statistics & Probability (for K–8 Math Specialists)"—I actively served on a small statewide team of educators that developed and implemented this course. This class is a part of the collaborative mathematics specialist program that is being offered jointly at several state schools including University of Virginia, Virginia Commonwealth University, Longwood University, and Norfolk State University.

Teaching Related Grants & Funding

Virginia Commonwealth University Center for Teaching Excellence Faculty Teaching Grant (2005). "Enriching Summer Statistics Classes Through the Use of CPS." Joint with Dr. J. E. Mays. This grant supplied computer equipment and supplies (approximate value of $3500) to assist with the development and implementation of a portable application of the Classroom Performance System (CPS) for use within the VCU/CPS paradigm. This portable system was successfully implemented for the Summer 2005 STAT 208 (Statistical Thinking) courses.

ARTIST Fellowship (2004) awarded to attend the ARTIST Roundtable Conference on Assessment in Statistics at Lawrence University in Appleton, Wisconsin in August 2004. ARTIST is an NSF-funded project that is developing Assessment Resource Tools for Improving Statistical Thinking. This grant was funded by the NSF and covered conference fees, lodging, and meals.

Virginia Commonwealth University Faculty Mentoring in Instructional Technology Award (2002-2003). "Web-based Multimedia Components to Enhance the Learning and Teaching of Intermediate Statistics." Provided equipment (laptop computer & software with an approximate value of $5000) and training for implementation of recent technological advances in course content and instruction. Some results are incorporated in STAT 314 (Applications of Statistics) and in OPER/STAT 490 (Communications in Statistics and Operations Research).

VCU Summer Institute (2002). Advanced Users Group. Awarded tuition and supplies for weeklong intensive training in technology use and how to incorporate it in one's teaching.

Virginia Commonwealth University Center for Teaching Excellence Faculty Teaching Grant (2001-2002). "Development of a Writing Intensive Course for the Department of Statistical Sciences and Operations Research." Joint with Dr. J. R. Hardin. This grant supplied summer stipends and supplies (approximate value of $3500) to assist with the development and implementation of OPER/STAT 490 (Communications in Statistics and Operations Research). This course teaches academic and professional communication skills in statistics and operations research to undergraduate students.

Textbooks & Supplementary Materials

Street IV, W. Scott (2013). *Test Bank for use with Moore/Notz: STATISTICS: Concepts and Controversies, 8e* (CD-ROM & Blackboard), W. H. Freeman & Co.

Miller, J. and W. Scott Street IV (2013). *Instructor's Solutions Manual and Test Bank for use with Moore/Notz: STATISTICS: Concepts and Controversies, 8e*, W. H. Freeman & Co.

Street IV, W. Scott, James E. Mays, and Robert E. Johnson (2003-2013). *A Guide to STAT 208 Statistical Thinking.* (six editions published; includes PowerPoint Lecture Slides.)

Mays, James E., Street IV, W. Scott (2009). *PowerPoint Lecture Slides and Supplementary Textbook for David Moore's Basic Practice of Statistics, 6e*, W. H. Freeman & Co.

Supervision of Thesis/Project/Dissertation

Daniel B. Feagans—May 2012 (M.S., Mathematical Sciences – Statistics)
Rebecca J. Fish—May 2006 (M.S., Mathematical Sciences – Statistics)

Membership on Thesis/Dissertation Committees

Antoine Nicolas—May 2009 (Ph.D., Integrative Life Sciences)
David B. Jones—May 2009 (M.S., Environmental Studies)
Mary Toothman—May 2007 (M.S., Biology)
Kieron M. Torres—Aug. 2006 (M.S., Biology)
Birgitte R. Dodd—Aug. 2004 (M.S., Environmental Studies)
Antoine Nicolas—Dec. 2003 (M.I.S., Environmental Studies)
Brian D. Shaffer—Dec. 2003 (M.S., Mathematical Sciences – Statistics)
Susan S. Schaefer—Aug. 2003 (M.I.S., Environmental Studies)
Kim A. Baggett—May 2003 (M.I.S., Environmental Studies)
Andrew R. Duggan—Dec. 2002 (M.I.S., Environmental Studies)
Rhonda S. Houser—May 2002 (M.I.S., Environmental Studies)

Departmental Service

Promotion Committee, VCU SSOR (Fall 2015)
Search Committee, VCU SSOR (Summer 2013)
Technology Committee Chairman, VCU SSOR (2011–)
Search Committee Chairman, VCU SSOR (Summer 2011 & Summer 2012)
Undergraduate Program Director, VCU SSOR (2011–)
Announcement TV Administrator, VCU SSOR/MATH (2010–)
STAT 208 Coordinator, VCU SSOR (2009–)
Faculty Advisor, Mu Sigma Rho Honor Society, VCU SSOR (2007–)
Telecommunications and Voicemail Coordinator, VCU SSOR/MATH (2002–2007)
Academic Advisor, VCU SSOR (2001–)
Webmaster, VCU SSOR (2001–2015)
Undergraduate Credentials Committee, VCU SSOR (2000–)
    Chair, Undergraduate Credentials Committee, VCU SSOR (2007–)

College & University Service

VCU Advisory Board for President's Action Group on Diversity and Inclusion (2016–)
VCU Committee to Revise the *Bylaws of the Faculty* (2016)
VCU Committee to Revise the *Faculty Mediation and Grievance Procedure* (2016)
VCU Exclusive Beverage RFP Committee (2016)
VCU Search Committee for GEHLI Senior Program Associate (2016)
VCU Student Success Collaborative Integration Committee (2016)
College of Humanities and Sciences Search Committee for Director of Student Services (2015)
VCU New Budget Model Task Force (2014–2017)
VCU 2015 Bike Race Committee (2014–2015)
VCU Provost's A&P Faculty Task Force 2.0 (2014–2015)
Attended AAC&U Conference at the request of the Vice Provost for Academic and Faculty Affairs in order to learn strategies for implementing the VCU QEP (2014)
VCU Provost's A&P Faculty Policies Task Force (2013–2014)
VCU University Council (2013–2016)
- Alternate from Faculty Senate (2013–2014)
- Representative from Faculty Senate (2014–2017)
- Faculty Affairs Committee (2014–2017)

College of Humanities and Sciences Tech Committee (2013–)
VCU Banner Placement Test Steering Committee (2012–2013)
VCU Undergraduate Advising Council (2012–)
VCU University Academic and Administrative IT Steering Committee (2012–)
VCU Google Apps Steering Committee (2012–2014)
VCU Enterprise Email RFP Committee (2011–2012)
VCU Electronic Communications Modernization Project Committee (2011–2012)

College of Humanities and Sciences Active Directory Migration Dept. Coord. (2011)
VCU Online Learning Advisory Committee (2011–2013)
VCU Faculty Grievance Advisory and Restructuring Committee (2010–2013)
College of Humanities and Sciences HUMS 202 Coordinator (2009–)
College of Humanities and Sciences Undergraduate Academic Committee (2008–)
VCU Representative to Association of American Colleges and Universities
- Regional Sounding on Liberal Education Outcomes (2008)

Chemistry Department Promotion Committee (2007)
VCU Project ARIES (Banner) Steering Committee (2006–2007)
VCU Assessment Evaluator—Critical Thinking & Oral Communication (2006)
VCU Faculty Senate (Elected 2005–2008, 2011-2014, 2015-2018; Honorary 2008–2011)
- Student Affairs Committee, Co-Chairman (2005-2006)
- Credentials & Rules Committee (2005–), Chairman (2007-2015)
- Parliamentarian (2009–2015)
- Monroe Park Campus Representative (2014–2015, "Special Senator" status)
- Recording Secretary & Treasurer (2015–2016)
- Vice President (2016–2017)

College of Humanities and Sciences Faculty Council (2005–2007)
- Departmental Representative, Alternate (2005–2007)

VCU Rice Center Cooperators Group (2004–)
VCU Virginia Rivers Initiative Steering Committee (2002–2004)
VCU Weekend Retreat to assess the National Survey of Student Engagement (2002)

Professional Service

NSF Division of Mathematical Sciences Review Panel (2015)

Editorships & Editorial Boards

Statistics Education Web (STEW) online journal for teaching K–12 staistics
- Editor (2008–2010)

Reviewer for Publishers

Book Reviewer, W. H. Freeman & Co. (2015). Reviewed *Statistics: Concepts and Controversies, 9e* by David S. Moore.
Book Reviewer, W. H. Freeman & Co. (2008). Reviewed *Statistics: Concepts and Controversies, 7e* by David S. Moore.
Book Reviewer, John Wiley & Sons, Inc. (2007). Reviewed a new, untitled introductory statistics text proposed by an unnamed author.
Book Reviewer, John Wiley & Sons, Inc. (2006). Reviewed *What You Should Know About Statistics, 1e* by Daniel W. Shafer.
Reviewer and Consultant for W. H. Freeman & Co. (2003). Reviewed *WebStat*™ statistical software by R. Webster West and participated in a focus group with David S. Moore concerning integrating *WebStat*™ and Dr. Moore's textbooks.
Book Reviewer, John Wiley & Sons, Inc. (2003–2004). Reviewed *Introductory Statistics, 5e* by Prem S. Mann and *Introductory Statistics: Using Technology, 5e* by Prem S. Mann.
Book Reviewer, Prentice Hall's Higher Education Group (2001). Reviewed several chapters of *Quality Control, 5e* by Dale H. Besterfield.

Community Activities & Service

Assistant Scoutmaster for 2017 National Scout Jamboree Troop from Heart of Virginia Council, BSA (2016–2017)
National Scout Jamboree Committee for Heart of Virginia Council, BSA (2015–2017)
Associate Adviser, Chippenham Pathway to Eagle & Full-scale Emergency Preparedness Exercise, jointly with Chippenham Hospital (HCA) and Heart of Virginia Council of the Boy Scouts of America (2015)

Delegation Adviser for Heart of Virginia Council, BSA delegation to the 2015 National Order of the Arrow Conference (2014–2015)
Boy Scout Scoutmaster for Troop 840 at St. Michael's Episcopal Church in Bon Air, VA (2014–)
Associate Finance Adviser, Nawakwa Lodge #3, Order of the Arrow, BSA (2014–)
Scouting for Food Chairman, Heart of Virginia Council, BSA (2013–)
Product Sales Chairman, Heart of Virginia Council, BSA (2013–2015)
Associate Finance Adviser, Nawakwa Lodge #3, Order of the Arrow, BSA (2013–)
100th Anniversary Encampment Committee, Heart of Virginia Council, BSA (2012–2013)
Scoutmaster for 2013 Jamboree Troop from Heart of Virginia Council, BSA (2012–2013)
Sound Direction and Announcer, Magic Dragon Day, St. Michael's Episcopal School (2012–2014)
Cub Scout Day Camp Director, Heart of Virginia Council, BSA (2011–2014)
Boy Scout Assistant Scoutmaster for Troop 840 at St. Michael's Episcopal Church in Bon Air, VA (2011–2014)
Cub Scout Cubmaster for Pack 840 at St. Michael's Episcopal Church in Bon Air, VA (2011–2016)
Communications Commissioner and Webmaster, St. Matthias' Episcopal Church in Midlothian, VA (2010–2013)
Install and Maintain Theater Sound Systems at St. Michael's Episcopal School in Bon Air, VA (2009–2014)
Properties Committee, Heart of Virginia Council, BSA (2009–)
Trainer of Cub Scout leaders for the Huguenot Trail District of the Heart of Virginia Council of the Boy Scouts of America (2008–)
Aquatics Committee, Heart of Virginia Council, BSA (Member 2008–2015, Chairman 2008–2011)
Scouting for Food Coordinator for the Huguenot Trail District of the Heart of Virginia Council of the Boy Scouts of America (2007–)
Cub Scout Den Leader for Pack 840 at St. Michael's Episcopal Church in Bon Air, VA (2006-2011)
Auction Checkout Chairman, St. Michael's Episcopal School (2006–2012)
Webmaster, Nawakwa Lodge #3, Order of the Arrow, BSA (2005–2016)
Coordinated food drive for the Central Virginia Food Bank within all sections of STAT 208 with about 13,000 pounds of food collected since December 2008
Perform data analysis as Council Statistician for the Heart of Virginia Council, Boy Scouts of America (2004–2014)
Publications Adviser, Nawakwa Lodge #3, Order of the Arrow, BSA (2003–2011)
Statistics Presenter at The Science Museum of Virginia as a part of National Science & Technology Week (2001–2004)
Reviewer/Judge for the Mathematics and Statistics sections of the Virginia Junior Academy of Sciences research paper competitions (2001–2004)
Invited Trainer for Wood Badge (intense leadership training experience for adult leaders of the Boy Scouts of America): used my skills as an instructor to train others to be effective teachers (2004, 2007, 2009)
Camping Committee, Heart of Virginia Council, BSA (1992–)

Memberships

VCU Graduate Faculty—Member since 2002
VCU Virginia Rivers Initiative—Member since 2002
VCU Center for Environmental Studies—Associated Faculty Member since 2000
American Statistics Association—Member since 1994
- ASA Section on the Environment—Member since 1995
- ASA Section on Education—Member since 2002
- Virginia Academy of Sciences Chapter—Member since 2002

Virginia Academy of Sciences—Member since 2004
- Statistics Section Councilor (2004-2007)

MENSA—Member since 1999

Mathematical Association of America (1998–2000)
Heart of Virginia Council, Boy Scouts of America—Member since 1979
- Council Executive Committee—Member-at-Large since 1995
- Adult Leadership Trainer—since 2001
- Order of the Arrow—Adult Adviser since 2003
- Council Statistician—2004–2014
- Cub Scout Den Leader—2006–2011
- Cub Scout Cubmaster—2011–2016
- Boy Scout Assistant Scoutmaster—2011–2014
- Boy Scout Scoutmaster—since 2014