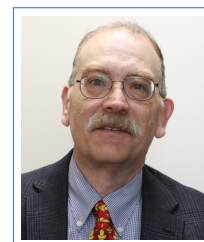


Kerk L. Phillips

Curriculum Vitae

as of February 8, 2019



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Github **[https://github.com/kerkphil.](https://github.com/kerkphil)**

Fields and Interests

Computational Macroeconomics.
Fiscal Policy Modeling Analysis.
Open Economy Macroeconomics.
Economic Growth and Cycles.
Asian Economies.

Education

1991 **Ph.D. Economics**, *The University of Rochester.*

1990 **M.A. Economics**, *The University of Rochester.*

1986 **B.A. Economics and Asian Studies**, *Brigham Young University.*

Languages

English **Native.**

Korean **Advanced**, *Con conversationally fluent.*

Mandarin **Intermediate**, *Basic conversation.*

Spanish **Basic**, *Basic words and phrases.*

Computer skills

Basic	FORTTRAN, JULIA
Intermediate	Git, Linux, Photoshop
Advanced	PYTHON, MATLAB, L ^A T _E X, Microsoft Office

Experience

Employment and Appointments

- 2018–Present **Principal Analyst**, *Congressional Budget Office*, Washington, DC.
- 1992–2018 **Assistant / Associate Professor of Economics**, *Department of Economics, Brigham Young University*, Provo, UT.
- 2014–2016 **Affiliated Economist**, *Open Source Policy Center*, Washington, DC.
- 2005–2015 **Adjunct Summer Professor**, *Korea University International Summer Campus*, Seoul, Korea.
- 2011–2013 **Economics Columnist**, *Deseret News*, Salt Lake City, UT.
- 2004 **Senior Economist**, *Joint Economic Committee of the U.S. Congress*, Washington, DC.
- 2000–2001 **Visiting Professor of Economics**, *Hopkins-Nanjing Center, Nanjing University*, Nanjing, China.
- 1991–1992 **Assistant Professor of Business Economics and International Business**, *School of Business Administration, University of Michigan*, Ann Arbor, MI.

Service and Professional Experience

- 2012–2016 **Co-coordinator (with Richard W. Evans)**, *BYU Macroeconomics and Computational Lab, Brigham Young University*, Provo, UT.
- 2007–2011 **Coordinator**, *International Relations major, Brigham Young University*, Provo, UT.

Classes Taught

- 1989–2018 **Intermediate Macroeconomics**, *Brigham Young University, Korea University, Nanjing University, University of Michigan, University of Rochester*, undergraduate.
- 1991–2017 **International Monetary Theory**, *Brigham Young University, Nanjing University, University of Rochester*, undergraduate.
- 2006–2017 **Advanced Macroeconomics**, *Brigham Young University*, undergraduate.
- 2010–2017 **Economic Growth**, *Brigham Young University*, undergraduate.
- 2012–2017 **Computational Macroeconomics**, *Brigham Young University, University of Chicago*, undergraduate, selected lectures only.
- 1997–2013 **Money and Banking**, *Korea University, Brigham Young University*, undergraduate.
- 1990–2012 **Principles of Economics**, *Brigham Young University, Nanjing University*, undergraduate.
- 2005–2007 **Principles of Macroeconomics**, *Korea University*, undergraduate.
- 1994–2006 **International Economics**, *Brigham Young University*, undergraduate.
- 1995–2006 **International Trade Theory**, *Brigham Young University, Nanjing University*, undergraduate.
- 1992 **Open Economy Macroeconomics**, *University of Michigan*, graduate.

Publications

Jason DeBacker, Richard W. Evans, and Kerk L. Phillips. Integrating microsimulation models of tax policy into a DGE macroeconomic model. *Public Finance Review*, 47(2):207–275, 2019.

James H. Cardon, Eric R. Eide, Kerk L. Phillips, and Mark H. Showalter. Interacting circadian and homeostatic processes with opportunity cost: A mathematical model of sleep with application to two mammalian species. *PLOS ONE*, 13(12), 2018.

James H. Cardon, Eric R. Eide, Kerk L. Phillips, and Mark H. Showalter. A model of sleep, leisure and work over the business cycle. *Journal of Economic Dynamics and Control*, 95:19–36, 2018.

Richard W. Evans and Kerk L. Phillips. Advantages of an ellipse when modeling leisure utility. *Computational Economics*, 51(3):513–533, 2018.

Kerk L. Phillips. Heterogeneous utility from a representative agent model: Immigrants vs non-immigrants. *Journal of Economic Studies*, accepted, 2018.

Scott S. Condie, Richard W. Evans, and Kerk L. Phillips. Natural limits of wealth inequality and the effectiveness of tax policy. *Public Finance Review*, 47(1):32–57, 2017.

Kerk L. Phillips. Solving and simulating an unbalanced growth model using linearization about the current state. *Economics Letters*, 151:35–38, 2017.

Scott S. Condie and Kerk L. Phillips. Can irrational investors survive in the long-run?: The role of generational type transmission. *Economics Letters*, 139:40–42, 2016.

Bryan Perry, Kerk L. Phillips, and Dave E. Spencer. Real wages and monetary policy: A DSGE approach. *Journal of Economic Studies*, 42(5):734 – 752, 2015.

Bryan Perry, Kerk L. Phillips, and Dave E. Spencer. State-level variation in the real wage response to monetary policy,. *Annals of Economics and Finance*, 16(1):1–17, 2015.

Kerk L. Phillips. How non-traded goods may generate quasi-quadratic costs for capital adjustment. *Economics Letters*, 127:24–26, 2015.

Richard W. Evans and Kerk L. Phillips. OLG life cycle models: New solution methods and applications. *Computational Economics*, 43(1):105–131, 2014.

Ryne Belliston, Scott C. Bradford, and Kerk L. Phillips. *The Attraction of Korean Unification*, chapter Costs and Benefits of Korean Unification: Inter-Korean Dimension, pages 27 – 157. Korea Institute for National Unification, 2013.

Ryne Belliston, Scott C. Bradford, and Kerk L. Phillips. *Expectations for the Future of Korean Unification and its Four Neighboring Countries*, chapter Costs and Benefits of Korean Unification: The North-South Relations Dimension (in Korean), pages 15–47. Korea Institute for National Unification, 2013.

Richard W. Evans, Laurence J. Kotlikoff, and Kerk L. Phillips. *Fiscal Policy after the Financial Crisis*, chapter Game Over - Simulating Unsustainable Fiscal Policy, pages 177–210. University of Chicago Press, 2013.

Stephen Norman and Kerk L. Phillips. What is the shape of real exchange rate nonlinearity? *Applied Financial Economics*, vol. 23 no. 5 (2013) pp.23(5):363–375, 2013.

Kerk L. Phillips. A dynamic general equilibrium analysis of Korean immigration policy. *Korea and the World Economy*, 13(1):69–98, 2012.

Kerk L. Phillips. Specialization and market development as engines of growth. *Journal of Economic Studies*, 39(5):590–603, 2012.

Kerk L. Phillips and Renee Barlow. *Research in Economic Anthropology: Political Economy, Neoliberalism, and the Prehistoric Economies of Latin America*, chapter Simple Financial Economic Models of Fremont Maize Storage and an Assessment of External Threat, pages 109–129. Emerald Group Publishing Limited, 2012.

Dong jin Kim, Scott Bradford, and Kerk L. Phillips. Potential economic reforms in North Korea. *Journal of Economic Policy Reform*, 14(4):321–332, 2011.

Kerk L. Phillips and Baizhu Chen. Regional growth in China: An empirical investigation using multiple imputation and province-level panel data. *Research in Economics*, 65(3):243–253, 2011.

Kerk L. Phillips and David E. Spencer. Bootstrapping structural vars: Avoiding a potential bias in error bands of impulse response functions. *Journal of Macroeconomics*, 33(4):582–594, 2011.

Kerk L. Phillips. Book review - The economic integration of greater China: Real and financial linkages and the prospects for currency union. *Journal of Regional Science*, 48(4):842–843, 2008.

Val E. Lambson and Kerk L. Phillips. Schumpeterian growth and R&D ties. *Journal of Economic Behavior and Organization*, 62(1):47–62, 2007.

Kerk L. Phillips and Baizhu Chen. *Private Enterprises and China's Economic Development*, chapter A Panel Data Sensitivity Analysis of Regional Growth in China., pages 126–141. Routledge, 2007.

Kerk L. Phillips and Kunrong Shen. *The Revival of Private Enterprise in China*, chapter Size of the State-Owned Sector and Regional Growth in China, pages 19–32. Ashgate Publishing Ltd., 2007.

Kerk L. Phillips and Jeffrey M. Wrase. Is schumpeterian 'creative destruction' a plausible source of endogenous real business cycle shocks. *Journal of Economic Dynamics and Control*, 30(11):1885–1913, 2006.

Scott C. Bradford and Kerk L. Phillips. A dynamic general equilibrium model of phased Korean reunification. *The Journal of the Korean Economy*, 6(1):27–49, 2005.

Kerk L. Phillips. Korean economic reunification and its likely effects on the utilities industry. *Northeast Asia Energy Focus*, 2(3):18–21, 2005.

Kerk L. Phillips and Baizhu Chen. *Private Enterprises and China's Economic Development (in Chinese)*, chapter China's Regional Economic Growth: Panel Data Sensitivity Analysis (in Chinese), pages 31–44. Peking University Press, 2005.

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Kerk L. Phillips and Karl N. Snow. The forward bias: Is it a money tree? *Economics Letters*, 61(3):373–379, 1998.

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Kerk L. Phillips and Gary M. Woller. Commercial banks and LDC debt reduction. *Contemporary Economic Policy*, 14(2):107–123, 1996.

Kerk L. Phillips and Gary M. Woller. LDC default probabilities and U.S. commercial banks: An empirical investigation. *International Review of Economics and Finance*, 4(4):333–351, 1995.

Kerk L. Phillips. Quality ladders, growth and R&D: An assessment from U.S. industry. *Carnegie-Rochester Conference Series on Public Policy*, 38:239–274, 1993.

Kerk L. Phillips. A two-country model of stochastic output with changes in regime. *Journal of International Economics*, 31(1/2):121–142, 1991.