

- EDUCATION** *Ph.D.*, Statistics, UCLA June 2010
 Advisor: Professor Rick Paik Schoenberg.
 Research area: point processes.
- Bachelor of Science*, Mathematics, U. of Minnesota May 2006
 Summa Cum Laude, Physics Minor.
- EXPERIENCE** *Postdoctoral Fellow*, Biostatistics, Harvard University Summer 2010 - Present
 Advisors: Professors Christopher D Barr & Francesca Dominici.
 Research area: environmental statistics.
- Teaching Assistant* Fall 2007 - Spring 2008, Fall 2009, Spring 2010
 UCLA. Los Angeles, CA.
- AP Readiness Teacher* Fall 2009 - Spring 2010
 Hold monthly sessions for high school students preparing for the AP statistics exam.
- Statistician, Trainee* Summer 2007 / 2008
 US Environmental Protection Agency. Arlington, VA.
- Teaching Assistant* Fall 2003 - Spring 2006
 U. of MN Talented Youth Math Program. Minneapolis, MN.
- Program Assistant* Fall 2004 - Spring 2006
 U. of MN Center for Outdoor Adventure. Minneapolis, MN.
- Grader* Fall 2005
 U. of MN Math Department. Minneapolis, MN.
- BOOK** Diez DM, Barr CD, and Çetinkaya M. *OpenIntro: Statistics (Preliminary Edition)*.
 Released through Open Intro (openintro.org), a project to produce an open source
 introductory statistics text.
- PAPERS** Nairn-Birch N, Diez DM, Eslami E, Macias Fauria M, Johnson E, and Schoenberg FP.
Simulation and Estimation of Probabilities of Phases of the Pacific Decadal Oscillation.
 Environmetrics. In press.
- Mateu J, Schoenberg FP, and Diez DM. *On distances between point patterns and their
 applications*. In revision.
- Diez DM, Schoenberg FP, and Woody CD. *Analysis of neuronal responses to stimuli
 in cats using point process prototypes*. In review.
- Nichols K, Schoenberg FP, Keeley J, and Diez DM. *The application of prototype point
 processes for the summary and description of California wildfires*. In review.
- Diez DM and Villanueva P. *Decomposition Techniques in the Application of Pesticide
 Exposure*. In progress.

Diez DM. *ppDistances: An R Package for Point Pattern Distances and Their Applications*. In progress.

Diez DM and Barr CD. *An open-source approach to statistics education*. In progress.

R PACKAGES

ppMeasures. Co-authors: Tranbarger KE and Schoenberg FP. Package reflecting dissertation work in point pattern distances and prototypes. May 2010.

openintro. Co-author: Barr CD and Çetinkaya M. Open Intro book supplement. December 2009, updated June 2010.

stockPortfolio. Co-author: Christou N. A package for stock portfolio modeling and management. October 2009, updated April 2010.

TALKS

UCLA April 2010
Stock modeling through the `stockPortfolio` R package

North Carolina State University March 2010
Two topics: Methods for the analysis and description of collections of point patterns, and an open source statistics textbook project

Harvard University February 2010
Extending spike-time distance and point pattern prototype methods with an application to neuronal responses in conditioned cats

Duke University February 2010
Reflections on undergraduate education in statistics

Joint Statistical Meeting August 2009
Decomposition Techniques in the Application of Pesticide Exposure

UCLA April 2009
What Features Would an R Package for Introductory Statistics Possess?

ACTIVITIES

UCLA SCC Consultant Winter 2009 - Fall 2009
Departmental consulting center participant with primary focus on teaching mini-courses.

Math and Physical Sciences Council Secretary Fall 2007 - Spring 2009
This council falls under the Graduate Student Association at UCLA.

Statistical Graduate Student Association President Fall 2006 - Spring 2008
SGSA is the student organization for graduate students in the UCLA Statistics dept.

LANGUAGES & SOFTWARE

R, S-plus. (*Advanced.*)

C/C++, Fathom, HTML, PHP, SQL, MS Excel. (*Intermediate.*)

SAS, MATLAB, Unix, Python, Javascript. (*Beginning.*)

CITIZENSHIP

USA.