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Education

Ph.D., Economics, University of Kansas, 2019
M.A., Economics, University of Kansas, 2006
Bachelor of Arts in Business Economics, Universidad Católica "Redemptoris Mater", 2003

Fields of Specialization: Labor Economics, Econometrics, Financial Economics

Dissertation: Contributions to Immigration and Earnings Inequality
Advisor: Donna K. Ginther

Job Market Paper: "Settling for a Citizen? H-1B Visas and the Marriage Choices of International Students in the United States"

Awards and Honors

2016-2017 Institute for Policy & Social Research (IPSR) Graduate Student Fellowship
2005-2006 Fulbright Scholarship
2005-2006 Barsa Scholarship
2002 Central Bank of Nicaragua Scholarship for Undergraduate Studies

Current Position

Associate Researcher, Institute for Policy & Social Research (IPSR), University of Kansas. Primary responsibilities include data preparation, queries, documentation, analysis, report preparation, and student training.

Research Experience

June 2013 – September 2019 Research Assistant, for Professor Donna K. Ginther, Department of Economics, University of Kansas

- Research assistant on NSF and CDC funded research projects.
- Cleaned and Analyzed survey data using SAS and STATA using applied microeconomic methods
- Created code that harmonized the longitudinal variable definitions of the Science and Engineering Statistics Data System (SESTAT) data using STATA and SAS
- Developed Python code to scrape websites for publication and federal research grant data.

April 2012 – May 2012 Consultant, United Nations Food and Agriculture Organization (FAO). Collaborated on the approval of research topics and funding for special studies using data from the fourth National Agricultural and Livestock Census.

- 2008-2010 Research Economist (Profesional III), Economic Research Unit, Central Bank of Nicaragua. Research on microeconomic issues related to the measurement of inefficiency in agricultural production, supported the work of the Department on national accounting topics, tasks related to data analysis and management, and the preparation of periodic Economic Outlook reports for the Board of Governors.
- 2007-2008 Profesional III, Department of Yearly National Accounts, Central Bank of Nicaragua. Supervisor of the National Income and Production Accounts (NIPA) of activities involved in the extraction of raw materials and basic foods of the Nicaraguan economy
- 2003-2006 Profesional I, Department of Yearly National Accounts, Central Bank of Nicaragua.

Teaching Experience

- Spring and Fall 2020 Lecturer, LA&S792 Research Data Management. This course focuses on the concepts and skills needed to prepare data for analysis, as well as document data for preservation and reuse. These include cleaning, integration, selection, transformation and reduction of data.
- August 2012 – May 2013 Graduate Teaching Assistant, Principles of Microeconomics, for Professors Neal Becker and Brian Staihr.
- 2010-2011 Full-Time Instructor of Mathematics, School of Science, Mathematics and Technology; Ave Maria University – Latin American Campus (now Keiser University– Latin American Campus)
- 2001-2002 Teaching Assistant, Universidad Católica, School of Economic and Managerial Sciences
Courses: Calculus I, Dynamic Methods (Systems of Difference and Differential Equations for Economics), Financial Mathematics

Papers and Publications

“Association of Mask Mandates and COVID-19 Case Rates in Kansas”, with Donna K. Ginther, *Submitted to the Journal of the American Medical Association*

“Do Two Wrongs Make a Right? Measuring the Effect of Publications on Scientific Careers”, with Donna K. Ginther and Wan-Ying Chang, *Working Paper*

“Settling for a Citizen? H-1B Visas and the Marriage Choices of International Students in the United States”, University of Kansas, *Working Paper*

“Voluntary Audits of Nonfinancial Disclosure and Earnings Quality: The Assurance of Corporate Social Responsibility Reports”, with Elizabeth Gordon, and Sunita Rao. (2020, *R&R Journal of International Accounting Research*)

“Return Migration and the Self-Selection of High-Skilled Immigrants to the U.S.”, *Work in Progress*

“Performance Pay and Earnings of High Skilled Workers”, with Donna K. Ginther, *Working Paper*

Research Reports

Donna K. Ginther, Carlos Ernesto Zambrana Roman, Jennifer Boden, Patricia Oslund. *A Study of the North Kansas City School District Extended School Year*. December 2019. Report prepared for North Kansas City Schools.

Carlos Zambrana. *An Evaluation of Mid-Continent Public Library's 2019 Summer Learning Program*. May 2020. Prepared for Mid-Continent Public Library.

Carlos Zambrana, Lindsay Jorgenson. *Supporting Technology, Educators, and Parents for Upward Progress (STEP-UP) Year 3 Annual Evaluation Report*. July 2020. Prepared for the Achievement & Assessment Institute of The University of Kansas.

Conferences

Presenter, Southern Economic Conference, Tampa, FL, November 2017
Presenter, Midwest Economics Association, Evanston, IL, March 2018
Discussant, Midwest Economics Association, Evanston, IL, March 2018
Presenter, Missouri Valley Economic Association, Kansas City, MO, 2019
Presenter, Association for Public Policy Analysis & Management (APPAM) Fall Research Conference, Denver, CO, November 2019

Media Mentions

"Kansas counties with mask mandates had half the rate of new infections, a study finds". *The New York Times*. Retrieved November 23, 2020 from <https://www.nytimes.com/live/2020/10/26/world/covid-19-coronavirus-updates#kansas-counties-with-mask-mandates-had-half-the-rate-of-new-infections-a-study-finds>

Anderson, Julie. "CDC says face masks protect the wearer and those around them". *Omaha World-Herald*. Retrieved November 23, 2020 from https://omaha.com/lifestyles/health-med-fit/cdc-says-face-masks-protect-the-wearer-and-those-around-them/article_b30ce7d1-9df1-518b-8eb5-69c1936f509b.html

Cronkleton, Robert A. "Do masks help slow spread of COVID-19 in Kansas? One study says 'Yes,' by as much as 50%". *The Wichita Eagle*. Retrieved November 23, 2020 from <https://www.kansas.com/news/coronavirus/article246781727.html>

Jeltsen, Melissa. "The Third Coronavirus Surge Is Here And Masks Are Still Optional". *The Huffington Post*. Retrieved November 23, 2020 from https://www.huffpost.com/entry/coronavirus-surge-masks-still-optional_n_5f97260dc5b646c70e9b77b7

Mitchell, Conner. "COVID-19 spreading half as quickly in counties with mask mandates, KU research shows". *Lawrence Journal-World*. Retrieved November 23, 2020 from <https://www2.ljworld.com/news/ku/2020/oct/23/covid-19-spreading-half-as-quickly-in-counties-with-mask-mandates-ku-research-shows/>

Woodall, Hunter. "Oklahoma Gov. Kevin Stitt Skips Mask Mandate in Alleged COVID Crackdown". *The Daily Beast*. Retrieved November 25, 2020 from <https://www.thedailybeast.com/oklahoma-gov-kevin-stitt-skips-mask-mandate-in-alleged-covid-crackdown>

Computers skills

Stata, SAS, Python, SQL, R, LaTeX

Professional References

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