Andres Santos

Department of Economics, University of California - Los Angeles
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Professional Experience

January 2017 - Present, Professor
University of California - Los Angeles

July 2012 - December 2016, Associate Professor
University of California - San Diego

July 2007 - June 2012, Assistant Professor
University of California - San Diego

August 2000 - June 2002, Investment Associate
Putnam Investments (Boston)

Education

Ph.D. in Economics, Stanford University, September 2002 - June 2007
Advisors: Frank Wolak (Primary), Peter R. Hansen, and Aprajit Mahajan

B.A. *summa cum laude*, Brandeis University, August 1996 - May 2000
Majors: Economics and Mathematics

Working Papers

- "Identification and Estimation in a Class of Potential Outcomes Models"
  (joint with Manu Navjeevan and Rodrigo Pinto)
- "On Testing Systems of Linear Inequalities with Known Coefficients"
  (joint with Yuehao Bai and Azeem M. Shaikh).
- "Standard Errors When a Regressor is Randomly Assigned"
  (joint with Denis Chetverikov, Jinyong Hahn, and Zhipeng Liao)
- "Semiparametric Estimation of Invertible Models"
- "A Bootstrap Procedure for Inference in Nonparametric Instrumental Variables"

Publications

- "Constrained Conditional Moment Restriction Models"
  Econometrica, Vol. 91(2) (2023) 709-736
  (joint with Victor Chernozhukov and Whitney K. Newey).
- "Inference for Large-Scale Linear Systems with Known Coefficients"
  Econometrica, Vol. 91(1) (2023) 399-327
  (joint with Zheng Fang, Azeem M. Shaikh, and Alexander Torgovitsky).

- “A Two-Step Method for Testing Many Moment Inequalities”
  Journal of Business Economics and Statistics, Vol. 40(3) (2022) 1070-1080
  (joint with Yuehao Bai and Azeem M. Shaikh).
- “The Wild Bootstrap with a Small Number of Large Clusters”
  Review of Economics and Statistics, Vol. 103(2) (2021) 346-363
  (joint with Ivan A. Canay and Azeem M. Shaikh).
- “Comment on: On the Informativeness of Descriptive Statistics for Structural Estimates”
  Econometrica, Vol. 88(5) (2020) 2271-2276 (non-refereed invited comment).
- “Inference on Directionally Differentiable Functions”
  Review of Economic Studies, Vol. 86(1) (2019) 377-412
  (joint with Zheng Fang).
- “Overidentification in Regular Models”
  Econometrica, Vol. 86(5) (2018) 1771-1817
  (joint with Xiaohong Chen).
- “Using Instrumental Variables for Inference about Policy Relevant Treatment Effects”
  Econometrica, Vol. 86(5) (2018) 1589-1619
  (joint with Magne Mogstad and Alexander Torgovitsky).
- “The Econometrics of Shape Restrictions”
  Annual Review of Economics, Vol. 10 (2018) 31-63
  (joint with Denis Chetverikov and Azeem M. Shaikh).
- “Asymptotically Efficient Estimation of Models Defined by Convex Moment Inequalities”
  Econometrica, Vol. 82(1) (2014) 387-413
  (joint with Hiroaki Kaido).
- “On the Testability of Identification in Some Nonparametric Models with Endogeneity”
  Econometrica, Vol. 81(6) (2013) 2535-2559
  (joint with Ivan A. Canay and Azeem M. Shaikh).
- “Sensitivity to Missing Data Assumptions: Theory and an Evaluation of the U.S. Wage Structure”
  Quantitative Economics, Vol. 4 (2013) 231-267
  (joint with Patrick Kline).
- “Higher Order Properties of the Wild Bootstrap Under Misspecification”
  Journal of Econometrics, Vol. 171 (2012) 54-70
  (joint with Patrick Kline).
- “A Score Based Approach to Wild Bootstrap Inference”
  Journal of Econometric Methods, Vol. 1(1) (2012) 23-41
  (joint with Patrick Kline).
- “Inference in Nonparametric Instrumental Variables with Partial Identification”
  Econometrica, Vol. 80(1) (2012) 213-275.
- “On the Asymptotic Optimality of Empirical Likelihood for Testing Moment Restrictions”
  Econometrica, Vol. 80(1) (2012) 413-423
  (joint with Yuichi Kitamura and Azeem M. Shaikh).
- “Instrumental Variables Methods for Recovering Continuous Linear Functionals”
  Journal of Econometrics, Vol. 161(2) (2011) 129-146.
- “Semiparametric Estimation of Nonseparable Models: A MDI Approach”
  Econometrics Journal, Vol. 13 (2010) S28-S55
  (joint with Ivana Komunjer).

Honors and Awards

Fellow of the Econometric Society
Fellow of the International Association for Applied Econometrics
Excellence in Refereeing Award ReSTUD (2022)
Economic Journal Referee Prize (2022)
Sir Clive W.J. Granger Chair, co-holder, (2011-2016)
UCSD Department of Economics Graduate Teaching Award ($\times 6$)
Review of Economic Studies European Meetings (2007)

SIEPR Dissertation Fellowship (Stanford, 2006)
Sean Buckley Prize for Best Ph.D. Candidacy Paper (Stanford, 2004)
Forman Fellowship (Stanford, 2003)
First Year Graduate Fellowship (Stanford, 2000)

Sidney S. Cohen Award in Economics (Brandeis, 2000)
Steinberg Prize in Physical Science (Brandeis, 2000)
Phi Beta Kappa (Brandeis, 1999)
University Scholar, School of Social Science (Brandeis, 1999)
Wein International Scholar (Brandeis, 1996-2000)

Professional Activities

Co-Editor, *Quantitative Economics*, July 2017 - June 2021.

Associate Editor, *Journal of Political Economy* July 2023-July 2025.
Associate Editor, *Econometrica* July 2013 - July 2022.
Associate Editor, *The Econometrics Journal* Jan 2012 - Jan 2021.
Associate Editor, *Journal of Business and Economic Statistics* July 2012 - July 2015.

Foreign Editor, *The Review of Economic Studies* Jan 2016 - Jan 2022.

Co-Organizer, SITE: Empirical Models of Strategy Interaction and Dynamic Behavior (July 2021).
Co-Organizer, CEME Conference for Young Econometricians (September 2019).
Co-Organizer, CEME Conference for Young Econometricians (September 2018).
Co-Organizer, CEME Conference for Young Econometricians (September 2017).
Co-Organizer, CEME Conference for Young Econometricians (September 2016).

Local Co-Host, Econometric Society Summer Meetings (June 2023).

Program Committee, Econometric Society Winter Meetings (January 2020).
Program Committee, Third IAAE Conference (June 2016).
Program Committee, Econometric Society World Congress (August 2015).
Program Committee, North American Meetings of the Econometric Society (June 2013).
Program Committee, North American Meetings of the Econometric Society (June 2012).

Scientific Committee, Fourth IAAE Conference (June 2017).
Scientific Committee, Second IAAE Conference (June 2015).

Refereeing: *Annals of Statistics*, *Annals of the Institute of Statistical Mathematics*, *American Economic Journal: Applied Economics*, *American Economic Review*, *Bernoulli*, *Biometrika*, *Compu-*

tational Statistics and Data Analysis, *Econometrica*, *Econometric Theory*, *Economic Letters*, *Economic Journal*, *Electronic Journal of Statistics*, *European Research Council*, *Journal of the American Statistical Association*, *Journal of Business and Economic Statistics*, *Journal of Econometric Methods*, *Journal of Econometrics*, *Journal of Nonparametric Statistics*, *Journal of Political Economy*, *National Science Foundation*, *Operations Research*, *Quantitative Economics*, *The Review of Economics and Statistics*, *The Review of Economic Studies*.

Teaching

Course Instruction

- Introduction to Econometrics (Undegraduate, UCLA)
- Linear Models in Econometrics (Graduate, UCLA)
- Empirical Process Theory (Graduate, UCLA)
- Introduction to Econometrics I (Undergraduate, UCSD)
- Panel Data and Cross Sectional Econometrics (Graduate, UCSD)
- Nonparametric and Semiparametric Methods (Graduate, UCSD)

Ph.D. Advising (⋆ Indicates Chair or Co-Chair)

- Adam Baybutt (2024)
- Manu Navjeevan (2024)
- Daniel Ober-Reynolds⋆ (2024)
- Zheng Zhang⋆ (2024)
- Wan Zhang (2024)
- Sumit Shinde (2023)
- Kirill Ponomarev⋆ (2022)
- Liqiang Shi⋆ (2022)
- Yiran Xie (2022)
- Jeonghwan Kim⋆ (2021)
- Neng-Chieh Chang (2020)
- Zhenting Sun (2018)
- Roy Allen⋆ (2017)
- Qihui Chen⋆ (2017)
- Jungbin Hwang (2016)
- Zheng Fang⋆ (2015)
- Linchun Chen (2014)
- Jongmyun Moon (2014)
- Dalia Ghanem (2013)
- David Kaplan (2013)
- Kelly Paulson (2013)
- Hiroaki Kaido (2010)