

Randall M. Chicola

PERSONAL INFORMATION & CONTACTS

Current position:

- Graduate Research Assistant
College of Business, Economics Department
University of Nevada, Reno

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FIELDS

Empirical Applied Economics, Public Economics, and Regional Economics

EDUCATION

University of Nevada, Reno : The College of Business

Ph.D., Economics (candidate), expected: May 2023, from August 2018 to present.

Loyola University Chicago ; Quinlan School of Business

MS in Finance, Risk Management, May 2012.

MBA, Finance, May 2012

Eastern Illinois University, Lumpkin College of Business and Technology

BS in Business, Finance, May 2008.

JOB MARKET PAPER

- [1] Chicola, R., *Implications of Sales Tax Enforcement on E-commerce: Evidence from Nielsen Consumer Panel Data*

WORKING PAPER

- [2] Chicola, R., Kim, M., Hu, W., Harris, T., Joint Prediction and Simulation of Labor Force and Fiscal Conditions of Nevada Counties

WORK IN PROGRESS

- [3] Chicola, R., Uz, D., How Do Rooftop Solar Panel Owners Vote in Energy-Related Issues? An Event Study from Nevada

- [4] Chicola, R., Sokolova, A., Nominal Price Rigidity Parameters: A Meta-analysis

TECHNICAL REPORTS

- [5] Chicola R., Harris T. , State Comparison of Payment in Lieu of Taxes for 2020. *Extension, University of Nevada, Reno, FS-211-107*, Vol. 153, November 2021, 102741.

CONFERENCE TALKS

2021

- Southern Economic Association 91st Annual Meeting (Houston) *Joint Prediction and Simulation of Labor Force and Fiscal Conditions of Nevada Counties*

2020

- Southern Economic Association 90th Annual Meeting (Virtual). *How Do Rooftop Solar Panel Owners Vote in Energy-Related Issues? An Event Study from Nevada*

TEACHING

At **University of Nevada, Reno**, Teaching Assistant (2018-2019) undergraduate program:

- Professor Todd Sorensen's introductory microeconomics (large lecture hall)
- Professor Kym Pram in two sections of intermediate microeconomics (approximately 60 students per section, 2 sections)
- Professor Shunfeng Song's introductory statistics (approximately 40 students per section, 2 sections)

At **Benedictine University**, Instructor (2013 - 2017) undergraduate program:

- International Business
- Principles of Microeconomics
- Personal Financial Planning
- Managerial Finance
- Money and Financial Markets
- Investments
- Fixed Income
- Multinational Corporate Finance

OTHER EXPERIENCE

At **University of Nevada, Reno**, **Graduate Research Assistant, Extension**, (2019 to present)

At **Financial West Group (FWG)** Assistant Vice President & Comptroller, (July 2017 to September 2018)

PROGRAMMING SKILLS

STATA: Job market paper utilized Almost Ideal Demand System (AIDS) software packages for demand estimation of approximately 60 million annual online and traditional brick and mortar purchase observations with the imposition of exogenous sales tax policy.

In another regional model using Nevada fiscal and labor data, seemingly unrelated regression (SUR) and three-stage least squares were econometric methods were used. Graduate research assistant work also utilized Stata on a regular basis

- aidills, quads, loops, regression, statistical analysis, simulations, post-estimation, homogeneity, symmetry, dsgenl

PYTHON: Used python's web-scraping packages in PyCharm to collect residential property price and home characteristic data from Washoe and Clark County Assessor's websites to analyze support for energy referendums. PyTorch was used for the machine learning component of the project.

- Beautiful soup, selenium, requests, pandas, numpy, pytorch, colab

R: Used R-project for web-scraping, statistical analysis, regressions, looking at structural breaks, post-estimation, and other techniques.

- OLS, GLS, fixed effects, numerical optimization, VAR, time series, ARIMA, GARCH, and other techniques.

IMPLAN Used IMPLAN for impact analysis of CARES Act programs such as Paycheck Protection Program (PPP) loans for the Western Nevada Development District (WNDD)

GAMS: Used GAMS to deploy a ranching model for Humboldt County that optimized discounted rancher revenues with considerations for Federal Animal Units per Month (AUM) reductions imposed by Bureau of Land Management (BLM) and water allotment reductions to determine the effects of drought in the Nevada region on the ranching industry.

TABLEAU: Used platform features to create various data visualizations such as animations of the continental United States of online state sales tax adoption for job market paper.

Microsoft SQL Server: Used SQL to create a custom relational database for approximately 10 TB of consumer panel data.

- JOIN Statements (inner, left, right, outer), Common Table Expressions (CTE) (e.g. select, insert), sub-queries, where, from, create (tables, view), intersect, union, etc.

REFERENCES

Advisors:

Prof. Frank Fossen: (775) 682-9131 ; ffossen@unr.edu

Prof. Anna Sokolova: (775)682-9126 ; asokolova@unr.edu

Dissertation Committee:

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