

## CURRICULUM VITAE

### EDUCATION

University of Kansas, Lawrence 2007 – 2012 (expected)

PhD in Economics

Australian National University, Canberra 2005

Master of International and Development Economics

University of Indonesia, Jakarta 2002

Bachelor of Science in Economics

### RESEARCH SPECIALIZATIONS

Macroeconomics, Econometrics, Monetary Theory, Financial Economics

### WORKING PAPERS

1. Estimated Nonlinear Phillips Curve in A Nonlinear DSGE Model (Job market paper)

Abstract: This paper estimates the nonlinear New Keynesian Phillips Curve (NKPC) for US within a small scale DSGE model that is solved up to the second order approximation. Bayesian particle filter is used to simulate and estimate the model. The nonlinear NKPC better accommodates short term sharp turns of the dynamic in the economy. It also features as having different impulse responses that conditional on high or low inflation rate to begin with. As a result, the relationship between inflation, its inertia, the expected inflation and the output gap is more consistent with the theory suggested by the model.

2. Evaluating Core Inflation Measures Using A DSGE Model

Abstract: Given many proposals on how to measure the core inflation, it is essential to know the differences between them, particularly measures that are the most effective. This paper evaluates the core inflation measures by directly incorporating them into a dynamic general equilibrium model. Using the latest version of the New Keynesian model, it is shown that the model that targets the trimmed-mean PCE produces the higher maximum likelihood than the one that targets a fixed inflation rate.

3. Using Sequential MCMC Filter to Estimate the Nonlinear Value-at-Risk (VaR)

Abstract: The Great Recession has stirred up debate about risk management practices. Value-at-Risk (VaR) often blamed for imprudent excessive risk taking leading up to the crisis. It is argued that VaR based potential loss calculation is based on the assumption of normality of the shocks. In reality, shocks distribution often features a highly kurtotic with a lot of outliers. VaR will be more accurately representing the real risks if such distribution is used in the calculation.

## Febrio Kacaribu

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### CONFERENCE PRESENTATION

Missouri Economics Conference, Columbia, MO, USA 2007  
International Conference on Stochastic Finance, Lisbon, Portugal, 2005

### WORKING EXPERIENCE

#### TEACHING

The University of Kansas, Department of Economics, Lawrence, KS, 2009 – now

**Instructor**            **Money and Banking** (Fall 2010, Fall 2011, Spring 2012)  
Upper division undergraduate course for Economics or Business major  
**International Finance** (Spring 2011)  
Upper division undergraduate course for Economics or Business major  
**Principles of Macroeconomics** (Summer 2010, Summer 2011)  
Lower division undergraduate course for Liberal Arts students

**Teaching Assistant**   **Macroeconomics II** (Fall 2011)  
PhD course taught by Prof. William A. Barnett  
**Principles of Macroeconomics** (Spring 2010)  
Lower division undergraduate course taught by Dr. Cary Morris  
**Principles of Microeconomics** (Spring 2009, Fall 2009)  
Lower division undergraduate course each taught by Prof. Neal Becker and Prof. Gautam Bhattacharya

#### Departmental Service

Founder/Instructor, **Computational Macroeconomics Workshop**, 2012 (scheduled)

*There is no Computational Macroeconomics course offered at the Department of Economics, University of Kansas. This workshop is designed for 2<sup>nd</sup> and 3<sup>rd</sup> year PhD students to help them exploring this particular field for their future research.*

**Graduate Representative**, 2010 – 2011

University of Indonesia, Department of Economics, Jakarta, 2005 – 2007

**Lecturer**            Introductory Macroeconomics (taught in English, 2 semesters)  
Introductory Microeconomics (taught in English, 2 semesters)  
Money and Banking (taught in Bahasa Indonesia, 2 semesters)

**Teaching Assistant**   Graduate Econometrics (taught in English, 1 semester)

The Australian National University, Crawford School of Economics & Government, Canberra, 2005

**Graduate Tutor**            Graduate Econometrics (1 semester)

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### CONSULTING

#### Institute for Economic and Social Studies, University of Indonesia, Jakarta, 2005 – 2007

##### **Researcher**

The Cost of Moving Goods: Road Transportation, Regulations and Charges in Indonesia, **The Asia Foundation and The World Bank**, Jakarta, 2006  
*as Researcher and Proposal Writer*

Rural Investment Climate in Indonesia, **The World Bank**, Jakarta, 2005  
*as Researcher*

Fiscal Risk Management of Government Guaranteed Infrastructure Projects: Case Study on PLN and Inner City Toll Road, **Indonesia Finance Ministry**, Jakarta, 2006  
*as Researcher and Proposal Writer*

Role of the Domestic Capital Markets for Private Provision of Infrastructure Financing in Indonesia, **Indonesia Coordinating Ministry of Economic Affairs**, Jakarta, 2005  
*as Researcher*

Economic Study for Fuel Subsidy Audit, **PT. Pertamina** (Indonesian State Owned Oil Company), Jakarta, 2005, *as Researcher*

#### Asia Now Consulting, Singapore, 2004 – 2007

##### **Associate**

Market Entry Strategy of CVX to Sumatra Industrial Diesel Market, Chevron Texaco, Singapore, 2006  
*as Project Manager and Proposal Writer*

Market Study on Chevron's Market Share Attrition in Philippine's Lubes Market, Chevron Texaco, Manila, 2005  
*as Consultant*

Market Study on Downstream Sector of Oil in Indonesia, Chevron Texaco, Singapore, 2004  
*as Consultant*

### FELLOWSHIPS/GRANTS

- Tanoto Foundation Fellowship (2007-2008), \$40,000
- Faculty of Economics – University of Indonesia Fellowship (2007-2008), \$10,000
- Australian Development Scholarship (2003-2005), A\$55,000
- Conference Travel Support, Department of Economics, University of Kansas, 2007, \$300
- Conference Travel Grant, Department of Economics, University of Indonesia, 2004, \$2,000

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\* Dissertation Chair