

NOREAN R. SHARPE

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EDUCATIONAL BACKGROUND

- Ph.D. Systems Engineering, **University of Virginia**, Charlottesville, VA
- M.S. Biomathematics, **University of North Carolina**, Chapel Hill, NC
- B.A. Mathematics and German, **Mount Holyoke College**, South Hadley, MA

PROFESSIONAL BACKGROUND

- 2024 – Present Director, MS Analytics, Tobin College of Business, **St. John's University**
- 2023 – 2024 Visiting Full Professor, Department of Mathematics & Statistics, **Williams College**
- 2016 – 2023 Dean, The Peter J. Tobin College of Business, **St. John's University**
- 2009 – 2016 Senior Associate Dean, McDonough School of Business, **Georgetown University**
- 1995 – 2009 Professor and Chair, Division of Mathematics and Science, **Babson College**
- 1989 – 1995 Assistant Professor, Mathematics and Statistics, **Bowdoin College**
- 1987 – 1989 MacArthur Post-doctoral Research Associate, **Yale University**

ADMINISTRATIVE EXPERIENCE

President's Advisory Council and Provost's Advisory Council, St. John's University (2016 – 2023): As a member of the President's and Provost's Advisory Councils, I actively participated with the President and Provost, as well as other cabinet members, in monthly strategic discussions and decisions on the financial, strategic, and academic risks facing the University. Discussions with the VP of Enrollment Management, VP of Advancement and University Relations, VP of Equity and Inclusion, General Counsel, and the CFO included topics such as: mitigating the risks of declining enrollment, shrinking net tuition revenue, shifting of donations from academics to athletics, increasing discount and tuition, evolving priorities to improve climate and inclusivity on campus; and increasing competition in faculty recruitment and retention.

External Strategic Planning Advisory Committee for President Spinelli, Babson College (2019): Worked with President Spinelli, other senior leaders, faculty, and alumni to provide advice for President Spinelli during his first year in office. Advised President Spinelli on strategic planning process, academic mission, alumni outreach, faculty development, and curriculum reform.

Dean, The Peter J. Tobin College of Business, St. John's University (2016 – 2023): As Dean, I was responsible for the strategic, financial, and academic decisions for 3,000 students, supported by more than 200 faculty and staff on the Manhattan, Queens, and Staten Island campuses. Within the Tobin College is the Center for Excellence in Enterprise Risk Management, Center for Executive Education, Applied Finance Institute, and Center for Global Business Stewardship, as well as the School of Risk Management, Insurance, and Actuarial Science (SRM). From 2016 – 2023, our business school endowment grew to ~\$150M and our operating budget grew to ~\$40M. Since becoming Dean, my focus was on fundraising to support faculty research; diversifying recruitment of students and faculty; reaching out to alumni to grow our Board of Advisors; working with the Career Services Center to increase access to internships; developing interdisciplinary programs; and collaborating with Deloitte on a series of symposia on *Risk Management in Higher Education*.

- STRATEGIC PLANNING AND RISK MANAGEMENT:
 - Successfully developed and implemented five-year strategic plan for the Tobin College of Business to mitigate the risks of declining applicants, decreasing net tuition revenue and retention, increasing need for external funding, and growing reliance on digital branding and communication.
 - Facilitated annual retreats with staff and faculty to update strategic plan each year, to support innovative initiatives, global programs, faculty research, and new faculty.
- FACULTY RESEARCH AND DEVELOPMENT:
 - Worked with faculty union representatives to support shared governance initiatives
 - Mentored numerous faculty members through the tenure and promotion process
 - Raised funds for faculty endowed chairs and professorships
 - Presented strategic proposals to the Board of Advisors to raised funds to create new Faculty Development Fund for the purpose of supporting faculty travel and professional education
 - Launched summer research program to provide opportunities for students to gain research experience and support faculty research
 - Restructured Dean's Office to include five Associate Dean roles and new Faculty Director roles to engage faculty in important decision-making at the College level
- FUNDRAISING:
 - Worked with VP of Advancement and President to raise 7-figure and 8-figure gifts for endowed student scholarships and endowed professorships
 - Raised funding to establish new Tobin Honors Program to attract top-tier students
 - Grew both the principal value and market value of endowment at the College by ~60%; increased market value to ~\$150 million in 2023
- ADMISSIONS/RANKINGS:
 - Worked with VP of Enrollment to increase both quantity and quality of students: average SAT/ACT scores increased by over 100 pts over 7 years
 - Hired Director of Communications and Marketing for the College to create UG and Graduate brochures and inaugural Business Magazine and annual Dean's Report
 - Raised ranking of following programs: BS from *unranked* to #38 (2022) in *Poets&Quants*; online MBA to #37 in *USNEWS* (2022); online MBA to #18 in *Fortune* (2022); and BS in Risk Management/Insurance to #8 (2022) in *USNEWS*
- CURRICULUM AND CO-CURRICULUM DEVELOPMENT:
 - Launched Dean's Honors Program in 2019 and raised funds to endow program as the Thomas J. Cox, Jr. Honors Program (now enrolls 100 UGs annually with average SAT of 1360)
 - Launched new joint programs: BS Financial Mathematics, MS Entrepreneurship, Online MBA, and STEM MBA
 - Created Tobin Entrepreneurship Experience (TEE) program for all new UGs in 2022
 - Collaborated with faculty to launch Applied Finance Institute (AFI) Fellows program for students to stimulate student research in finance.
- NON-PROFIT BOARD MANAGEMENT/PARTICIPATION:
 - Grew and diversified Tobin Board of Advisors to nearly 40 members by recruiting ~20 new members; grew number of women from 1 to 10.
 - Nominated and elected to serve on board for Women's Forum Education Fund, as part of the Women's Forum of New York – an elite organization for C-Suite women (<https://www.womensforumny.org/education-fund/>). This Fund supports women over the age of 35 to continue their education.

Senior Associate Dean, McDonough School of Business, Georgetown University (2009 – 2016):

As Senior Associate Dean, I was responsible for all undergraduate programs for ~1400 business students. Responsibilities included managing budget for UG Program; collaborating with faculty on curricular initiatives; designing and implementing global programs; developing new alliances with for-profit and nonprofit organizations; creating academic assessment frameworks; designing co-curricular activities; developing admissions programs/materials; overseeing student advising process; and fundraising for all initiatives. Also required to work cooperatively with campus-wide Admissions Office, Career Center, Registrar, Office of Student Affairs, Office of Institutional Research, and Provost's Office. Within the School of Business, I managed the Parents Advisory Council; and developed the long-term strategic vision for the Undergraduate Program.

➤ ADMISSIONS:

- Started the McDonough Admissions Program (MAP) to complement the information sessions provided by the main campus Admissions Office in 2010.
- Spearheaded creation of all promotional material for Undergraduate Program (none of which existed prior to 2009).
- Raised ranking of Undergraduate Program from #24 (2009) to #18 (2013) at BusinessWeek and from #21 (2009) to #5 (2016) at US News & World Report.
- Since 2010, EA and Regular Decision applicants to McDonough increased by 35%; yield rose to nearly 60%; and acceptance rates dropped to 16%.
- Worked with Office of Advancement to raise funding for need-based scholarships for both domestic and international students.

➤ ASSESSMENT:

- Served on campus-wide assessment committee as the McDonough School representative for recent reaccreditation by Middle States.
- Led successful re-accreditation effort for Undergraduate Program by AACSB.
- Developed and implemented assessment frameworks to evaluate student learning for Middle States and AACSB reaccreditation, including the development of writing rubrics, learning goals, and indirect measurements.
- Wrote the report for Provost for internal 2015 review.

➤ CO-CURRICULAR DEVELOPMENT:

- Worked with global institutions to initiate and implement additional study abroad opportunities for students; negotiated new MOUs with schools in Barcelona, Jeddah, Saudi Arabia and Copenhagen.
- Created new custom summer programs in Barcelona (in *Global Entrepreneurship*) and in Shanghai and Hong Kong (in *Strategic Management*).
- Collaborated with faculty to create new First Year Seminar titled *International Business, Public Policy and Society* in 2010.
- Collaborated with deans at School of Foreign Service to launch innovative Global Business Fellows Program with innovative curriculum and co-curricular components that combined business, international affairs, and language.
- Collaborated with Director of Entrepreneurship to launch Entrepreneurship Fellows Program (EFP).
- Launched Summer Undergraduate Research Fellows (SURF) program to stimulate student research.
- Created and implemented social internship program in Managua, Nicaragua for students to work with local nonprofit organizations.

- FUNDRAISING:
 - Allocated ~30% of time to fundraising.
 - Created Undergraduate Initiatives Fund to provide funding for strategic programs, such as UG Summer Scholarships, Summer UG Research Fellowship (SURF) Awards, student travel/conferences, alumni mentoring programs, Entrepreneurship Fellows Program, and other curricular/co-curricular initiatives.
 - Traveled domestically (Boston, NYC, Miami, and LA) and internationally to speak to alumni as lead advocate/ambassador for undergraduate initiatives
 - Raised funds to create new Office of Professional Development.
 - Worked with VP Office of Advancement and others on multiple development efforts; closed multiple six-figure and seven-figure gifts.

- STRATEGIC PLANNING:
 - Successfully drafted and implemented three-year strategic plans for the Undergraduate Program at Georgetown McDonough ('09 – '12 and '12 – '15)
 - Developed and facilitated retreat with staff and faculty to create new strategic plan that included short-and long-term strategic objectives, new curricular efforts, global programs, alumni involvement, career development, and fundraising goals.

- BOARD MANAGEMENT:
 - Created and Grew Parents Advisory Council (PAC) from 15 in 2010 to 55 in 2015; chaired Council meetings each fall and spring for seven years to receive advice on programming and philanthropy.
 - Presented regular updates on strategic initiatives to the Board of Advisors and Council of Deans at Georgetown.
 - Served on three non-profit boards in the Boston and Washington, DC areas.

CHAIR, DIVISION OF MATHEMATICS & SCIENCE, Babson College (2007 – 2009):

As Division Chair, I managed 25 faculty and staff in the disciplines of mathematics, operations research, statistics, and the physical, life, and environmental sciences. Directed search and hiring process for new Division Coordinator, part-time faculty, and tenure-track faculty. Evaluated faculty performance; managed budget of ~\$1 million; mentored faculty; launched Colloquium Series; conducted major review of core quantitative curriculum; revised strategic plan for the Division; represented Division at Deans' meetings; and launched review and benchmarking of science curriculum.

INSTITUTIONAL COMMITTEES/ SERVICE

ST. JOHN'S UNIVERSITY: (2016 – 2023)

Strategic Planning Committee (*ex officio*): 2021 – 2023
President's Advisory Council: 2016 – 2023
Provost's Advisory Council: 2016 – 2023
Dean's Council: 2016 – 2023
Search Committee for VP of Advancement: 2017 – 2018
Administrative and Academic Assembly: 2016 – 2019

GEORGETOWN UNIVERSITY: (2009 – 2015)

Global Business Advisory Board (2014 – 2015)
Mission and Ministry Board of Advisors (2013 – 2015)
Search Committee for Dean, School of Continuing Studies (2013)
Aspen Curriculum Task Force, Chair (2012 – 2014)
Entrepreneurship Advisory Committee (2012 – 2014)
Rankings Committee (2011 – 2015)
Fulbright Selection Committee (2011 – 2015)
Social Enterprise Advisory Committee (2010 – 2015)
Middle States Accreditation Committee (2010 – 2012)
Undergraduate Curriculum Committee (2009 – 2015)
Undergraduate Faculty Advising Committee, Chair (2009 – 2015)
Admissions Committee (2009 – 2011)

BABSON COLLEGE: (1996 – 2009)

Chairs and Deans Committee (2006 – 2009)
Appointments/Tenure Decision Making Body (2004 – 2006)
Faculty Agenda Committee (2003 – 2005)
Strategic Planning Committee (2002 – 2003)
Student Experience Task Force (2002 – 2003)
Faculty Compensation Committee (1998 – 1999)
Student Opinion Survey Committee (1998 – 1999)
Honor Council (1997 – 1999)

RESEARCH CONCENTRATIONS

Enterprise Risk Management in Higher Education, Statistics Education, Data Analytics,
Institutional Assessment, Women Scientists and Entrepreneurs, Forecasting Models;
Entrepreneurship in the Middle East; Success of Women's Colleges

ACADEMIC EXPERIENCE (Courses Taught)

2024-2025	ST. JOHN'S UNIVERSITY Modern Statistics I and II, Advanced Analytics
2023 – 2024	WILLIAMS COLLEGE Statistics for Social Sciences
2013-2016	GEORGETOWN UNIVERSITY First Year Seminar: <i>Why Forecasts Fail: Predictions for a Global Economy</i>
1995-2009	BABSON COLLEGE: Statistics, Advanced Applied Statistics, Forecasting Methods, Applied Quantitative Modeling, and Calculus
1989-1995	BOWDOIN COLLEGE: Probability and Statistics, Calculus I, II, and III, Discrete Mathematics, Applied Regression Analysis, Numerical Methods, and Queuing Theory

NON-PROFIT BOARDS

- 2017 – 2024 Board member of Education Fund Advisory Committee for the Women’s Forum of New York – leading organization for C Suite women in the U.S.
(<https://www.womensforumny.org/>).
- 2010 – 2016 Board member for YearUp, National Capital Region
(<https://www.yearup.org/>).
- 2009 – 2015 Board member for Global Stem Education Center after merging with DOME
(<https://globalstemcenter.org/>).
- 2013 – 2014 Fundraising Committee, Fabretto Children’s Foundation
- 2009 – 2014 Board member for Thurgood Marshall Academy (charter school in Washington, DC)
(<https://thurgoodmarshallacademy.org/>).
- 2007 – 2009 Chairman of the Board and co-founder of Diversity and Outreach in Mathematics and Engineering (DOME) Foundation, a non-profit to increase participation in the STEM disciplines by underrepresented populations

CONFERENCE PRESENTATIONS (after 1993)

- 2025 *Symposium on Risk Management in Higher Education* (moderator and speaker), Deloitte, Arlington, VA, April 3, 2025.
- 2024 *Expanding the Liberal Arts for Workforce Readiness* (moderator), AAC&U Annual Meeting, Washington, DC.
- 2023/ *Risk Factors to Academic Quality* (moderator), Symposium on Risk Management in Higher
2024 Education, Washington, DC and New York, NY.
- 2021/ *Risk Factors for Deans: Enrollment, Resources, and Faculty Retention* (moderator), Symposium on
2022 Risk Management in Higher Education (online meetings).
- 2020 Dean’s Panel, EFMD Dean’s and Director’s Conference, Milan, Italy.
- 2019 Represented St. John’s at the UN PRME meeting in Davos, Switzerland at the *World Economic Forum*.
- 2019 Dean’s Panel, FinTech Conference, Valencia, Spain
- 2018 Dean’s Panel (moderator), International Vincentian Business Ethics Conference, NY.
- 2018 Dean’s Panel (moderator), Global Business Research Symposium, Rome, Italy.
- 2018 Educating a Diverse Workforce (w/ Lynn Wooten), AACSB, Deans Conference, Las Vegas.
- 2017 Innovative Global Programs: Global Social Entrepreneurship (Invited Talk), AACSB Curriculum Conference, Columbus, OH.

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- 2015 Designing Innovative Global Programs and Partnerships (Invited Plenary Talk), AACSB Meeting, St. Louis, MO.
- 2013 Does Earning AP Credit Impact GPA? Decision Sciences Institute (DSI) Meeting, Baltimore, MD.
- 2012 Global Alliance between Georgetown and ESADE, AACSB Annual Meeting, San Diego, CA.
- 2011 Introducing Social Responsibility/Financial Concepts into Business Statistics, DSI Meeting, Boston, MA.
- 2010 Reflection on Assessment Progress and Challenges, DSI Meeting, San Diego, CA.
- 2008 Challenges in Creating the Framework for Assessment, DSI Meeting, Baltimore, MD.
- 2008 Service Learning: Student Consulting and Collaboration, Joint Statistical Meetings, Denver, CO.
- 2007 Developing a Collaborative Assessment Framework (with D. Chase, D. Hanno, and R. Reiser), Assessment Institute Meeting, Indianapolis, IN.
- 2007 Teaching Ethics in Introductory Statistics, DSI Meeting, Phoenix, AR.
- 2007 Using Statistics for Service Learning (with J. Legler), United States Conference on Teaching Statistics (USCOTS), Columbus, OH.
- 2007 Calls for 911 Service: Forecasting Calls for the City of Cleveland (Invited Talk, with J. Holcomb), Case Western University, Cleveland, OH.
- 2007 Math is Music – Statistics is Literature (with R. De Veaux), Annual Meeting of Northeast Decision Sciences Institute (NEDSI), Baltimore, MD.
- 2006 Value and Purpose of Texts/Supplements, Decision Sciences Institute Meeting, San Antonio, TX.
- 2006 Risky Business: A Second Statistics Course at Business Schools (Invited Talk), Joint Statistical Meetings, Seattle, WA.
- 2005 Making the Case: Why use Writing and Case Studies? (Invited Talk), Beyond the Formula Conference, Rochester, NY.
- 2005 Assessment, Attitudes and ARTIST (Invited Talk), Beyond the Formula Conference, NY.
- 2005 Women's Business Centers: Strategies to Educate Low-Income Entrepreneurs (with Godwyn and Langowitz), The Society for the Study of Social Problems, 55th Annual Meeting, Philadelphia, PA.
- 2005 Women's Business Centers as Drivers of Nascent Entrepreneurship (with M. Godwyn and N. Langowitz), International Council for Small Business Conference.
- 2004 Using Writing to Assess and Improve Student Learning (Invited Talk), ARTIST (Assessment Resource Tools for Improving Statistical Thinking) Workshop, Appleton, WI.
- 2004 Ranking Issues: Adjustment for Population (with I.E. Allen), Annual Meeting of the Decision Sciences Institute, Boston, MA.
- 2003 Should Data Mining be in the MBA Curriculum (Invited Talk), Annual Meeting of the Decision Sciences Institute, Washington, DC.
- 2003 Data Mining in the MBA Curriculum (Invited Talk), Joint Statistical Meetings, San Francisco, CA.

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- 1999 Identification of Synergy Among Marketing Mix Variables (with A. Ali), Institute for Operations Research and the Management Sciences Annual Meeting (INFORMS), Philadelphia, PA.
- 1999 Women Faculty and Women Undergraduates in Mathematics: Recent Trends (Invited Talk, with G. Sonnert), Murray Research Center, Harvard University, Cambridge, MA.
- 1999 Using Technology in Innovative Approaches to Teaching Statistics (with J.D. McKenzie, R.L. Peck and M.K. Pelosi) International Meeting of Decision Sciences Institute, Athens, Greece.
- 1997 Assignments and Assessment (Invited Talk), BCASA Conference on Assessment in Statistics Courses, Simmons College, Boston, MA.
- 1996 Mapping the Terrain: The History and Current Status of Women in Science (Invited Session, Organizer and Chair), Women & Science & Technology Conference, Saskatoon, Canada.
- 1994 Who is Producing Today's Women Scientists? Symposium entitled "Studies in Success: Applying Effective Models to Educating Women and Girls," South Hadley, MA.

PROFESSIONAL ACTIVITIES

- 2019 – 2024 Member of AACSB Accreditation Dean's Peer Review Team (PRT) to visit and review accreditation for multiple business schools.
- 2019 – 2024 Partnered with executives at Deloitte to launch virtual symposium on *Risk Management in Higher Education* for Deans, Provosts, and Chief Risk Officers.
- 2017 – 2024 Elected member of the Women's Forum of New York – leading organization for C Suite women in the U.S. (<https://www.womensforumny.org/>).
- 2006 – 2013 Associate Editor for Cases in Business, Industry, and Government Statistics
- 2000 – 2013 Reviewer for Journal of Statistics Education
- 2006 – 2009 Member of Executive Committee, Section on Statistical Education, ASA
- 2006 – 2009 Member of Finance Committee and Associate Editor for CAUSE (Consortium for the Advancement of Undergraduate Statistics Education)
- 2000 – 2009 Reviewer for The American Statistician
- 2006 – 2007 Participant in Management Institute for Women in Higher Education Administration (HERS), Wellesley College, MA.
- 2006 Participant in American Council on Education (ACE) Office of Women in Higher Education New England Leadership Forum for Women Administrators
- 2006 Chairman of Board, Massachusetts Girls Collaborative (MaGiC) STEM Project
- 1997 – 2005 Reviewer for Journal of Women and Minorities in Science and Engineering
- 2002 Judge in national Case Competition for INFORMS
- 1998 Awarded the Mary Lyon Alumni Award, Mount Holyoke College

ARTICLES/REPORTS (Editor-Reviewed, after 1994)

- 2022 ERM Informs Post-Pandemic Path in Higher Education (w/C Vitters, J. Braunsdorf, and P Walker), Deloitte Risk & Compliance Journal, Wall Street Journal, March 15. (online)
- 2019 Risk Gets Schooled: Value of ERM (w/ C. Rugeri and P. Walker), Deloitte Risk & Compliance Journal, Wall Street Journal, August. (online)
- 2018 Educating the First Generation (w/K. Hutchinson), BizEd, AACSB, June 29.
- 2017 Private Colleges Play a Key Role in Diversifying America's Workforce, The Hill, July 22.
- 2014 Seminars for Leaders, BizEd, AACSB, May/June.
- 2011 Staying Focused on Student Learning, BizEd, AACSB, Sept/Oct.
- 2011 Leading Substantial Change on Campus on a Budget, Women in Higher Education, 20(11).
- 2008 Business Students Should Learn More About Science (w/S.Laprise & C.Winrich), Chronicle of Higher Education, May 16.
- 2006 Why Build(up) an Undergraduate Statistics Program? In the NSF Report: A Case for Building(up) an Undergraduate Statistics Program (w/ G. Cobb, J. Legler, and J. Spurrier).
- 2005 The Impact and Influence of Women's Business Centers in the United States (w/ M. Godwyn and N. Langowitz), report for Association of Women's Business Centers.
- 2004 Business Curricula Should Integrate Liberal Arts and Vocational Skills (w/ G. Prichett), Chronicle of Higher Education, April 2.
- 2004 The New Mothers of Invention, Business Week online, September 15.
- 2004 Where are the Women Professors? AWM Newsletter, Vol. 34 (5), 13-16, Sept/Oct.
- 2004 Undecided Voters Fog Forecast, Albuquerque Journal, Albuquerque, NM, Jan 21.
- 2004 Undecided Voters in Iowa Bypass Polls When it Counts, Pantagraph, Bloomington, IL, Jan 21.
- 2003 Boston's Healthiest Towns (w/ M. Blanding and I.E. Allen), Boston Magazine, April.
- 2002 Broad Range of Skills Key to Crack Tight Job Market (w/ G. Prichett), The Boston Globe, May 19.
- 2001 Invited Book Review of Women Becoming Mathematicians: Creating a Professional Identity in Post-World War II America by M. Murray, Journal of Women and Minorities in Science and Engineering, Vol. 7(1); reprinted in AWM Newsletter, Vol. 31(3), May/June.
- 1997 Determinants of Retail Equity: Effects of Consumer Traits on Choice of Store Type (w/ C. Fiske, K. Seiders, and D. Tiger), technical report.
- 1995 Sisters Spell Success in Science, Mount Holyoke Alumnae Quarterly, Winter.

BOOKS/ BOOK CHAPTERS

- 2022 *Enterprise Risk Management in Business Education* (w/ P Walker and N Hubbard), In The Future of Business Schools, Ed. by Rico Baldegger, Edward Elgar Publishing.
- 2019 Business Statistics, 4th Ed (with R. De Veaux and P. Velleman), NY: Pearson Education, Inc.
- 2015 *Entrepreneurship and Innovation in the Middle East: Current Challenges and Recommended Policies* (with C. M. Schroeder), In Innovation in Emerging Markets, NY: Macmillan Press Ltd.
- 2015 Business Statistics, 3rd Ed (with R. De Veaux and P. Velleman), NY: Pearson Education, Inc.
- 2012 Business Statistics, 2nd Ed (with R. De Veaux and P. Velleman), NY: Pearson Education, Inc.
- 2011 Business Statistics: A First Course (with De Veaux and Velleman), NY: Pearson Education, Inc.
- 2009 Business Statistics (with De Veaux and Velleman), NY: Pearson Education, Inc.
- 2005 Living with the Dutch: An American Family in The Hague, Amsterdam: KIT Publishers.
- 2000 A Casebook for Business Statistics: Laboratories for Decision Making, (with Ali and Potter), NY: John Wiley & Sons, Inc.

JOURNAL PUBLICATIONS (Peer-reviewed)

- 2009 A Marketing model using enhancement variables (with A. Ali), Case Studies in Business, Industry, and Government Statistics, Vol 3 (1).
- 2009 Developing a collaborative assessment framework (with D. Chase, D. Hanno, and R. Reiser), Assessment Update, Vol 21.
- 2007 Forecasting police calls during peak times for the city of Cleveland (with J. Holcomb), Case Studies in Business, Industry, and Government Statistics, Vol 1 (1), 47 – 53.
- 2006 Women's business centers in the United States: Effective entrepreneurship training and policy implementation (with N. Langowitz and M. Godwyn), Journal of Small Business & Entrepreneurship, Vol 19 (2), 167 – 182.
- 2006 Calls for 911 service: Collaboration between Cleveland State University and the Cleveland City Police Department (with J. Holcomb), International Conference on Teaching Statistics Proceedings, Salvador, Brazil.
- 2005 Demonstration of ranking issues for students: A case study (with I.E. Allen), Journal of Statistics Education, Vol. 13(3).
- 1999 Women mathematics faculty: Recent trends in academic rank and institutional representation (with G. Sonnert), Journal of Women and Minorities in Science and Engineering, Vol. 5, pp. 207-217. (Reprinted in AWM Newsletter, Vol. 31(1), 2001)
- 1999 Proportions of women faculty and students in the mathematical sciences (with G. Sonnert), Journal of Women and Minorities in Science and Engineering, Vol. 5, 17-27.

- 1999 What does it mean to be number one? Are the best institutions in undergraduate teaching really different? (with A.A. Bayer), College Teaching, Vol. 47 (1), 29–32.
- 1998 Implementation issues of curriculum innovations at Babson College: Integrating across disciplines (with N. Balaguer and C. Fiske), Proceedings of DSI.
- 1998 The BCASA conference on technology in statistics education (with R. Goldman, J. McKenzie, A. Sevin and R. Weinstein), Proceedings of the Joint Statistical Meeting.
- 1998 The role of qualitative knowledge in the formulation of compartmental models (with D.L. Kaiser and K.P. White, Jr.), IEEE Transactions on Systems, Man, and Cybernetics, 28C (2), 272-275.
- 1997 Calculus techniques needed for probability and statistics courses (with P. Hayslett and R. Roberts), FOCUS, 17 (3), 1-7.
- 1997 The relationship among sums of squares, correlation coefficients, and suppression (with R. Roberts), The American Statistician, 51 (1), 46-48.
- 1995 Baccalaureate origins of women physical science doctorates: Relationship to institutional gender and science discipline (with C. Fuller), Journal of Women and Minorities in Science and Engineering, 2, 1-15.
- 1991 Writing as a component of statistics education, The American Statistician, 45(4), 292-293.
- 1991 Time series patterns of TB prevalence (with R. H. Lock), Proceedings of the Joint Statistical Meeting.
- 1991 Arteriovenous ratios of AII during acute infusion experiments: A model based analysis (with K.P. White, Jr.), Journal of Biomedical Engineering, 13(1), 43-50.
- 1990 Weight cycling, and fat distribution (with M.R.C. Greenwood, M. Rebuffe-Scrive, and J. Rodin). International Journal of Obesity, 14(4), 303-310.
- 1990 Fat distribution as a risk factor for weight and eating concerns (with J. Rodin and D. Whitney- Saltiel), International Journal of Eating Disorders, 9(1), 27-36.
- 1989 A dynamic model of angiotensin II infusion experiments (with D.K. Kaiser, G.K. Owens and K.P. White, Jr.), Journal of Biomedical Engineering, 11, 63-71.
- 1988 Nonlinear dose-response model of plasma angiotensin concentration and blood pressure regulation (with D.L. Kaiser, G. K. Owens, and K.P. White, Jr.), Proceedings of Symposium on Frontiers in Cardiopulmonary Mechanics, University of Virginia, 1988.
- 1986 Maturation of pulmonary input impedance spectrum in infants and children with ventricular septal defect (with G.W. Henry, B.A. Keagy, C. Lucas and B.R. Wilcox), American Journal of Cardiology, 57, 821-827.
- 1985 Infant pulmonary vascular model based on the pulmonary input impedance spectrum (with B. Keagy, C. Lucas and B.R. Wilcox). Annals of Biomedical Engineering, 13, 531-550.