

**Charles I. Jones**

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**Positions Held**

Professor, Department of Economics, U.C. Berkeley, July 2004 – Present  
Associate Professor, July 2001 – June 2004

Research Associate, National Bureau of Economic Research, May 2002 - Present  
Faculty Research Fellow, National Bureau of Economic Research, 1997 – 2002

Assistant Professor, Department of Economics, Stanford University, July 1993 – June 2001

**Education**

Ph.D., Economics, M.I.T. 1993  
Advisers: Professor Olivier Blanchard and Professor Stanley Fischer  
National Science Foundation Graduate Fellowship, 1989–92

A.B. Summa cum laude, Economics, Harvard University, 1989  
Award, Best Academic Record in Department

**Outside Grants and Fellowships**

National Science Foundation Grant SES-0242000  
“Growth, Capital Shares, and a New Production Function,” 2003 - 2007.

John M. Olin Foundation Faculty Fellow, 2000 – 2001.

Alfred P. Sloan Foundation Research Fellow, 1999 – 2001.

National Science Foundation Grant SBR-9818911  
“Population, Ideas, and Economic Growth,” 1999 – 2002.

National Fellow, Hoover Institution, 1996 – 1997.

National Science Foundation Career Grant SBR-9510916  
“R&D-Based Models of Semi-Endogenous Growth,” 1995 – 1998.

## **Papers and Publications — By Topic**

### **The macroeconomics of health spending**

“The Value of Life and the Rise in Health Spending” (with Robert E. Hall), U.C. Berkeley mimeo, October 18, 2005. Revision requested by the *JPE*.

“Why Have Health Expenditures as a Share of GDP Risen So Much?” U.C. Berkeley mimeo, May 2004.

### **Why do economies grow in the long run?**

“The Steady-State Growth Theorem: Understanding Uzawa (1961)” (with Dean Scrimgeour) U.C. Berkeley mimeo, August 16, 2005.

“The Shape of Production Functions and the Direction of Technical Change” *Quarterly Journal of Economics*, May 2005, Vol. 120 (2), pp. 517-549.

“Growth and Ideas” U.C. Berkeley mimeo, September 1, 2004. Forthcoming in the *Handbook of Economic Growth*.

“Population and Ideas: A Theory of Endogenous Growth” in Aghion, Frydman, Stiglitz, and Woodford (eds.) *Knowledge, Information, and Expectations in Modern Macroeconomics: In Honor of Edmund S. Phelps* (Princeton University Press) 2003.

“Sources of U.S. Economic Growth in a World of Ideas” *American Economic Review*. March 2002, Vol. 92 (1), pp. 220-239.

“Was an Industrial Revolution Inevitable? Economic Growth Over the Very Long Run” *Advances in Macroeconomics*, August 2001, Vol. 1, No. 2, Article 1.

“Growth: With or Without Scale Effects?” *American Economic Review Papers and Proceedings*, May 1999, Vol. 89, pp.139–144.

“R&D-Based Models of Economic Growth” *Journal of Political Economy*, August 1995, Vol. 103, pp. 759–784.

“Time Series Tests of Endogenous Growth Models” *Quarterly Journal of Economics*, May 1995, Vol. 110, pp. 495–525.

### **Why are some countries so much richer than others?**

“The Value of Information in Growth and Development” U.C. Berkeley mimeo, November 2005.

“Why Do Some Countries Produce So Much More Output per Worker than Others?” (with Robert E. Hall). *Quarterly Journal of Economics*, February 1999, Vol. 114, pp. 83–116.

“On the Evolution of the World Income Distribution” *Journal of Economic Perspectives*, Summer 1997, Vol. 11, pp. 19–36.

“Convergence Revisited” *Journal of Economic Growth*, July 1997, Vol. 2, pp. 131–153.

“Levels of Economic Activity across Countries” (with Robert E. Hall), *American Economic Review Papers and Proceedings*, May 1997, Vol. 87, pp.173–177.

“Economic Growth and the Relative Price of Capital” *Journal of Monetary Economics*, December 1994, Vol. 34, pp. 359–382.

### **Is there too much or too little research?**

“Too Much of a Good Thing? The Economics of Investment in R&D” (with John Williams), *Journal of Economic Growth*, March 2000, Vol. 5, No. 1, pp. 65–85.

“Measuring the Social Return to R&D” (with John Williams), *Quarterly Journal of Economics*, November 1998, Vol. 113, pp. 1119–1135.

### **Empirical work on sectoral convergence**

“Comparing Apples to Oranges: Reply” (with Andrew Bernard), *American Economic Review*. September 2001, Vol. 91 (4), pp. 1168–69.

“Comparing Apples to Oranges: Productivity Convergence and Measurement Across Industries and Countries” (with Andrew Bernard), *American Economic Review*, December 1996, Vol. 86, pp. 1216–1238.

“Technology and Convergence” (with Andrew Bernard), *Economic Journal*, July 1996, Vol. 106, pp. 1037–1044.

“Productivity and Convergence Across U.S. States and Industries” (with Andrew Bernard), *Empirical Economics*, March 1996, Vol. 21, pp. 113–135.

“Productivity Across Industries and Countries: Time Series Theory and Evidence” (with Andrew Bernard), *Review of Economics and Statistics*, February 1996, Vol. 78 (1), pp. 135–146.

### **Comments, notes, etc.**

“More Life vs. More Goods: Explaining Rising Health Expenditures” Federal Reserve Bank of San Francisco *Economic Letter* 2005-10; May 27, 2005.

“The Fiscal Problem of the 21st Century” Federal Reserve Bank of San Francisco *Economic Letter* 2003-27, September 19, 2003.

“Human Capital, Ideas, and Economic Growth” in Paganetto, L. and E.S. Phelps (ed.) *Finance, Research, Education, and Growth* (New York: Palgrave) 2003.

“Comment on Dowrick-DeLong, ‘Globalisation and Convergence’” in Bordo, M., Taylor, A. and J. Williamson (eds.) *Globalization in Historical Perspective* (NBER, University of Chicago Press) 2003.

“Using Chain-Weighted NIPA Data” Federal Reserve Bank of San Francisco *Economic Letter* 2002-22, August 2, 2002.

“The Economic Return to Health Expenditures” Federal Reserve Bank of San Francisco *Economic Letter* 2001-36, December 14, 2001.

“The Future of the New Economy” Federal Reserve Bank of San Francisco *Economic Letter* 2001-14, May 11, 2001.

“Comment on Nazrul Islam, ‘Different Approaches to International Comparisons of Total Factor Productivity’” in C.R. Hulten, E.R. Dean, and M.J. Harper (eds.) *New Developments in Productivity Analysis* (NBER, University of Chicago Press) 2001.

“Comment on Rodriguez-Rodrik, ‘Trade Policy and Economic Growth: A Skeptic’s Guide to the Cross-National Evidence’”. *NBER Macroeconomics Annual 2000* (MIT Press).

“A Note on the Closed-Form Solution of the Solow Model” Stanford mimeo, January 2000.

“Comment on Klenow-Rodriguez, ‘The Neoclassical Growth Revival: Has it Gone too Far?’ ” *NBER Macroeconomics Annual 1997* (Cambridge, MA: MIT Press).

## **Books**

*Introduction to Economic Growth* (W.W. Norton and Company, 2002 Second Edition). First edition, 1998, in Chinese, English, French, Japanese, Portuguese, and Spanish.

## **Professional Activities**

Co-editor, *The B.E. Journals in Macroeconomics*, [www.bepress.com/bejm](http://www.bepress.com/bejm), 2000 – present.

Associate Editor, *Quarterly Journal of Economics*, 1999 – present.

Associate Editor, *Journal of Economic Growth*, 1998 – present.

Co-organizer with Pete Klenow of NBER Economic Fluctuations and Growth small group on economic growth, 1997 – present.

Research Fellow, Hong Kong Institute of Monetary Research, Summer 2005.

Visiting Scholar, Federal Reserve Bank of San Francisco, 2000 - present.

Referee for *American Economic Review*, *Econometrica*, *Economic Journal*, *European Economic Review*, *Journal of Economic Dynamics and Control*, *Journal of Economic Growth*, *Journal of Monetary Economics*, *Journal of Money, Credit, and Banking*, *Journal of Political Economy*, *National Science Foundation*, *Quarterly Journal of Economics*, *Review of Economic Studies*, *Review of Economics and Statistics*.