

# Michelle Savolainen Barro

Economist + Quantitative Analyst

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## EXPERIENCE:

*Social Science Research Analyst*, U.S. Equal Employment Opportunity Commission  
October 2016 – present | Philadelphia, PA / Houston, TX

- Supports systemic investigations through statistical analyses of employment discrimination cases using SAS and presents results to federal investigators and attorneys
- Presents to agency-wide audiences on the use of statistics in systemic investigations
- Collaborated with Council of Economic Advisers on employment research using Stata and presented results at the White House

*Research Analyst*, Philadelphia Department of Revenue  
January 2016 – September 2016 | Philadelphia, PA

- Assisted with establishing predictive analysis models for tax enforcement decision support
- Analyzed tax revenue data using SQL to produce solutions for requests from city officials
- Performed spatial analysis on large tax dataset in ArcGIS
- Initiated data translation project to save on consultant expenses using Stata and SQL

*Post-Doctoral Researcher*, Louisiana State University  
June 2015 – November 2015 | Baton Rouge, LA

- Led team of 4 investigators in federally funded grant awarded for \$375,823
- Created valuation survey for ocean observing systems in Qualtrics
- Completed all documents and coordinated efforts between 4 organizations to route survey through U.S. Office of Management and Budget approval process

*Graduate Research Assistant*, Louisiana State University  
June 2009 – June 2015 | Baton Rouge, LA

- Collected and organized large datasets using SAS, Stata, and ArcGIS
- Estimated the value of wetlands to residential property owners using spatial econometrics
- Administered cost and earnings survey to 700 charter fishing captains by mail and through Qualtrics survey software online
- Presented research at national and international conferences

## EDUCATION:

- Ph.D., Agricultural and Resource Economics, Louisiana State University, 2015
- M.S., Agricultural and Resource Economics, Louisiana State University, 2012
- B.B.A., Business Administration and Management, Texas Woman's University, 2007

## SOFTWARE:

- Stata, SQL, SAS, Qualtrics, and ArcGIS