Jaime J. Ramos, Ph.D.
C.V.

CONTACT

- Mailing Address:
    School of Businesses
    University of North Texas at Dallas,
    7400 University Hills Blvd, FH 302
    Dallas, TX 75241

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    (972) 780-3668

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    www.linkedin.com/in/jaimejramos

EDUCATION

- Ph.D. Statistics, Rice University.   Fall 2014
    Doctoral dissertation, Robust Methods for Forecast Aggregation.
    Advisor: Dr. David W. Scott
    Committee: Dr. David Lane and Dr. James Thompson.

- M.A. Statistics, Rice University.   Fall 2012

- B.S. Applied Mathematics, University of Texas at El Paso.   Spring 2008
    Undergraduate Thesis, Rank Dependence.
    Advisor: Dr. Art Duval
    Committee: Dr. Emil D. Schwab and Dr. Keith Pannell

RELEVANT EXPERIENCE

TEACHING:

- University of North Texas at Dallas: 2022 - Present

    - **Assistant Professor of Business Statistics**

Course Name	Term(s) (Class number)	Enrollment	Notes
BCIS 1305: Business Computer Applications	Fall 23 (1845)	30	
DSCI 2305: Business Statistics I	Spring 24 (1240, 1925) Fall 23 (1299, 1322, and 1567) Spring 23 (1272) Fall 22 (1405, 1440, and 1964)	24 23, 25, and 31 respectively 19 24, 20, and 11 respectively	1925: Online 1567: Online 1964: Online

Course Name	Term(s) (Class number)	Enrollment	Notes
DSCI 3305: Business Statistics II	Spring 24 (1594) Fall 23 (1668) Spring 23 (1605)	13 9 13	Online
DSCI 3380: Fundamentals of Business Analytics	Spring 24 (1357)	12	
DSCI 3870: Management Sciences	Spring 24 (1318) Spring 23 (1377 and 1885) Fall 22 (1449)	27 27 and 22 29	

- Indiana University: 2016 - 2022

  - **Director of Business Statistics (Fall 2020 - Spring 2022)**
    This title has, among other duties and responsibilities, the coordination of resources allocated to the service class *Applied Statistical Methods for Business* for the Kelley School of Business by the department and the development of material and assessments to be used across our multiple sections. In a school year, for example Fall 2021- Spring 2022, we serve around 1,500 students (in 15 sections of 100 students each) while coordinating an average of 5 instructors and 9 TAs per semester.
    Brief Description of Key Accomplishments: Developing of a new online class (advertised as OI, online interactive, 100 % asynchronous with exams in-person for resident students) along with course material to support their learning experience (ie. lecture videos, video quizzes, canvas discussions, learning-engagement material to pace their study, etc.)

  - Lecturer (2017-2022)
  - Visiting Assistant Professor (2016-2017)

Course Name	Term(s) (Class number)	Enrollment	Notes
IU STAT-S 620: Introduction to Statistical Theory	Spring 20 (5097) Spring 19 (5398) Spring 18 (6632) Spring 17 (10175)	13 18 31 23	
IU STAT-S 420: Introduction to Statistical Theory	Spring 19 (5048)	15	

Course Name	Term(s) (Class number)	Enrollment	Notes
IU COLL-X 311 Experimental Topics	Winter Intersession 20	24	Putting Statistics to Data
IU STAT-S 303 : Statistics for life Sciences	Spring 18 (9404)	9	Statistics for Speech and Hearing Sciences
IU STAT-S 303 : Statistics for life Sciences	Fall 19 (8679) Fall 17 (9680) Fall 16	51 58 18	
IU STAT-S 301 : Business Statistics	Spring 22 (6063 and 6298) Fall 21 (22432, 16831, and 16830) Summer 21(5999, 6476) Spring 21 (7367) Fall 20 (6001, 9720, and 32258) Summer 20 (6499) Spring 20 (7972 and 9352) Fall 19 (10505) Spring 19 (8568) Fall 18 (10064 and 10065) Summer 18 (6725) Spring 18 (12384) Fall 17 (35658) Summer 17 (7077) Spring 17 (11595 and 14698) Fall 16 (13484)	99 (6063) and 99 (6298) 100 (22432), 118 (16831) and 34 (16830) 56 (5999) and 56 (6476) 100 100 (6001), 100 (9720), and 96 (32258) 59 100 (7972) and 69 (9352) 98 100 99 (10064) and 99 (10065) 24 100 98 20 99 (11595) and 92 (14698) 98	Spring 22: Online Interactive with complementary in-person meetings Fall 21: One class on each modality: in-person, online asynchronous, and hybrid distant. Spring 20 (second half of semester)- Summer 21: Hybrid distant
IU STAT-S 100 : Statistical Literacy	Fall 17 (6775)	22	

- The Ohio State University.   2014 - 2016
    - Visiting Assistant Professor

Course Name	Term(s) (Class number)	Enrollment	Special Topic
OSU STAT 6201 : Mathematical Statistics	Fall 14 (25095)	31	

Course Name	Term(s) (Class number)	Enrollment	Special Topic
OSU STAT 6193 : Individual Studies in Foundational Graduate Topics in Statistics	Spring 15 (24469)	1	Beta distribution, approximations and applications
OSU STAT 5302 : Intermediate Data Analysis II	Spring 15 (24372 / 24373)	27	
OSU STAT 5301 : Intermediate Data Analysis I	Spring 16 (34239 / 43240)	57	
OSU STAT 3470 : Introduction to Probability and Statistics for Engineers	Spring 16 (24177 and 24300) Fall 15 (21098 and 25342) Spring 15 (24362 and 24489) Fall 14 (25935)	158 (24177) and 72 (24300) 217 (21098) and 59 (25342) 153 (24362) and 82 (24489) 204	

- Teaching Assistant, RStudio Workshop at   February 17-20, 2014
  The Canadian Department of Agriculture.
      Instructor: Dr. Garrett Grolemund
      T.A. : Jaime Ramos
      Topics: Introduction to R

- Rice University Summer Institute of Statistics, RUSIS.   Summer 2010
      Instructor: Dr. Javier Rojo
      T.A. : Jaime Ramos
      Topics: Intro. to Mathematical Statistics and Probability,
          Computational Statistics using R and Mathematica, and LaTeX.

- Rice University Summer Institute of Statistics, RUSIS 2009.   Summer 2009
      Instructor: Dr. Javier Rojo
      T.A. : David Kahle and Jaime Ramos
      Topics: Intro. to Mathematical Statistics and Probability,
          Computational Statistics using R and Mathematica, and LaTeX.

- Teaching Assistant at Rice University.   2008 - 2010
      Course: STAT 541 - Multivariate Data Analysis
          Instructor: Dr. David W. Scott

      Course: STAT 331 - Applied Probability
          Instructor: Dr. Javier Rojo

Course: STAT 410 - Introduction to Regression and Statistical Computing
Instructor: Dr. Kamal Hamidieh

Course: STAT 280 - Elementary Applied Statistics
Instructor: Dr. Loren Raun

- <u>Supplemental Instructor, University of Texas at El Paso UTEP</u>   2006 - 2008
P.I. : Dr. Emil Daniel Schwab
Course: Calculus I.

DATA SCIENTIST:

- <u>Consulting Internship, Civitas Learning, Austin Texas</u>   Summer 2013
Develop academic/learning descriptive and predictive analytics and
data visualization to help schools and students to achieve graduation goals.

INTEREST AND RESEARCH

- Forecast Aggregation

- The analysis and understanding of (Big) data.

- Multivariate probability density estimation.

- Computational statistics and Visualization.

- Statistics education.

RESEARCH EXPERIENCE

- Graduate Research Assistant, Rice University. Develop forecast   2011 - 2014
aggregation methods and data visualization techniques.

- Graduate Research Assistant, Rice University. Research power   2010 - 2011
grid reliability under stress conditions.

- Undergraduate Thesis, University of Texas at El Paso. Research on   2007 - 2008
the construction of median graphs of networks.

PUBLICATIONS AND PRESENTATIONS

JOURNAL PUBLICATION:

- Cross D, **Ramos J**, Mellers B, Tetlock PE, Scott DW (2017) "Robust Forecast Aggregation: Fourier L2E Regression," *Journal of Forecasting*, October 1099-131X http://dx.doi.org/10.1002/for.2489

- Mellers B, Ungar L, Baron J, **Ramos J,** Gurcay B, Fincher K, Scott SE, Moore D, Atanasov P, Swift SA, Murray T, Stone E, Tetlock PE (2014) "Psychological strategies for winning a geopolitical forecasting tournament," *Psychological Science*, May 1;25(5):1106-15 http://pss.sagepub.com/content/25/5/1106.long

CONFERENCE PAPER:

- Ungar L, Mellers B, Satopaa V, Baron J, Tetlock PE, **Ramos, J**, Swift S (2012) "The Good Judgment Project: A Large Scale Test of Different Methods of Combining Expert Predictions," *AAAI Fall Symposium Series : Machine Aggregation of Human Judgment*. https://www.aaai.org/ocs/index.php/FSS/FSS12/paper/view/5570/5871

PRESENTATIONS:

- University of North Texas at Dallas, School of Business, Tuesday, January 18, 2022, Class presentation on The Central Limit Theorem.

- New Mexico State University, College of Business Economics, Applied Statistics & International Business, Monday, June 11, 2018, Robust Methods for Forecast Aggregation and Normalization.

- Indiana University, Fall 2016 Seminars, Robust Forecast Aggregation.

- Texas Tech University, Thursday, February 24, 2016, Robust Methods for Forecast Aggregation.

- The Ohio State University, Autumn 2015 Seminars, Robust Methods for Forecast Aggregation.

- Rice University, May 2014, Robust Methods for Forecast Aggregation.

- Screech : Graduate Elevator Pitch Competition, Rice University, Fall 2012,Video (minute 9:25/11:03) **Best Screech in the Department of Statistics**

- Joint Statistical Meetings, JSM 2012, Robust Methods for Forecast Aggregation. **Ramos**, Scott.

- Rice University, Spring 2012 Seminars, Robust Methods for Forecast Aggregation.

- SACNAS 2009, Undergraduate and Graduate Student Poster Session, Linkage Analysis with Sib-Pair Data.

- Univeristy of Texas at El Paso, Department of Mathematical Sciences Colloquium 2008, Electrical Network Mixed Problems.

- Southwestern Undergraduate Mathematics Research Conference at Arizona State University, SUnMaRC 2008, Electrical Network Mixed Problems.

- University of Washington Research Experience for Undergraduates Summer 2007 Inverse Problems, Mixed Problems.

- Rice University Summer Institute of Statistics, RUSIS 2006, Linkage Analysis with Sib-Pair Data.

PANELS:

- The graduate experiences in (Bio)statistics panel, "Fostering Diversity in Biostatistics" workshop at [the Eastern North American Region (ENAR)](#) of the International Biometric Society on Sunday, March 20, 2011 in Miami, FL.

JOURNAL REFEREE:

- WIREs Computational Statistics

Service

- Recruitment and Marketing Committee: School of Business: Spring 2023 - Today. Chair: Gary Holmes.

- Business Profiles (School of) point of contact.

- Director of Business Statistics: Department of Statistics, Indiana University: Fall 2020 - Summer 2022.

- TA Committee: Department of Statistics, Indiana University: Fall 2020 - Summer 2022.

- S301 TA Coordinator (unofficial title): Department of Statistics, Indiana University: Fall 2018 - Fall 2020.

- Visiting Assistant Professor Search Committee. Department of Statistics, Indiana University: Spring 2018 for academic year 2018-2019.

- Teaching Assistant Search Committee. Department of Statistics, Indiana University:
  Fall 2020 - Summer 2022
  Fall 2017 for Spring 2018 semester.
  Summer 2017 for Fall 2017 semester.

Relevant Skills

- Bilingual: English and Spanish.

- Programs/Languages: R, HTML/JavaScript, Mathematica, MATLAB.

- Applications: Microsoft Office, Apple iWork.

Work Experience

- University of North Texas at Dallas.   August 2022 - Present
  School of Business
          Assistant Professor

- Indiana University .... 2016 - Julio 2022
  Department of Statistics
    Director of Business Statistics
    Lecturer
    Visiting Assistant Professor

- The Ohio State University .... 2014 - 2016
  Department of Statistics
    Visiting Assistant Professor

- RStudio .... February 17-20, 2014
  Workshop
    Teaching Assistant

- Rice University .... 2008 - 2014
  Department of Statistics
    Research Assistant
    Teaching Assistant

- Civitas Learning .... Summer 2013
  Internship
    Data Scientist

- Rice University Summer Institute of Statistics, RUSIS .... Summer 2010
  Department of Statistics: Dr. Javier Rojo's REU .... Summer 2009
    Teaching Assistant

- University of Texas at El Paso, UTEP .... 2008 - 2010
  Department of Mathematical Sciences
    Supplemental Instructor

Honors and Activities

- Teacher's Excellence award from the Professional Fraternity, Alpha Kappa 2022
  Psi. Beta Game, for outstanding presentation and student mentorship

- Rice University Fellowship for Graduate Studies. .... 2008 - 2014

- Rice-Alliance for Graduate Education and the Professoriate (AGEP). .... 2008 - 2014

- Best [Screech : Graduate Elevator Pitch Competition](#) in the 2012
  Department of Statistics, Rice University.

- Minority Access to Research Careers (MARC) scholarship (NIH grant). .... 2006 - 2008

- NSF scholarship. .... 2006 - 2007

- Mexican Mathematical Olympiad, 3rd place national level. 2001

- Memberships: ASA, SIAM, SACNAS.

Media

- National Public Radio, NPR,   April 02, 2014
  "[So You Think You're Smarter Than A CIA Agent](#)".

- New York Times,   March 21, 2013
  "[Forecasting Fox](#)".

- UTEP MAXIMA: News and Highlights from   Fall 2007
  the Department of Mathematical Sciences.
  [Winning the pi-digits-from-memory contest with 240 digits](#).

Students

- Sameer Kanase
  Independent Studies in Foundational Graduate Topics in Statistics
  (Spring 2015 : OSU : STAT 6193)

Relevant Coursework

- Multivariate Data Analysis (Dr. David W. Scott)

- Nonparametric Density Estimation (Dr. David W. Scott)

- Statistical Computing and Graphics (Dr. Hadley Wickham)

- Survival Analysis II (Dr. Javier Rojo)

References

- Available upon request.