

**SEUNGHWA RHO**

Modern Languages Building, 405A  
Quantitative Theory and Methods  
Emory University

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**EMPLOYMENT**

Lecturer	Department of Quantitative Theory and Methods, Emory University	Dec 2018 – present
Economist	Amazon, Berlin, Germany	Nov 2017 – Oct 2018
Assistant Professor	Department of Economics, Louisiana State University	Aug 2013 – May 2017

**EDUCATION**

Ph.D.	Economics	Michigan State University, East Lansing, MI	December 2013
M.A.	Economics	Duke University, Durham, NC	May 2008
B.S.	Computer Science	Yonsei University, Seoul, Korea	June 2004

**FIELDS OF SPECIALIZATION**

Econometrics, HAR inference in time series, Stochastic frontier model

**PUBLICATIONS**

“Time Variation in the Persistence of Unemployment over the Past Century”  
(with Dooyeon Cho), *Economics Letters*, vol. 182, 19–22, 2019

“Long Memory, Realized Volatility and Heterogeneous Autoregressive Models” (with Richard T. Baillie, Fabio Calonaci, and Dooyeon Cho), *Journal of Time Series Analysis*, vol. 40, 609–628, 2019

“Heteroskedasticity Autocorrelation Robust Inference in Time Series Regressions with Missing Data”  
(with Timothy J. Vogelsang), *Econometric Theory*, vol. 35, 601–629, 2019

“Are All Firms Inefficient?” (with Peter J. Schmidt), *Journal of Productivity Analysis*, vol. 43, 327–349, 2015

**WORKING PAPERS**

“Inference in Time Series Models using Smoothed Clustered Standard Errors” (with Timothy J. Vogelsang)

“On Asymmetric Volatility Effects in Currency Markets” (with Dooyeon Cho)

**PRESENTATIONS**

“Serial Correlation Robust Inference with Missing Data”

NBER/NSF Time Series Conference	September 2014
Asian Meeting of the Econometric Society	June 2014
Society for Nonlinear Dynamics and Econometrics	April 2014
The Econometric Society Australasian Meeting, Melbourne, Australia	July 2012
Econometrics Seminar, Department of Economics, Michigan State University	April 2012

“Are All Firms Inefficient?”

Econometrics Seminar, Department of Economics, Michigan State University	November 2012
Red Cedar Conference, Department of Economics, Michigan State University	April 2011

## FELLOWSHIPS AND AWARDS

Excellence In Teaching Award, Louisiana State University	Spring 2016
Graduate Office Fellowship, Michigan State University	Summer 2012
Graduate Assistantship, Michigan State University	Fall 2009 – Fall 2012
Summer Fellowship, Michigan State University	Summer 2009
Scholarship, Yonsei University	1999/2002

## TEACHING

QTM Undergraduate level
(1) Regression Analysis, (2) Generalized Linear Model, (3) Machine Learning & Causal Analysis
LSU Graduate level
(1) Microeconometrics, (2) Applied Econometrics
LSU Undergraduate level
(1) Introduction to Econometrics, (2) Introduction to Microeconomics

## DEPARTMENT SERVICE

Acting Director of Undergraduate Studies	Fall 2019-
QTM Fellowship Director	Fall 2019-
Advising Committee	Fall 2019-

## PROFESSIONAL ACTIVITIES

Referee for *Econometric Reviews*, *Canadian Journal of Agricultural Economics*

## COMPUTER SKILLS

GAUSS, STATA, MATLAB, R, Mathematica, L<sup>A</sup>T<sub>E</sub>X

## REFERENCES

### **Peter J. Schmidt**

University Distinguished Professor  
Department of Economics  
Michigan State University  
Phone: (517) 355-8381  
Email: schmidtp@msu.edu

### **Timothy J. Vogelsang**

Frederick S. Addy Distinguished Professor  
Department of Economics  
Michigan State University  
Phone: (517) 353-4582  
Email: tjv@msu.edu

### **Carter Hill**

Emeritus Professor of Econometrics  
Department of Economics  
Louisiana State University  
Phone: (225) 578-1490  
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