

Undergraduate Courses Taught, University of South Carolina

- MGSC 394 Data Analytics for Business
(Traditional, Hybrid, and Distributed Education Deliveries)
- MGSC 291 Statistics for Business and Economics
- STAT 201 Elementary Statistics
(Traditional and Hybrid Deliveries)
- STAT 515 Statistical Methods I
(SC Honors College section)
- STAT 112 Statistics and the Media
(Traditional and Distributed Education Deliveries)
- STAT 110 Introduction to Statistical Reasoning

Course Creation and Development, University of South Carolina

- MGSC 394 Redesigned MGSC 394 for Distributed Education Delivery (2018-2019)
- STAT 112 Redesigned STAT 112 for Distributed Education Delivery (2018)
- STAT 201 Redesigned STAT 201 for Distributed Education Delivery (2013)
- STAT 112 Created a new course, STAT 112 *Statistics and the Media*, a Carolina Core overlay course for Analytical Reasoning and Problem Solving (ARP) and Information Literacy (INF) (2012)
- STAT 201 Redesigned STAT 201 for the Carolina Core, Analytical Reasoning and Problem-Solving component (2012)

University Service, University of South Carolina

- 2019-present University Faculty Senator
- 2020-2021 Faculty Senate Ad-hoc Committee on Unit Level Governance
- 2019-present Faculty Senate Ad-hoc Committee on Attendance
- 2014-2018 Founder and leader/facilitator of the Center for Teaching Excellence University Community of Practice for Coordinators of Large Undergraduate Courses

2017- 2018 Provost Committee for Distributed Learning
2016-2018 University Pedagogy Grant Review Committee
2013-2016 Carolina Core Specialty and Assessment team for Information Literacy
2008-2009 Carolina Master Scholars Program

Service, Darla Moore School of Business and Department of Management Science

2019- present Coordinator, MGSC 394, Data Analytics for Business
2021-present Member, Professional Track Faculty Committee (College-wide Committee)
2020 Chair, Professional Track Faculty Committee (College-wide Committee)
2019 Member on 2 Clinical Faculty Search Committees (Department-wide committees)

Service, College of Arts and Sciences and Department of Statistics

2013-2018 Assistant Chair, Department of Statistics
2018 Chair, Instructor Search Committee (Department-wide)
2005-2018 Teaching Review Committee (Department-wide)
2005-2016 STAT 201 Coordinator, supervising over 25 graduate teaching assistants per semester
2016-2017 College of Arts and Sciences Committee for Professional Track Faculty (College-wide committee)

Service to Students

2016-2020 Associate and Advisory Committee member, Preston Residential College
2019-2020 Senior Honors Thesis Director, Samantha Shuford, *A Comparative Analysis Of Methodologies for Determining Home Advantage in the National Basketball Association*
2020-2021 Senior Honors Thesis Second Reader, Darron Burton, *The Corridor of Shame: An Immersed Analysis of South Carolina Schools*

Teaching Awards and Honors

Faculty Fellow, UofSC Center for Teaching Excellence, Large Undergraduate Courses, 2014-2018

College of Arts and Sciences Undergraduate Teaching Award for Professional Track faculty, 2017 (College-level award)

Nominee for USC Garnet Apple university wide teaching award, 2016

Two Thumbs Up Faculty Award, Student Disability Services, 2008, 2010, 2014

USC Guest Coach, Student Athlete Academic Services, 2009 and 2010, 2012, 2013, 2014, 2017

Teaching Grants

College of Arts and Sciences Instructor Professional Development Award 2012

PMBA grant for development of MGSC 790 course content (2020)

PMBA grant for development of MGSC 777 course content (2020)

Conference Presentations

Petkewich, Maureen (2020, February). *A Rubric for Data Visualization Projects*. Decision Sciences Institute Southeastern Conference, Charleston, SC

Petkewich, Maureen (2019, March). *Teaching Data Visualization with Power BI*. International Conference on Technology in Collegiate Mathematics, Scottsdale, AZ

Petkewich, Maureen and Ward-Besser, Gail (2018, March). *Statistics and the Media*. International Conference on Technology in Collegiate Mathematics, Washington, D.C.

Petkewich, Maureen (2018, March). *Update Your Online STATus*. International Conference on Technology in Collegiate Mathematics, Washington, D.C.

Petkewich, Maureen (2017, October). *Blending Information Literacy with Statistics in a Distributed Learning Design*. Oktoberbest, University of South Carolina, Columbia, SC

Petkewich, Maureen and Habing, Brian (2017, May). *Show me the Simulation (from scratch!): A Project to compare different methods for Calculating the Confidence Interval for a Population Proportion*. Poster session presentation at The United States Conference on Teaching Statistics, State College, PA.

Petkewich, Maureen (2017, March). *The Impact of Technology on the Training, Mentoring, and Utilization of Graduate Student Instructors*. International Conference on Technology in Collegiate Mathematics, Chicago, IL.

Hardee, M., Friend, C., Petkewich, M. (2015, July) *Using the Community of Practice Model to Encourage Experience- and Resource-Sharing Among Coordinators of Large Undergraduate Courses*. Poster session presentation the Conference on Teaching Large Courses, Virginia Tech, Blacksburg, VA.

Petkewich, Maureen (2015, May). *Making Connections between Lab, Lecture and Real Statistical Studies*. Poster session presentation at The United States Conference on Teaching Statistics, State College, PA.

Petkewich, Maureen (2015, March). *Designing Elementary Statistics as a Distributed Learning Course with a Laboratory Component*. International Conference on Technology in Collegiate Mathematics, Las Vegas, NV.

Petkewich, Maureen, March 2014. *Using StatCrunch to bring Textbook Examples to Life*. International Conference on Technology in Collegiate Mathematics, San Antonio, TX.

Petkewich, Maureen, July 2009. *Using StatCrunch to Enhance your Statistics Course*. International Conference on Technology in Collegiate Mathematics Summer Camp, WebEx.

Petkewich, Maureen, May 2009. *Using StatCrunch to Enhance your Statistics Course*. 3rd Annual Ohio Math Technology Conference, Newark, OH.

Petkewich, Maureen, November 2008. *Making the Grade – Measuring Student Success*. Pearson Education Online series, WebEx

Petkewich, Maureen, April 2003. *Multiple Comparisons for Additional Risk with Non-Quantal Data*. Student paper presentation at the 33rd Annual SCASA Meeting, April 2003.

Publications

Petkewich, Maureen and Edwards, Don (2013). *Statistics: Play-By-Play, Laboratory Experiments for Elementary Statistics*, 1st Edition, Kendall Hunt.

Petkewich, Maureen, Flanagan-Hyde, Peter, Morse, Jack, Priestly, Jennifer Lewis, Kowalski, Michael, and Hydorn, Debra (2009). *Technology Manual for Statistics: The Art and Science of Learning from Data*, 2nd Edition, Prentice Hall.

Wu, Y., Piegorsch, W.W., West, R.W., Tang, D., Petkewich, M.O. and Pan, W. (2006) “Multiplicity-adjusted inferences in risk assessment: Benchmark analysis with continuous response data,” *Environmental and Ecological Statistics* 13:125-141.

Professional Associations, Memberships and Certifications

2019-present	Member, Decision Sciences Institute (DSI)
2017-present	Member, Power BI Users Group Charleston, SC
2014-present	Member, American Statistical Association

1994-present	South Carolina Teaching Certificate, Secondary Mathematics
2008-2012	Reader, AP Statistics, College Board
2011-present	Member, Golden Key International Honor Society
2002-2003	Member, Mu Sigma Rho, Statistics Honor Society

Industry Eperience

2001-2003 Statistician, Palmetto GBA, Columbia, SC

Statistical analysis of Medicare claims data to support anti-fraud efforts