Robert Parker

Clinical Assistant Professor

Department of Biostatistics
P.O. Box 117450
2004 Mowry Road, 5th Floor CTRB
Gainesville, FL
☎ *+1 (352) 294 5906*
✉ *rlp176@ufl.edu*
Office: CTRB 5219

Professional Experience

June 2017–Present	**Clinical Assistant Professor**, *Univerity of Florida, Department of Biostatistics*.
2013–2016	**Adjunct Professor**, *Sante Fe College, Department of Mathematics*.
2012-2017	**Graduate Teaching Assitant**, *University of Florida, Department of Statistics*.
2010-2012	**Graduate Teaching Assistant**, *Mississippi State University, Department of Mathematical Sciences*.

Education

2012–2017	**PhD, Statistics**, *University of Florida*. Dissertation - *Some Strong and Weak Limit Theorems for Double Sums of Random Elements in Banach Spaces*
2010–2012	**MS, Mathematics**, *Mississippi State University*.
2005–2009	**BS, Mathematics**, *Millsaps College*.

Research Interests

Probability theory

Asymptotic theory; Limit theorems for Banach space valued random elements

Statistical methods for manifold valued data; Shape analysis

Convergence analysis of Markov chain Monte Carlo

Bayesian methods

Publications

Accepted

R. Parker and A. Rosalsky, On complete convergence in mean for double sums of independent random elements in Banach spaces. *Lobachevskii J. Math.* (Russian Academy of Sciences), **38**, 177-191 (2017).

R. Parker and A. Rosalsky, Strong laws of large numbers for double sums of Banach space valued random elements. *Acta Mathematica Sinica, English Series*, **35**, 583-596 (2019).

R. Parker and A. Rosalsky, On almost certain convergence of double series of random elements and the rate of convergence of tail series. *Stochastics*, 1-27 (2020).

In Preparation

R. Parker and A. Rosalsky, On the weak law of large numbers for double sums in Rademacher type p Banach spaces.

Presentations

Invited

2017   **Mississippi State University**, *Strong laws of large numbers for double sums of Banach space valued random elements.*.

Teaching

University of Florida, Department of Biostatistics

PHC 6053	Regression Methods in the Health Sciences - Spring 2020
PHC 6063	Biostat Consulting (Campus/Online) - Spring 2019
STA 6177	Applied Survival Analysis (Campus/Online)- Fall 2018
PHC 6937	Survey of Advanced Biostatistical Methods - Spring 2018, Summer 2018, 2019
PHC 6937	Frontiers in Biostatistics (Campus/Online) - Spring 2018, 2019, 2020
PHC 6050	Statistical Methods in Health Sciences I (Campus/Online) - Fall 2017, 2018, 2019, 2020, Spring 2018
PHC 6052	Introduction to Biostatistical Methods (Campus/Online) - Fall 2017
PHC 6089	Public Health Computing - Fall 2017, 2018, 2019, 2020

University of Florida, Department of Statistics

STA2023	Introduction to Statistics I - Summer 2013, Summer 2014, Summer 2015, Summer 2016
STA2023LD	Introduction to Statistics I - Fall 2013, Fall 2015, Fall 2016

Sante Fe College

STA2023	Introduction to Statistics I - Summer 2014, Summer 2015
MAC1105	College Algebra - Summer 2013, Summer 2014
MAC1114	Trigonometry - Summer 2014
MAC2311	Calculus I - Summer 2015
MAC2312	Calculus II - Summer 2016

Professional Service

2018	**Member**, UF Informatics/Analytics Task Force
2019-present	**MPH Coordinator** for Biostatistics Concentration
2020-present	**Referee** for Communications in Statistics - Theory and Methods

Awards

2017	**Statistics Faculty Award**, *University of Florida*.
	Awarded to "the best graduating PhD student" in the Department of Statistics.
2012	**William Mendenhall Award**, *University of Florida*.
	Awarded to best first year Masters/PhD student in the Department of Statistics.
2012-2015	**Grinter Fellow**, *University of Florida*.
	Research and graduate program fellowship.
2012	**Faculty Award**, *Mississippi State University*.
	Awarded to top graduating Masters student in mathematics.

Technical Skills

Languages and Software — R, SAS, C++, Java, Python, LaTeX, SQL, HTML, CSS, Javascript