

Michael S. Browne

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EDUCATION

THE GEORGE WASHINGTON UNIVERSITY

Department of Economics, PhD in Economics
Department of Economics, MPhil in Economics

Washington, DC

Aug.2018

May.2014

UNIVERSITY OF MARYLAND

Department of Economics, B.A in Economics

College Park, MD

May.2008

PROFESSIONAL EXPERIENCE

INTERNATIONAL FINANCE CORPORATION, CSEIN/CSEIM

Macroeconomist Consultant (Coordinator Evgenia Shumilkina: eshumilkina@ifc.org)

Washington, DC

Apr.2018- Present

- Design, develop and document infrastructure investment economic impact models
- Predict the economic and environmental impacts of infrastructure investment projects
- Implement ETL (extract, transform and load) data pipelines
- Analyze data using statistical and machine learning methodologies
- Participate in the development of the Anticipated Impact Measurement and Monitoring framework
- Design indicators for the Transport Infrastructure, Mining, and Oil and Gas AIMM frameworks

THE GEORGE WASHINGTON UNIVERSITY, Research Program on Forecasting

Academic Research Assistant (Coordinator Tara Sinclair)

Washington, DC

Aug.2013- Aug.2018

- Provided research and administrative assistance for program directors and members
- Maintained program website, RePEc page and social media accounts
- Organized forecasting seminars/webinars, and 14th and 17th OxMetrics User Conferences

INTER-AMERICAN DEVELOPMENT BANK, IFD/FMM

Fiscal Economist Consultant (Coordinator Gerardo Reyes-Tagle: gerardor@iadb.org)

Washington, DC

Jun.2014- Dec.2016

- Reviewed and evaluated priorities for comprehensive tax policy reforms for Caribbean nations
- Drafted and revised qualitative and quantitative reports on tax policy and administration issues
- Implemented ETL data pipelines for tax policy, tax expenditure and state enterprise data
- Participated in preparation of Fiscal Strengthening to Support Economic Growth Programs
- Participated in technical assistance and advisory missions and liaised with government officials

BARBADOS, Ministry of Finance and Economic Affairs

Macroeconomic Analyst Consultant (Coordinator Derek Gibbs: gibbsd@caribank.org)

St. Michael, Barbados

May.2013- Jun.2013

- Modelled and programmed macroeconomic model of the Barbados economy
- Implemented ETL data pipelines used in the macroeconomic model
- Forecasted macroeconomic policy scenarios to aid in policy analysis and formulation
- Provided technical training to ministry personnel in use of the macroeconomic model

BENCHMARK FORECASTS

Macroeconomic Research Analyst (Coordinator Fred Joutz)

Washington, DC

Dec.2012- Present

- Implement ETL data pipelines from multiple energy and macroeconomic data sources
- Develop and test energy and macroeconomic models for forecasting and policy analysis
- Draft, revise and review technical and policy reports
- Referee papers for academic journals including Energy Economics and Energy Policy

MANUFACTURERS ALLIANCE FOR PRODUCTIVITY AND INNOVATION

Econometric Analyst Intern (Coordinator Dan Meckstroth: dmeckstroth@mapi.net)

Arlington, VA

Jun.2012- Aug.2012

- Modelled and programmed Input-Output model of the US economy
- Forecasted US macroeconomic data using the developed Input-Output model
- Specified and estimated structural econometric models of the US economy

INSTITUTE FOR POLICY STUDIES

Macroeconomic Analyst Intern (Coordinator Dedrick Muhammad)

Washington, DC

Jan.2009- May.2009

- Drafted and co-authored articles, reports, grant proposals and opinion-editorials
- Coordinated efforts with other organizations for collaborative projects and events
- Organized events within the organization and for the public

TRINIDAD AND TOBAGO, Judiciary Research and Statistics Unit

Statistical Analyst Intern (Coordinator Desmond Hunte)

Port of Spain, Trinidad

Jul.2007- Aug.2007

- Implemented ETL data pipeline to make data readily accessible
- Analyzed judicial statistical data and drafted analytical reports
- Designed, conducted and evaluated surveys carried out within the judicial system

TEACHING EXPERIENCE

Intermediate Macroeconomic Theory, Lecturer

Spring.2017- Present

Intermediate Macroeconomics Review Session, Lecturer

Summer.2017

CONFERENCE ACTIVITIES

21st Dynamic Econometrics Conference, Presenter

Mar.2019

Caribbean Centre for Money and Finance 50th Annual Monetary Studies Conference, Presenter

Nov.2018

Workshop on Forecasting Issues in Developing Economies, Participant

Apr.2017

Caribbean Centre for Money and Finance 48th Annual Monetary Studies Conference, Presenter

Nov.2016

Central Bank of Barbados 36th Annual Review Seminar, Presenter

Jul.2016

17th OxMetrics User Conference, Presenter

Mar.2016

21st Federal Forecasters Conference, Participant

Sep.2015

14th OxMetrics User Conference, Participant

Mar.2014

11th OxMetrics User Conference, Participant

Mar.2012

AWARDS/GRANTS

The George Washington University, Conference Travel Grant for Graduate Students

Nov.2016

The George Washington University, Department of Economics Conference Travel Grant

Nov.2016

The George Washington University, Department of Economics Conference Travel Grant

Jul.2016

17th OxMetrics User Conference, Best PhD paper and presentation

Mar.2016

SERVICE AND MEMBERSHIP

GWU Research Program on Forecasting, Affiliate and archivist

Aug.2013- Present

GWU Research Program on Forecasting, Research assistant

Aug.2013- Aug.2018

17th OxMetrics User Conference, Local organizing committee

Mar.2016

14th OxMetrics User Conference, Local organizing committee

Mar.2014

GWU Student Association for Graduate Economics, Member

Aug.2012- Aug.2018

GWU Macroeconomics Reading Group, Member

Aug.2013- Aug.2018

WORKING PAPERS

“Liquidity effects on consumers’ imports in Trinidad and Tobago”

- [The George Washington University Research Program on Forecasting Working Paper 2016-005](#)
- [Central Bank of Barbados Working Paper 2017-02](#)

“Estimating monetary policy rules in small open economies”

- [The George Washington University Research Program on Forecasting Working Paper 2019-001](#)
- [Paper presented at the Caribbean Centre for Money and Finance 48th Annual Monetary Studies Conference](#)

WORK IN PROGRESS

“Forecasting monetary policy targets with estimated monetary policy rules”, joint with Fred Joutz

- [Paper accepted at the International Monetary Fund Workshop on Forecasting Issues in Developing Economies](#)

“The Dutch Disease and Monetary Policy”, joint with Fred Joutz

- [Paper presented at the 21st Dynamic Econometrics Conference](#)
- [Paper presented at the University of Vigo Department of Economics Macroeconomics Seminar](#)
- [Paper presented at the Caribbean Centre for Money and Finance 50th Annual Monetary Studies Conference](#)

SKILLS

Software: EViews, Matlab, Microsoft Office, OxMetrics, Stata, Tableau

Cloud/Data: Azure, Cassandra, CosmosDB, MongoDB, Python, R, Redis, Rust, Solr, Spark, SQL

Languages: Native in English; Intermediate in Spanish and French

Lived in Trinidad and Tobago, and Washington, DC USA

Traveled in the Bahamas, Barbados, Canada, Guyana, Suriname, UK and USA

PROFESSIONAL REFERENCES

Evgenia Shumilkina (Coordinator)

Results Measurement Specialist, International Finance Corporation

Email: eshumilkina@ifc.org

Gerardo Reyes-Tagle (Coordinator)

Lead Fiscal Economist, Inter-American Development Bank

Email: gerardor@iadb.org

ACADEMIC REFERENCES

Research Professor Neil R. Ericsson (Dissertation Co-Director)

Division of International Finance, Board of Governors of the Federal Reserve System

Email: ericsson@frb.gov

Professor Frederick L. Joutz (Dissertation Co-Director)

Department of Economics, The George Washington University

Email: bmark@gwu.edu

Professor Tara M. Sinclair (Dissertation Committee Member)

Department of Economics, The George Washington University

Email: tsinc@gwu.edu

Professor Michael D. Bradley (Dissertation Committee Member)

Department of Economics, The George Washington University

Email: mdbrad@gwu.edu