April 18, 2019

To the committee for the CRIW Summer Institute Fellowship:

I have been a research economist at the Bureau of Economic Analysis (BEA) since August 2018. I assumed this position after completing my PhD in Agricultural and Applied Economics at University of Wisconsin-Madison in the summer of 2018. My PhD research explored questions at the intersection of international trade and development economics, specifically the welfare of Indonesians who produced palm oil during the commodity price boom and bust of the 2000s.

Now as an economist with a statistical agency, I continue to research international trade questions but with a focus on the U.S. economy. I have enjoyed learning about BEA's extensive program to collect data on U.S. international transactions and the process of aggregating firm-level data to calculate macroeconomic statistics. BEA's firm-level surveys offer unique opportunities to answer difficult economics questions, and to improve the statistics that inform the public about the U.S. economy.

The statistical measurement of the emerging digital economy is an important initiative for BEA. I am learning about the use of blockchain and cryptocurrencies in international trade and exploring the possibilities for inclusion of cryptocurrencies in BEA's international statistics. Separately, I am building a conceptual framework for measuring economic activity related to 3-D printing, and this technology's expected impact on trade in manufactured goods and related design and computer services.

Another of my projects aims to improve BEA's measurement of computer services imports. I am writing a paper that tests whether there is a correlation between U.S. computer services imports and reduced domestic employment in computer occupations. The results could both inform the debate on services offshoring and improve BEA statistics on imports of computer services.

I am also writing a research proposal with a former dissertation advisor that utilizes BEA's survey data on transactions related to intellectual property generated within and shared between units of multinational enterprises (MNEs). The value of intellectual property is difficult to measure because the asset is directly unobservable by economists in academia and in statistical agencies. My work in this area would seek to measure the value of intellectual property indirectly by examining the relationship between reported R&D spending, reported international transactions related to intellectual property and firm performance.

My research would benefit from attending the CRIW summer workshop. First, I could learn more about research at the frontier of the measurement field to inform the projects described above. I also would like to develop relationships with government and academic researchers to collaborate on emerging statistical measurement issues in the future.

Thank you for your consideration and I look forward to hearing from you.

Sincerely,

Allison Derrick

Allison Derrick

Economist
Research Branch, International Economics Directorate
Bureau of Economic Analysis

Allison Derrick

Curriculum Vitae updated April 2019

Contact Information

4600 Silver Hill Rd
Suitland, MD, 20746
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Cell: (813) 361-9013

Professional Experience

Research economist, International Economics Directorate in the Bureau of Economic Analysis, Department of Commerce — August 2018 to present

Education

Ph.D. Agricultural & Applied Economics; University of Wisconsin–Madison — May 2018

M.A. Agricultural & Applied Economics; University of Wisconsin–Madison — Dec. 2015

B.A. Economics (Honors Cum Laude), Asian Studies and Middle East Peace Studies (minors); Loyola University New Orleans — May 2013

Fields

International trade and economic development

Research Papers

"Buoyed by the boom? Household expenditure among Indonesian palm oil producers" (Job market paper)

"The commodity boom and regional inequality in Indonesia"

"The transfer problem in remittance-dependent countries"

Work in progress

"Cryptocurrencies and trade," book chapter in *Economics of Cryptocurrencies*, expected 2020

"Services offshoring and import competition: Do U.S. workers lose?"

Fellowships and Grants

BRICs and Mortarboards: Preparing for the New International Agricultural Economy, US National Institute for Food and Agriculture, National Needs Fellowship Program. Awarded for tuition, stipend, and research travel — 2013-18

Student Research Grant, Research Travel Award, University of Wisconsin-Madison. Awarded for research travel to Indonesia — Summer 2017

Research Experience

Visiting scholar in the Faculty of Economics at Universitas Padjadjaran (UNPAD) in Bandung, Indonesia — December 2016 to January 2017

Graduate Research Assistant, Dan Bromley, Professor Emeritus at UW-Madison, Agricultural and Applied Economics — 2015-16

Teaching Experience

Senior Graduate Teaching Assistant, World Hunger and Malnutrition (AAE 350) with Dr. Julie Thurlow and Dr. Kyle Stiegert — Spring 2017

Graduate Teaching Assistant, World Hunger and Malnutrition (AAE 350) with Dr. Julie Thurlow and Dr. Kyle Stiegert — Spring 2016

Graduate Teaching Assistant, Growth and Development of Nations in the Global Economy (AAE 374) with Dr. Jean-Paul Chavas — Fall 2015

Graduate Teaching Assistant, Applied Microeconomic Theory (AAE 635 Master's level) with Dr. Guanming Shi — Fall 2014

Conferences and Presentations

Development Workshop, University of Wisconsin-Madison, Department of Agricultural and Applied Economics — November 16, 2017

Forum Kajian Pembangunan (seminar series) hosted by SMERU Research Institute in Jakarta, Indonesia — October 26, 2017

Forum Kajian Pembangunan hosted by the Australian National University Indonesia Project at University of Indonesia in Jakarta — January 11, 2017

Brownbag Seminar for faculty and students in the Faculty of Economics at Universitas Padjadjaran in Bandung, Indonesia — January 6, 2017

Development Workshop, University of Wisconsin-Madison, Department of Agricultural and Applied Economics — December 1, 2016

Languages

English (native), Mandarin Chinese (advanced), French (basic)

Leadership

Graduate Committee Representative: responsible for communicating with students and faculty and presenting student viewpoints on matters of mutual concern and interest to both students and faculty — 2017-18

Taylor Hibbard Club Social Chair: organized and planned departmental social events — 2015-16

Skills

Statistical packages: Stata, Matlab, R

Software: ArcGIS, LaTex, Microsoft Office

Mathematics: Applied econometric methods, optimization, general equilibrium modeling

Citizenship

United States of America

April 19, 2019

To the committee for the CRIW Summer Institute Fellowship:

As Allison Derrick's second-line supervisor, I am writing in support of her application for a 2019 CRIW Summer Institute Fellowship. Ms. Derrick started working as a research economist at the Bureau of Economic Analysis in August of last year, and I have had the pleasure of working with her since that time. I believe that she would be an excellent selection for the Fellowship. In her time at BEA, she has shown a strong devotion to the Bureau's mission, a preference for the most challenging research topics, and an exceptional level of curiosity and creativity. Together these attributes have allowed her to reach a level of productivity that is rarely seen in someone with so short a tenure.

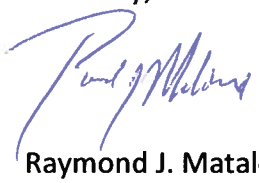
Her intellectual curiosity and tendency to push the boundaries is evident in the disciplinary and geographic scope of her training. She graduated Cum Laude with a B.A. in economics, along with minors in Asian Studies and Middle East Peace Studies. She then went on to earn a master's degree and a doctorate in economics. As an undergraduate student, she chose study abroad opportunities in Botswana, Central China, and India over less-challenging environments that she could have chosen. As a doctoral candidate, she spent several months in Indonesia working on her dissertation, conducting field research and presenting her research to Indonesian scholars and government officials.

Ms. Derrick's preference for the most challenging research topics is evident in her current projects. She is drafting a chapter entitled "Cryptocurrencies and Trade" for the forthcoming book entitled *Economics of Cryptocurrencies*, edited by J. Mark Munoz and Michael Frenkel. She is also working with a former professor and dissertation advisor on a proposal to use BEA microdata on U.S. multinationals to better understand how knowledge is shared, and where its value is captured, across units in different countries. The knowledge that she gains in these projects will advance the Bureau's objective to better understand and measure economic

activity related to cryptocurrency and intangible assets. These projects also demonstrate her desire to engage in the dialog between statistical agencies and academia. For these reasons, I believe that her attendance of the CRIW summer institute would help her see new possibilities for her current research and for her long-term professional development.

I strongly recommend Ms. Derrick for the Summer Institute Fellowship.

Sincerely,



Raymond J. Mataloni Jr.
Assistant Division Chief for Research and Analysis
Balance of Payments Division