Cody J. Carroll

PhD Candidate in Statistics

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Education

PhD in Statistics
University of California, Davis
- Advisor: Dr. Hans-Georg Müller
- Research Interests: Functional Data Analysis, Functional Registration and Warping, Growth Curve Modeling

Davis, California
Sept. 2015 - PRESENT

MS in Statistics
University of California, Davis

Davis, California
Sept. 2015 - May 2017

BS in Mathematics
University of Texas at Austin

Austin, Texas
Aug. 2011 - May 2014

Experience

University of California, Davis
Graduate Student Researcher & Teaching Assistant
- TA and Instructor for undergraduate and graduate statistics courses
- Maintainer of R package `fdapace`
- Mentored 8 undergraduate students' research projects in functional data analysis

Davis, California
Sept. 2015 - PRESENT

Nishinomiya Imazu High School
English Teacher
- Designed and implemented curriculum for 5 different classes, emphasizing conversation and cross-cultural exchange
- Led an English language club rooted in global awareness and understanding current events
- Organized a 100-student pen pal program with a middle school in Texas

Nishinomiya, Japan
Aug. 2014 - Aug. 2015

Rudd and Wisdom Inc.
Benefit Analyst Intern
- Performed retirement benefit calculations with Excel macros

Austin, Texas
Oct. 2012 - Jan. 2014

University of Texas at Austin
Teaching Assistant
- TA for undergraduate Interest Theory course

Austin, Texas
Sept. 2012 - Dec. 2012

Research

Cross-Component Registration for Multivariate Functional Data With Application to Longitudinal Growth Curves
Carroll, C., Müller, H.-G., and Kneip, A.

Pre-Print
Nov. 2018

Revisiting effects of age and gender on success and death of mountaineers on Mount Everest
Huey, R., Salisbury, R., Wang, J.-L., and Carroll, C.

Pre-Print
2019

Teaching

STA 100	Applied Statistics for Biological Sciences (SS17)
STA 103	Applied Statistics for Business and Economics (Instructor, SS18)
STA 108	Applied Statistical Methods: Regression Analysis (F17)
STA 131A	Introduction to Probability Theory (S18)
STA 222	Machine Learning in Survival Analysis (F18)
STA 260	Statistical Consulting (W18, W19)

Computer Skills

Programming Languages	Proficiency in R, working knowledge of Python, SAS, SQL
Software and Tools	LATEX, Excel, Matlab

Awards & Achievements

2015 - 2018	NSF Research Training Grant Recipient	*UC Davis*
2015 - 2018	Graduate Scholars Fellowship	*UC Davis*
2016 - 2018	Summer Graduate Research Fellowship from Department of Statistics	*UC Davis*
2017	Teaching Recognition award for 2017-18 from the Department of Statistics	*UC Davis*

Presentations

RTG Symposium for Graduate Students   *Davis, CA*
An Introduction to Functional Data Analysis   *June 2018*

UC Davis Seminar Series   *Davis, CA*
Warping for Multivariate Functional Data with Application to Longitudinal Growth Curves   *Jan. 2018*

Other Skills

Languages	Japanese (Advanced), French (Intermediate), and Spanish (Elementary)
Misc.	Tennis player, saxophonist, wakeboarder, and black belt in karate