

# Curriculum Vitae: Bonang Seoela



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## CONTACT

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🎓 Google Scholar

## EDUCATION

<b>Indiana University</b> <i>PhD Economics</i>	Aug 2022 – Present Bloomington, IN
<b>Boise State University</b> <i>Masters of Science in Economics</i> Thesis Title: <u>"The Effect of South Africa's Monetary Policy Shocks within the Common Monetary Area"</u>	Aug 2018 – May 2020 Boise, ID
<b>The College of Idaho</b> <i>Bachelors of Science in Mathematics and Physics with a Minor in Business</i>	Aug 2014 – May 2018 Caldwell, ID
<b>Waterford Kamhlaba United World College</b> <i>International Baccalaureate Diploma</i>	Jan 2012 – Nov 2013 Mbabane, Eswatini

## RESEARCH INTERESTS

International Trade, Environmental and Energy Economics, Computational Macroeconomics and Spatial Housing Economics

## REFERENCES

**Samia Islam, PhD**  
Boise State University  
[SamiaIslam@boisestate.edu](mailto:SamiaIslam@boisestate.edu)

**Volodymyr Lugovskyy, PhD**  
Indiana University Bloomington  
[vlugovsk@iu.edu](mailto:vlugovsk@iu.edu)

**Sephooko Motelle, PhD**  
International Finance Corporation  
[smotelle@ifc.org](mailto:smotelle@ifc.org)

**Craig Shaul**  
Idaho Department of Labor  
[Craig.Shaul@labor.idaho.gov](mailto:Craig.Shaul@labor.idaho.gov)

## TEACHING

Associate Instructor, Econ-E 303 Survey of International Economics	Fall 2024
Teaching Assistant, Econ-B 251 Fundamentals of Economics for Business I	Fall 2023, Spring 2024
Teaching Assistant, Econ-303 Intermediate Microeconomics	Spring 2020
Teaching Assistant, Econ-202 Principles of Microeconomics	Fall 2019, Spring 2020
Teaching Assistant, Econ-511 Advanced Microeconomic Theory I	Fall 2019
Teaching Assistant, Econ-455 Behavioral Economics	Fall 2019
Lab Instructor, ITM 105 Spreadsheet Topics	Fall 2018, Spring 2019
Lab Instructor, ITM 106 Database Topics	Fall 2018, Spring 2019

## PROFESSIONAL EXPERIENCE

<b>Associate Analyst Intern</b> <i>Congressional Budget Office</i> <ul style="list-style-type: none"><li>• Developed and maintained models to calculate subsidy rates for federal housing programs, integrating economic and financial variables.</li><li>• Analyzed data to assess the fiscal impacts of housing policies on the federal budget.</li></ul>	May 2024 – Aug 2024 Washington, DC
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- Prepared written summaries and presentations for policymakers, highlighting findings and policy implications.

### **Labor Economist**

Aug 2020 – Jul 2022

*Idaho Department of Labor*

*Boise, ID*

- Conducted in-depth research and analysis on labor market trends, including employment rates, wage growth, and workforce participation.
- Developed and implemented econometric models to assess the impact of labor market policies on employment outcomes.
- Collaborated with internal teams to design and execute surveys and data collection efforts to gather relevant labor market information.
- Produced comprehensive reports and presentations on labor market trends and policy recommendations for internal and external stakeholders.
- Assisted in the formulation and evaluation of labor market policies, providing expert guidance based on economic analysis.

### **Graduate Research Assistant**

Aug 2018 – May 2020

*Boise State University*

*Boise, ID*

- Assisted faculty members in conducting economic research projects, providing support in data collection, cleaning, and analysis.
- Conducted literature reviews and synthesized research findings to contribute to the development of academic papers.
- Used statistical software (e.g., R, Stata) to analyze and interpret economic data, ensuring accuracy and reliability of results.

### **Data Science Intern**

May 2019 – Nov 2019

*Albertsons Companies*

*Boise, ID*

- Assisted in developing predictive models and analyzing large datasets to identify patterns and generate actionable insights.
- Conducted data cleaning, preprocessing, and exploratory data analysis to ensure data quality and accuracy.
- Collaborated with cross-functional teams to develop data-driven solutions to business challenges, improving operational efficiency.
- Implemented statistical algorithms and machine learning techniques to build predictive models for forecasting and optimization purposes.

### **Financial Analyst Intern**

Aug 2017 – Dec 2017

*Second Wave Capital Management*

*Remote*

- Supported the acquisition team in conducting due diligence, market research, and financial analysis for potential mergers and acquisitions.
- Assisted in the evaluation of financial statements, performing valuation analyses, and preparing financial models to support decision-making processes.
- Conducted industry research and benchmarking studies to identify potential acquisition targets and assess market opportunities.
- Prepared presentation materials and reports to communicate findings and recommendations to senior management.

## **AWARDS AND HONORS**

Best Graduate Student Paper, *Indiana University*, Spring 2025

President's Diversity Fellowship, *Indiana University*, 2022 - 2027

Economics Department Signature Student, *Boise State University*, Fall 2019

Vice President of University Advancement Research Award, *Boise State University*, Spring 2019

John J. and Ethel C. Chapman Graduate Economics Fellowship, *Boise State University*, 2019 - 2020

Economics Department Graduate Research Assistantship, *Boise State University*, 2018 - 2020

Shelby Davis Foundation Scholarship, *The College of Idaho*, 2014 - 2018

Gipson Fellowship Scholarship, *The College of Idaho*, Spring 2016

## RESEARCH

### JOURNAL PUBLICATION

1. Seoela Bonang. (2022). Efficacy of monetary policy in a currency union? Evidence from Southern Africa's Common Monetary Area[J]. *Quantitative Finance and Economics*, 6(1): 35-53. [Link](#)

### REPORTS

1. Why are home prices across Idaho Cities rising faster than the national average?. *Idaho Department of Labor*. 2022. [Link](#)
2. Idaho's center of population continues westward shift. *Idaho Department of Labor*. 2022. [Link](#)
3. Idaho beef industry showing marked recovery. *Idaho Department of Labor*. 2021. [Link](#)
4. A closer look at Idaho's financial activities sector in the past decade: A shift-share analysis. *Idaho Department of Labor*. 2020. [Link](#)

### RESEARCH IN PROGRESS

1. Energy Prices, Pollution, and Competitiveness: Effects of Mexico's Energy Tax Reform.
2. Connecting Markets: Evaluating the effect of Mexico's National Infrastructure Program on International Trade.
3. Environmental Regulations and Export Dynamics: Firm-Level Evidence from Mexican Manufacturing
4. Impact of Air Quality Regulations on Entrepreneurial Activity. (*with Samia Islam*)
5. The Effect of Homeownership on Unemployment Rate: A Nonlinear Panel ARDL Analysis.

## TECHNICAL SKILLS

**Computer Programming:** Fortran, Python, C/C++, SQL , R, VBA, Machine Learning

**Tools & Software:** Excel, Access, MATLAB,  $\LaTeX$ , EViews, STATA, Tableau, Power BI