

# Joseph Navelski

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[Website](#) — [LinkedIn](#) — [GitHub](#)

<b>EDUCATION</b>	<i>Ph.D. in Economics</i>	2018 - 2023
	Washington State University, Pullman, WA	
	<i>M.S. in Statistics</i>	2019 - 2022
	Washington State University, Pullman, WA	
	<i>M.S. in Agricultural and Resource Economics</i>	2016 - 2018
	University of Arizona, Tucson, AZ	
	<i>B.A. in Sociology and Minor in Business</i>	2007 - 2011
	University of New Hampshire, Durham, NH	

<b>EMPLOYMENT HISTORY</b>	<i>Senior Quantitative Analyst</i>	June 2024 - Present
	Federal Reserve Bank of Richmond - Charlotte Branch, Charlotte, NC	
	<i>Senior Quantitative Analyst</i>	Jan. 2023 - May 2024
	Toronto-Dominion (TD) Bank, Cherry Hill, NJ	
	<i>Graduate Research Assistant</i>	2021 - 2023
	Washington State University, Pullman, WA	
	<i>Graduate Lead Instructor</i>	2019 - 2022
	Washington State University, Pullman, WA	
	<i>Graduate Teaching Assistant</i>	2018 - 2019
Washington State University, Pullman, WA		
	<i>Research Economist – Student Intern</i>	Summer 2017 and 2018
	USDA Economic Research Services, Washington, DC	
	<i>Graduate Teaching Assistant</i>	2017 - 2018
	University of Arizona, Tucson, AZ	
	<i>Paul D. Coverdell Peace Corps Fellow</i>	2016 - 2018
	University of Arizona, Tucson, AZ	
	<i>Peace Corps Volunteer</i>	2012 - 2014
	US Department of State, Peace Corps Nicaragua	

<b>PUBLICATIONS</b>	A. Rivolta, A. Bujold, P. Wilmarth, B. Phinney, J. Navelski, D. Horohov, and M. Sanz, <a href="#">Comparison of the Broncoalveolar Lavage Fluid Proteomics Between Foals and Adult Horses</a> , <i>Plos One</i> , September 2023
	F. Pascual and J. Navelski, <a href="#">Monitoring Reliability under Competing Risks Using Field Data</a> , <i>Journal of Quality Technology</i> , July 2022
	<ul style="list-style-type: none"><li>Invited Speaker, <i>INFORMS Annual Meeting - JQT Session</i>, Phoenix, AZ, October 15-18, 2023</li></ul>

## RESEARCH IN PROGRESS

J. Navelski and F. Pascual, **New Methods in Estimating the Latent Space Network Model with an Application to the US Media Industry on Twitter** - *Submitted*

J. Navelski, S. Badruddoza, J. McCluskey and F. Pascual **Estimating Ideology and Influence in Social Media Network: Opinions on Genome Editing in Livestock** - *Submitted*

J. Navelski and F. Muñoz-Garcia, **Multiple Signals in a Corporate Socially Responsible Equilibrium**

J. Navelski, **Gaining Inference in a Machine Learning NLP Sentiment Analysis on Twitter**

## PROJECTS

J. Navelski and K. Ondongo, **Making Use of PCA in the Presence of Multicollinearity**

## TEACHING

EconS 101 - Fundamentals of Microeconomics (142 Students) Spring 2022  
[Syllabus](#) | [Materials](#) | [Evaluation](#) (4.5/5)

EconS 101 - Fundamentals of Microeconomics (139 Students) Fall 2020  
[Syllabus](#) | [Materials](#) | [Evaluation](#) (4.5/5)

EconS 305 - Intermediate Microeconomics (12 Students) Summer 2020  
[Syllabus](#) | [Materials](#) | [Evaluation](#) (4.4/5)

EconS 424 - Strategy and Game Theory (26 Students) Spring 2020  
[Syllabus](#) | [Materials](#) | [Evaluation](#) (4.0/5)

EconS 327 - International Trade and Finance (30 Students - Online) Spring 2019  
[Evaluation](#) (4.3/5) - *All materials were provided by Global Campus.*

## ORGANIZATIONS

Tri-Alpha National Honor Society for First-Generation College Students 2021-Present

Python Working Group, Washington State University 2018-Present

R Working Group, Washington State University 2018-Present

## AWARDS

WSU SES Excellence in Teaching Award 2021

University of Arizona AREC Meritorious Graduate Teaching Assistant 2018

## RECORDED CODING PRESENTATIONS

**[A/B Testing in Python](#)**, **[APIs in Python](#)**, and **[Social Networks in Python](#)**

## SKILLS

R, Python, GitHub, STATA, SAS, MatLab, Mathematica, RSTAN, LaTeX, Tableau