Antonio Linero

PhD Candidate in Statistics

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Education

2005–2009 **BS, Finance**, *University of Florida.*
Minor—Statistics

2010–2015 **PhD, Statistics**, *University of Florida.*
Dissertation — *Nonparametric Bayes: Inference Under Nonignorable Missingness and Model Selection*

Awards

Spring 2015 **CLAS Dissertation Fellowship**, *University of Florida.*
Funding for writing of PhD dissertation.

2014 **Statistics Faculty Award**, *University of Florida.*
Awarded to "the best graduating PhD student" in the Department of Statistics.

2014 **Laplace Award**, awarded by the International Society for Bayesian Analysis and the Section of Bayesian Statistical Science of the American Statistical Association.
For best Bayesian student paper.

2014 **Student Travel Award**, awarded by the Section of Bayesian Statistical Science.
To attend the Joint Statistical Meeting.

Fall 2010 – Spring 2011 **Mendenhall Fellow**, *University of Florida.*
Fellowship awarded to top incoming students.

Fall 2010 – Spring 2013 **Grinter Fellow**, *University of Florida.*
Research and graduate program fellowship.

Publications

Antonio R. Linero and Michael J. Daniels. A flexible Bayesian approach to monotone missing data in longitudinal studies with informative dropout with application to a schizophrenia clinical trial. *to appear in Journal of the American Statistical Association*, 2014.

Antonio R. Linero and Andrew Rosalsky. On the Toeplitz lemma, convergence in probability, and mean convergence. *Stochastic Analysis and Applications*, 2013.

Manuscripts in Preparation

Antonio R. Linero and Hani Doss. Empirical Bayes and model selection for hierarchical nonparametric priors. *In preparation.*

Presentations

Contributed

2014 **Joint Statistical Meeting**, *A Flexible Bayesian Approach to Monotone Missing Data in Longitudinal Studies with Informative Dropout with Application to a Schizophrenia Clinical Trial.*

Invited

1/12/2015 **Florida State University**, *Flexible Bayesian Analysis in the Presence of Nonignorable Missingness.*

1/20/2015 **Arizona State University**, *Flexible Bayesian Analysis in the Presence of Nonignorable Missingness.*

1/28/2015 **University of Illinois at Urbana-Champaign**, *Flexible Bayesian Analysis in the Presence of Nonignorable Missingness.*

2/09/2015 **Texas A&M University**, *Flexible Bayesian Analysis in the Presence of Nonignorable Missingness.*

2/11/2015 **University of California at Irvine**, *Flexible Bayesian Analysis in the Presence of Nonignorable Missingness.*

Service

2014 **ENAR Spring Meeting**, Chair of session "Innovative Bayesian Nonparametrics in Biostatistics".

Teaching

Fall 2011 – Spring 2015 **Teaching Assistant**, *University of Florida, Department of Statistics.*
Assisted instructors in administering the following courses: Theory of Interest, Life Contingencies, Linear Models, Categorical Data Analysis, Introduction to Statistics 1, Introduction to Statistics 2.

Spring 2013 **Instructor**, *University of Florida, Department of Statistics.*
Taught STA4321, Introduction to Probability

Technical Skills

Languages & Software R, BUGS/JAGS/STAN, C++, Python, LaTeX, Matlab/Octave, Julia, Linux/Windows/OSX

Packages DPMiss, an R package for the analysis of nonignorable missing data. *Currently in development.*

Research Interests

Applications of Bayesian methods to problems in Biostatistics and machine learning.

Inference in longitudinal studies with missing data and causal inference.

Bayesian nonparametrics and semiparametrics.

Computational issues associated with the above.

References

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