

# Douglas Hanley

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| EMPLOYMENT           | Assistant Professor, Department of Economics, University of Pittsburgh,<br>2014-Present  |
| EDUCATION            | Ph.D., Economics, University of Pennsylvania, 2014<br><br>B.S., Economics, California Institute of Technology, 2006  |
| RESEARCH INTERESTS   | Macroeconomics, Technological Change, Computational Methods,<br>Climate Economics  |
| PUBLICATIONS         | Transition to Clean Technology (with Daron Acemoglu, Ufuk Akcigit,<br>and William Kerr)<br><i>Journal of Political of Economy</i>  |
| WORKING PAPERS       | Innovation, Technological Interdependence, and Economic Growth<br><br>Optimal Taxation and R&D Policies (with Ufuk Akcigit and Stefanie<br>Stantcheva)<br><br>Back to Basics: Basic Research Spillovers, Innovation Policy and Growth<br>(with Ufuk Akcigit and Nicolas Serrano-Velarde)<br><i>NBER Working Paper #19473</i> |
| RESEARCH IN PROGRESS | The Effect of Wikipedia on Scientific Progress (with Neil Thompson)<br><br>International Competition in the Race to Clean Technology (with<br>Chengying Luo)<br><br>Firm Clustering Using Machine Learning (with Tamara Broderick,<br>Trevor Campbell, Jeffrey Kuhn, and Neil Thompson)                                      |
| TEACHING             | Graduate: Computational Methods in Economics<br><br>Undergraduate: Intermediate Macroeconomics, Intermediate<br>Microeconomics   |

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SEMINARS AND  
CONFERENCES

2015: U of Hong Kong, Sogang U, IIES (Stockholm), Firm and Technology Dynamics: A Global Perspective (Nottingham), Barcelona GSE Summer Forum, Mini Conference on Economic Growth (Chicago)

2014: U of Toronto, USC (Marshall), U of Pittsburgh, U of North Carolina (Chapel Hill), CREI

2010-2013: Penn Money Macro Workshop, Society for Economic Dynamics Annual Meeting, Midwest Macroeconomic Meetings, Penn Money Macro Club, International Industrial Organization Conference

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REFEREEING SERVICE

American Economic Review, Econometrica, Journal of Monetary Economics, European Economic Review, American Economic Journal: Macroeconomics, International Economic Review, Macroeconomic Dynamics, Review of Economic Dynamics, Journal of Comparative Economics, Journal of the European Economic Association, Journal of Mathematical Economics, Journal of Development Economics, Review of Economics and Statistics

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OTHER EMPLOYMENT

Research Assistant, MIT, 2010-2013  
Research Assistant, Caltech, 2005-2006  
Research Assistant, CITA, Summer 2004  
Software Developer, Cyplex Inc, 2006-2007  
Software Developer, Lycoris Corp, Summer 2003  
Software Developer, KDE Group, 2001-2002

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