

EDUCATION

- **COLUMBIA UNIVERSITY** (New York City). Ph.D/M.Phil in Political Science (American Politics, Quantitative Methods).
- **COLUMBIA UNIVERSITY/SIPA** (New York City). Master of Public Administration (Quantitative Methods, Economic Policy).
- **ITAM** (Mexico City). Diploma in Applied Statistics.
- **UNAM/SCHOOL OF ECONOMICS** (Mexico City). BA in Economics (Honors).

PRINCETON UNIVERSITY (5/1/2007 – present, Princeton NJ).

Head of Economics Statistical Services and Lecturer in Economics (2/1/2022 - present, Princeton NJ).

- Teach the fall course *ECO202: Statistics and Data Analysis for Economics*. Topics include data collection, preparation and cleaning, data visualization, descriptive statistics, linear regression, analysis of variance, mean comparison, correlation.
- Coordinate and provide data analysis assistance to around 300 students enrolled in the economics department working on Junior Independent Work (JIW), Senior Thesis, a term paper, or dissertation work.
- Develop the infrastructure to help with any aspect the *Anatomy of Data Analysis*: data collection, data preparation, data cleaning, data merge/append, data visualization, descriptive statistics, linear or non-linear model, panel data analysis, time series, model selection, output interpretation, data presentation, and/or issues related to the use of Stata, and/or R/RStudio for data analysis.
- Supervise and coordinate a team of Ph.D students.

Data and Statistics Consultant (5/1/2007 – 1/31/2022, Princeton NJ).

- Assist students in data preparation and manipulation, understanding statistical concepts, model selection, interpreting statistical output, data visualization, designing research methodology, and the use of statistical packages for data analysis (SPSS, Stata, and R).
- Assisted between 500 and 700 students per year via individual and email consultations, and data analysis workshops.
- Developed data analysis tutorials which have had an average of 120,000 worldwide visits per year, 50,000 from the United States alone, and around 3,000 from Princeton-only.
- Developed a data analysis libguides which have had, on average, 24,000 visits per year.
- Supervise and coordinate a team of Ph.D students.
- Expanded and improved DSS campus-wide capacity to serve Princeton students, faculty, and staff.

PROFESSIONAL EXPERIENCE:

RUTGERS UNIVERSITY (New Brunswick, NJ).

- Department of Economics. Part-time lecturer (9/5/2017-present). Teaching the course:
 - *Economic Data Analytics: Introduction to Data Management, Statistics and Regression* (undergraduate level).
 - Topics include data collection, preparation, and cleaning; descriptive statistics, data visualization, linear regression, interactions, correlation, large/small sample inference, analysis of variance, survey data analysis.
 - Software: Excel and R/RStudio.
- Department of Statistics and Biostatistics. Part-time lecturer (12/23/2014-01/13/2016). Taught the courses:
 - *Basic Statistics for Research* (undergraduate level). Topics include data collection, preparation and cleaning; descriptive statistics, data visualization, linear regression, interactions, correlation, large/small sample inference, analysis of variance, survey data analysis.
 - *Applied Multivariate Analysis* (graduate level). Topic included multivariate data, organization and visualization, inference, multivariate mean comparison, principal components, factor analysis, discrimination analysis, cluster analysis, multivariate linear regression, canonical correlation analysis, random vectors and covariance matrices, multivariate normal distribution, random sampling.

ACADEMIA

UNIVERSIDAD DE GUADALAJARA-CUCEA (10/1/05-3/31/07 - Guadalajara, Mexico).

- *Professor in Public Policy and Economics*:
 - School of Economics, (08/06-12/06), *Structure and Organization of the Public Sector*.
 - Master in Public Administration, (01/06-06/06), *Impact Analysis and Index Development*.
 - Master in Public Administration, (01/06-06/06), *Applied Research in Public Administration*.

ITESO (7/29/05-10/31/06 - Guadalajara, Mexico).

- *Professor in Political Science, Public Policy:*
 - Adjunct Professor (Spring 2006). Course: *International Negotiations*.
 - Adjunct Professor (08/05-10/06). Course: *Political Systems and Contemporary Governments*.
 - Instructor (05/29/06). Diploma in Civil Service: *Public Administration and Development*, 8 hrs.
 - Instructor (July 29-30, 2005). Diploma in Public Policy: *Institutions and Development*, 10 hrs.

STATE GOVERNMENT: JALISCO (6/21/06-9/27/06 - Mexico).

- *Instructor, short courses on accountability, transparency, and institutions:*
 - Servicios y Transportes: *Accountability Indicators*, 6 hrs. (Sep/27/06).
 - Gobierno de Jalisco: *Measuring Transparency*, 5 hrs. (07/5/06).
 - Gobierno de Jalisco: *Transparency, Development, Institutions: A Link*, 5 hrs. (07/4/06).
 - Auditoria Superior de la Federación: *Measuring Accountability*. 4 hrs. (06/21/06).

COLUMBIA UNIVERSITY (New York City).

- Teaching Assistant in Political Science (1/03-5/04).
- Data consultant at Electronic Data Services (5/1/03-12/10/04).
- Statistics consultant at ISERP/Health & Society Scholars Program (9/04-12/04).
- Data consultant at NAJP/Journalism School (9/03-4/04).
- Data consultant at RCAC/Teachers College (1/03- 8/04).

**PROFESSIONAL
EXPERIENCE:**

SECRETARY OF STATE (10/06-12/06) (Mexico City).

- Advisor to the Undersecretary for Legislative Affairs.

GOVERNMENT

PRESIDENCY OF THE REPUBLIC. TECHNICAL ADVISOR'S OFFICE (3/12/90-1/31/96) (Mexico City).

- Starting position: Analyst. Last position: Director for Economic and Special Studies.
- Forecasted electoral results, designed, developed, coordinated, and analyzed public opinion data for the President of Mexico.

**PROFESSIONAL
EXPERIENCE:**

BGC BELTRAN Y ASOCIADOS (1/1/06-4/30/07) (Mexico City).

- Data Consultant. Analyze public opinion polls on a variety of topics.

**PRIVATE
SECTOR**

PHILIP MORRIS MANAGEMENT CORPORATION (5/00-12/02, New York City).

- Public Policy and Opinion Internship. Analyzed public opinion data.

INTERDISCIPLINARY CONSULTANT GROUP (8/93-3/94, San Salvador, El Salvador).

- Consultant. Designed, developed, coordinated, and analyzed poll data to forecast electoral results for the President of El Salvador.

PUBLICATIONS

- Brigitte L. Nacos and Oscar Torres-Reyna. (2006). *Fueling Our Fears: Stereotyping, Media Coverage, and Public Opinion of Muslim Americans*, Rowman & Littlefield Publishers, Inc. ISBN: 0742539830,160p.
- Brigitte L. Nacos and Oscar Torres-Reyna "Framing Muslim-Americans before and after 9/11" in *Framing Terrorism The News Media, Government & the Public*. Edited by Pippa Norris, Montague Kern and Marion Just. New York: Routledge. Fall 2003
- Oscar Torres-Reyna and Robert Y. Shapiro, "The Polls—Trends: Women and Sexual Orientation in the Military", in *Public Opinion Quarterly*, vol. 66:618-632, spring 2002.
- Oscar Torres-Reyna and Robert Y. Shapiro, "The Polls—Trends: Defense and the Military", in *Public Opinion Quarterly*, vol. 66, pp. 279-303, summer 2002.
- Mariana Servin-Gonzalez and Oscar Torres-Reyna, "The Polls-Trends: Religion and Politics," in *Public Opinion Quarterly*, vol. 63, pp. 590-619, winter 1999.

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- Data Analysis Tutorials: <http://www.princeton.edu/~otorres/>, 2007-present.
 - Data Analysis Libguides: <https://libguides.princeton.edu/dss>, 2008-2022.
 - Jose Aleman, Oscar Torres-Reyna, "Solving the Robin Hood Paradox: Inequality, the Median Voter, and Redistribution", paper presented at APSA, 2011, Seattle, Washington.
 - Jose Aleman, Oscar Torres-Reyna, "The Politics of Inequality: Distribution and Redistribution Reconsidered", February 2009, [working paper].
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- Oscar Torres-Reyna, Serban Iorga, Robert Y. Shapiro, “Confidence in Major Companies: A Comparative and Multilevel Approach”, December 2003, study supported by a grant from the Center for International Business Education at Columbia University. [working paper]
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COLLABORATIONS

- *Princeton Community Needs Assessment* survey conducted by the Princeton Human Services Commission of the Princeton municipality. Analyzed the data and presented a report. Spring 2021-Spring 2022.
 - *My Trenton* research project conducted by Prof. Nicoletta Acatrinei, Keller Center for Innovation, Princeton University. Provided training and data analysis support to her team. Summer 2021.
 - Research Center for Arts and Culture (RCAC) at the National Center for Creative Aging in the project coordinated by Joan Jeffri: *ArtCart: Saving the Legacy*. Fall 2012.
 - RCAC, Teachers College/CU, *Taking Note: A Study of Composers and New Music Activity in the U.S.* 2008.
 - RCAC, Teachers College/CU, *Information on Artists III: Bay Area*, 2004.
 - Chicago Council on Foreign Relations (CCFR), *American Public Opinion and Foreign Policy*, 2004.
 - CCFR, *Comparing South Korea and American Public Opinion and Foreign Policy*, 2004.
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AWARDS

- 2019 *Volunteer of the Year* award from the Arts Council of Princeton (ACP, June 6).
 - 2019 *Service Recognition* award, Economics Department, Princeton University (June 3).
 - 2013 Honorary Class Member at Princeton University.
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TALKS

- The College of New Jersey. *Public Safety in Mexico*. October 26, 2012
 - The College of New Jersey. *Mexico/United States, current affairs*. September 17, 2010.
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SERVICE TO UNIVERSITY

- **PRINCETON UNIVERSITY** (2/12/2020 – present, Princeton NJ).
 - Data Driven Social Science Initiative (DDSS), Technical Advisory Group member.
 - **PRINCETON UNIVERSITY** (9/1/2018 – 6/30/2020, Princeton NJ).
 - President of the *Latino Princetonians* Employee Resource Group. During my tenure, membership in LP increased 39%, we organized 24 professional development, educational, and cultural events, four direct collaborations with faculty and staff, and improved and streamlined LP governance.
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