

## Andrew Ortaglia

---

Columbia, SC  
Ortaglia@Mailbox.sc.edu

**RESEARCH INTERESTS** Conditional quantile estimation, survival analysis, health aspects of physical activity.

**EDUCATION** *Doctor of Philosophy*, Biostatistics Jan 2012  
University of South Carolina  
Columbia, SC

*Master of Science in Public Health*, Biostatistics July 2011  
University of South Carolina  
Columbia, SC

*Bachelor of Science*, Mathematics/Physics (Cum Laude) May 1999  
S.U.N.Y. College at Fredonia  
Fredonia, NY

*Bachelor of Science*, Accounting May 1994  
S.U.N.Y. College at Fredonia  
Fredonia, NY

**WORK EXPERIENCE** *Clinical Assistant Professor of Biostatistics* Jan 2012-Present  
University of South Carolina, Columbia, SC

- Teach graduate courses in biostatistics for the Arnold School of Public Health (ASPH).
- Conduct independent research in biostatistics.
- Provide research consultation and support to ASPH faculty and students.

*Statistician* Mar 2009-Aug 2009  
South Carolina Department of Commerce, Columbia, SC

- Design and conduct a survival analysis examining time until return to unemployment benefits.

**PUBLICATIONS** Wirth M, Shivappa N, Davis L, Hurley T, Ortaglia A, Drayton R, Blair S, Hebert J. Abstract A69: The dietary inflammatory index is associated with inflammatory biomarkers among a population of African Americans from South Carolina. *Cancer Epidemiology Biomarkers and Prevention*; 2016.

McDonald SM, Ortaglia A, Bottai M, Supino C. Differential association of cardiorespiratory fitness and central adiposity among US adolescents and adults: A quantile regression approach. *Preventive medicine*; 2016.

Liu J, Park YMM, Berkowitz SA, Hu Q, Han K, Ortaglia A, McKeown RE and Liese AD. Gender differences in the association between food insecurity and insulin resistance among US adults: National Health and Nutrition Examination Survey, 2005-2010. *Annals of epidemiology*; 2015, 25(9), 643-648.

Sharpe PA, Wilcox S, Schoffman DE, Hutto B and Ortaglia A. Association of complementary and alternative medicine use with symptoms and physical functional performance among adults with arthritis. *Disability and health journal*; 2015.

Dwyer T, Pezic A, Su, C, Cochrane J, Venn A, Srikanth V, Jones G, Shook R, Sui X, Ortaglia A, Blair SN and Ponsonby AL. Objectively Measured Daily Steps and Subsequent Long Term All-Cause Mortality: The Tasped Prospective Cohort Study. *PloS one*; 2015,10(11), e0141274.

Bornstein DB, Pate RP, Beets MW, Ortaglia A, Saunders RP and Blair SN. New Perspective on Factors Related to Coalition Success. Novel Findings From an Investigation of Physical Activity Coalitions Across the United States. *Journal of Public Health Management and Practice*; 2015.

Hock RM., Kinsman A, and Ortaglia A. Examining Treatment Adherence Among Parents of children with Autism Spectrum *Journal of Developmental and Behavioral Pediatrics*; 2014.

Nahhas GJ, Daguise V, Ortaglia A and Merchant AT. Determinants of Major Cardiovascular Risk Factors Among Participants of the South Carolina WISEWOMAN Program, 2009-2012. *Prev Chronic Dis.*; 2014,45(4):722-727.

Holbrook JR, Cuffe SP, Cai B, Visser SN, Forthofer MS, Bottai M, Ortaglia A, and McKeown RE. Persistence of ADHD Symptoms and Functional Impairment from Childhood to Adolescence. *Journal of Attention Disorders*; 2014 July 3

Trilk JL, Ortaglia A, Blair SN, Bottai M, Church TS, and Pate RR. Cardiorespiratory Fitness, Waist Circumference, and Alanine Aminotransferase in Youth. *Med Sci Sports Exercise.*; 2013, 45(4):722-727.

Liu J, Kim J, Colabianchi N, Ortaglia A, and Pate RR. Co-varying Patterns of Physical Activity and Sedentary Behaviors and Their Long-Term Maintenance Among Adolescents. *Journal of Physical Activity and Health*; 2010, 7, 465-474.

Ortaglia A, Geraci M and Bottai M. Simple Lack-of-Fit-Tests for Conditional Quantile Estimation. *Statistics in Medicine*; Submitted January 2015.

Ortaglia A, and Bottai M. Power and Sample Size for Quantile Regression. In progress.

## TEACHING

University of South Carolina  
Fall 2015

- Instructor: Concepts and Methods of Biostatistics (BIOS 701)
- Instructor: Discrete Data Analysis (BIOS 754)

Spring 2015

- Instructor: Introduction to Biostatistics (BIOS 700)
- Instructor: Vital Record and Health Survey Data Analysis (BIOS 752)

Fall 2014

- Instructor: Introduction to Biostatistics (BIOS 700)
- Instructor: Discrete Data Analysis (BIOS 754)

Spring 2014

- Instructor: Introduction to Biostatistics (BIOS 700)
- Instructor: Intermediate Biometrics (BIOS 757J)
- Instructor: Independent Study (BIOS 790)

Fall 2013

- Instructor: Introduction to Biostatistics (BIOS 700)
- Instructor: Discrete Data Analysis (BIOS 754)

Spring 2013

- Instructor: Introduction to Biostatistics (BIOS 700)
- Instructor: Vital Record and Health Survey Data Analysis (BIOS 752)
- Co-Instructor: Physical Activity and Public Health (EXSC 882)

Fall 2012

- Instructor: Introduction to Biostatistics (BIOS 700)
- Instructor: Discrete Data Analysis (BIOS 754)

Spring 2012

- Instructor: Introduction to Biostatistics (BIOS 700)

**MILITARY  
SERVICE**

*Naval Officer*

Served 7 years on active duty

- Navy Commendation Medal
- Gold Star in lieu of second award (Navy Commendation Medal)
- Global War on Terrorism Medal
- National Defense Service Medal
- Master Training Specialist

**Citizenship**

United States

**COMPUTER  
SKILLS**

R, SAS, Stata

**REFERENCES**

Available upon request