Context Matters: Institutions and Entrepreneurship

Context Matters: Institutions and Entrepreneurship

Peter J. Boettke

George Mason University
Fairfax, VA 22030
USA
pboettke@gmu.edu

Christopher J. Coyne

West Virginia University Morgantown, WV 26505 USA chris.coyne@mail.wvu.edu



Boston - Delft

Foundations and Trends[®] in Entrepreneurship

Published, sold and distributed by: now Publishers Inc. PO Box 1024 Hanover, MA 02339 USA Tel. +1-781-985-4510 www.nowpublishers.com sales@nowpublishers.com

Outside North America: now Publishers Inc. PO Box 179 2600 AD Delft The Netherlands Tel. +31-6-51115274

The preferred citation for this publication is P. J. Boettke and C. J. Coyne, Context Matters: Institutions and Entrepreneurship, Foundations and Trends in Entrepreneurship, vol 5, no 3, pp 135–209, 2009

ISBN: 978-1-60198-207-0© 2009 P. J. Boettke and C. J. Coyne

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, mechanical, photocopying, recording or otherwise, without prior written permission of the publishers.

Photocopying. In the USA: This journal is registered at the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923. Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by now Publishers Inc for users registered with the Copyright Clearance Center (CCC). The 'services' for users can be found on the internet at: www.copyright.com

For those organizations that have been granted a photocopy license, a separate system of payment has been arranged. Authorization does not extend to other kinds of copying, such as that for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. In the rest of the world: Permission to photocopy must be obtained from the copyright owner. Please apply to now Publishers Inc., PO Box 1024, Hanover, MA 02339, USA; Tel. +1-781-871-0245; www.nowpublishers.com; sales@nowpublishers.com

now Publishers Inc. has an exclusive license to publish this material worldwide. Permission to use this content must be obtained from the copyright license holder. Please apply to now Publishers, PO Box 179, 2600 AD Delft, The Netherlands, www.nowpublishers.com; e-mail: sales@nowpublishers.com

Foundations and Trends[®] in Entrepreneurship

Volume 5 Issue 3, 2009

Editorial Board

Editors-in-Chief:

Zoltan J. Acs

George Mason University zacs@qmu.edu

David B. Audretsch

Max Planck Institut audretsch@mpiew-jena.mpg.de Indiana University daudrets@indiana.edu

Editors

Howard Aldrich, University of North Carolina

Sharon Alvarez, Ohio State University

Mark Casson, University of Reading

Per Davidsson, Queensland University of Technology

William B. Gartner, Clemson University

Sharon Gifford, Rutgers University

Magnus Henrekson, The Research Institute of Industrial Economics

Michael A. Hitt, Texas A&M University

Joshua Lerner, Harvard University

Simon Parker, University of Durham

Paul Reynolds, Florida International University

Kelly G. Shaver, College of William and Mary

David Storey, University of Warwick

Patricia Thornton, Duke University

Roy Thurik, Erasmus University

Gregory Udell, Indiana University

Sankaran Venkataraman, Batten Institute

Paul Westhead, Nottingham University Business School

Shaker Zahra, University of Minnesota

Editorial Scope

Foundations and Trends[®] in Entrepreneurship will publish survey and tutorial articles in the following topics:

- Nascent and start-up entrepreneurs
- Opportunity recognition
- New venture creation process
- Business formation
- Firm ownership
- Market value and firm growth
- Franchising
- Managerial characteristics and behavior of entrepreneurs
- Strategic alliances and networks
- Government programs and public policy
- Gender and ethnicity
- New business financing:

- Business angels
- Bank financing, debt, and trade credit
- Venture capital and private equity capital
- Public equity and IPO's
- Family-owned firms
- Management structure, governance and performance
- Corporate entrepreneurship
- High technology
- Technology-based new firms
- High-tech clusters
- Small business and economic growth

Information for Librarians

Foundations and Trends[®] in Entrepreneurship, 2009, Volume 5, 8 issues. ISSN paper version 1551-3114. ISSN online version 1551-3122. Also available as a combined paper and online subscription.

Foundations and Trends in Entrepreneurship Vol. 5, No. 3 (2009) 135–209 © 2009 P. J. Boettke and C. J. Coyne DOI: 10.1561/0300000018



Context Matters: Institutions and Entrepreneurship*

Peter J. Boettke¹ and Christopher J. Coyne²

- Department of Economics, George Mason University, Fairfax, VA 22030, phoettke@qmu.edu
- ² Department of Economics, West Virginia University, Morgantown, WV 26505, chris.coyne@mail.wvu.edu

Abstract

This survey explores the important connection between institutions and entrepreneurship. Institutions consist of the formal and informal "rules of the game." Entrepreneurs act within a context determined by these rules. The rules of the game create payoffs that make certain entrepreneurial opportunities more attractive than others. We explore the relevant literature from institutional economics and entrepreneurial studies, focusing on the important link between the two. Particular emphasis is placed on entrepreneurship within several different institutional settings — private for-profit, private nonprofit, and political — as well as the impact of entrepreneurship on institutions. We conclude by discussing the implications for future research on the topic.

^{*}We would like to thank the editors and an anonymous referee for detailed comments and suggestions. We would also like to thank Zac Rolnik for his patience and assistance throughout the process of preparing and revising this survey. Earlier versions of this survey were presented at the Mason Entrepreneurship Research Conference (MERC) Annual Conference, George Mason University, Fairfax, VA, March 28, 2008 and at the IHS Social Change Workshop, Brown University, Providence, RI, June 23, 2008. We would like to thank the participants for their comments and suggestions.

Contents

1	Introduction	1
2	What Are Institutions?	5
2.1	Institutions Defined	5
2.2	A History of Institutions in Economics	9
2.3	Four Views on the Emergence of Institutions	16
3	How Institutions Matter for Economic Outcomes	23
3.1	Institutions, Exchange and the Extended Order	23
3.2	Entrepreneurship: Productive, Unproductive,	
	Destructive, and Evasive	26
3.3	Socialism, Private Property, and Economic Calculation	31
4	Social Entrepreneurship	39
4.1	What is Social Entrepreneurship?	39
4.2	Existing Literature on Social Entrepreneurship	40
4.3	Social Entrepreneurship and Economic Calculation	43
5	Political Entrepreneurship	49
5.1	What is Political Entrepreneurship?	49
5.2	Existing Literature on Political Entrepreneurship	50
5.3	Political Entrepreneurship and Economic Calculation	52

Full text available at: http://dx.doi.org/10.1561/0300000018

6 Institutional Entrepreneurship	55
6.1 What is Institutional Entrepreneurship?	55
6.2 Existing Literature on Institutional Entrepreneurship	57
6.3 Institutional Entrepreneurship and Economic Calculation	59
7 Conclusion — Areas for Future Research	61
References	65

1

Introduction

This survey aims to analyze the connection between entrepreneurship and institutions. Our goal is to provide a discussion of the literature on institutions in economics, develop the argument on the relationship between institutions and entrepreneurship and to apply this logic to a variety of entrepreneurial settings — private for-profit, private non-profit, and political. In addition to exploring entrepreneurship within several institutional settings, we also consider entrepreneurship on institutional arrangements. We end with a discussion of the implications for future research.

Entrepreneurship manifests itself in a variety of ways (see Parker (2005)). Buying low and selling high, the discovery and diffusion of lower cost technologies in production, the introduction of new products, learning how to better deliver goods and services to customers at lower cost, and the creation of new opportunities to alert potential buyers to the availability and desirability of new products are all entrepreneurial acts in the marketplace. There are numerous other examples of productive and wealth-enhancing arbitrage and innovation. For our purposes, the defining characteristic of entrepreneurship is that the entrepreneur seeks to better his own situation by engaging in beneficial exchange with others.

2 Introduction

Entrepreneurial opportunities and activities differ significantly across societies. These differences are one important factor in the varying levels of wealth and prosperity across societies and nations (see van Praag and Versloot (2007)). One explanation for these differences is purely cultural (see Harrison (2006)). Specifically, it might be argued that some cultures are lacking in "entrepreneurial spirit." From an economist's standpoint, this explanation is incomplete and unsatisfactory. Focusing on purely cultural explanations neglects the alternative, that individuals act purposefully to better their position. Of course, what individuals perceive as bettering themselves varies from place to place, but this does not neglect the fact that people act in a purposeful manner to achieve their desired ends. A key aspect of acting purposefully is responding to changes in relative costs and benefits. Given this, an alternative to the purely cultural explanation for differences in entrepreneurship focuses on the institutional context in which individuals act. The institutional alternative takes a broader approach and includes not only culture, or "informal institutions," but also formal institutions as well (see Shirley (2005, 2008)).

For the purposes of this survey, we define institutions as both the formal and informal rules governing human behavior (see North (1990, 1991)). Because of the role of institutions as the "rules of the game," a detailed examination of the institutional context is one important element of understanding the role of entrepreneurship in economic life. Institutional explanations for differences in entrepreneurship are more complete than cultural explanations because they recognize the importance of culture, which is considered one type of informal institution, while also recognizing the role of other informal and formal institutions.

We focus on the importance of productive entrepreneurship as a central catalyst of economic development and growth. Further, we take as given that entrepreneurs are present in all societies across time and space (see Baumol (2002) and Koppl (2007)). Individuals will be entrepreneurial in the sense they will employ their ingenuity to improve their position in life. Indeed, innovation has been a strong driving force in the survival and success of the human race over the course of its evolution and consequently that disposition is arguably present in all societies (see Seabright (2005) and Field (2007)). An African

3

tribesman, a European peasant, or an American farmer are all acting entrepreneurially when they pursue opportunities to better their personal circumstances through beneficial exchange and interaction. It is a human trait to be alert to those things that are in our interest to be alert to. Given this, differences in economic outcomes across societies are not due purely to differences in entrepreneurial spirit, but instead are due to differences in institutions. The institutional environment in which entrepreneurs act, shapes and constrains the opportunities available at any point in time.

Where institutions produce a net benefit to productive opportunities (e.g., arbitrage and innovation) entrepreneurs will exploit those opportunities resulting in the creation of wealth. Likewise, when there is a relatively high benefit to engaging in unproductive activities (e.g., rent-seeking and crime), entrepreneurs will take advantage of those opportunities. Unlike productive activities, unproductive activities result in economic stagnation or decline. In general, institutions shape entrepreneurial opportunities which have real effects on the ability of the economic system to realize the gains from social cooperation under the division of labor.

In the next section, we develop the notion of institutions and provide insight into what this concept entails. We then (Section 3) seek to understand how institutions matter for entrepreneurship and economic development. This is followed by a consideration of "social entrepreneurship" (Section 4) and "political entrepreneurship" (Section 5). In each case, we focus on how institutions influence entrepreneurial behavior in these alternative settings. We then turn to a consideration of the role of "institutional entrepreneurs" (Section 6) and their impact on the formation and evolution of institutions. The conclusion (Section 7) presents some areas for future research.

- Abrahamson, E. and G. Fairchild (2001), 'Knowledge industries and idea entrepreneurs: New dimensions of innovative products, services and organizations'. In: C. B. Schoonhoven and E. Romanelli (eds.): The Entrepreneurship Dynamic: Origins of Entrepreneurship and the Evolution of Industries. Stanford: Stanford University Press, pp. 147–177.
- Acemoglu, D. (2003), 'Why not a political coase theorem? Social conflict, commitment and politics'. *Journal of Comparative Economics* **31**, 620–652.
- Acemoglu, D., S. Johnson, and J. Robinson (2001), 'The colonial origins of comparative development: An empirical investigation'. *American Economic Review* **91**, 1369–1401.
- Acemoglu, D., S. Johnson, and J. Robinson (2002), 'Reversal of fortunes: Geography and institutions in the making of the modern world income distribution'. *Quarterly Journal of Economics* **117**, 1231–1294.
- Acemoglu, D., S. Johnson, and J. Robinson (2005), 'The Rise of Europe: Atlantic trade, institutional change and growth'. *American Economic Review* **95**, 546–579.

- Acemoglu, D. and J. Robinson (2005), *The Economic Origins of Dictatorship and Democracy*. Cambridge: Cambridge University Press.
- Acs, Z. J. (1996), 'Small firms and economic growth'. In: Z. J. Acs,
 B. Carlsson, and R. Thurik (eds.): Small Business in the Modern Economy. Oxford, UK: Blackwell Publishers, pp. 1–62.
- Acs, Z. J. (1999), 'The new american evolution'. In: Z. J. Acs (ed.): Are Small Firms Important? Their Role and Impact. Dordrecht, NL: Kluwer Academic Publishers, pp. 1–20.
- Acs, Z. J. and D. B. Audretsch (2001), The Emergence of the Entrepreneurial Society. Swedish Foundation for Small Business Research, Stockholm.
- Acs, Z. J. and P. Braunerhjelm (2005), 'The entrepreneurship-philanthropy nexus: Implications for internationalization'. *Management International Review* **45**(3), 111–144.
- Acs, Z. J. and S. Desai (2007), 'Democratic capitalism and philanthropy in a global economy'. Working Paper, Center for Entrepreneurship and Public Policy, School of Public Policy, George Mason University.
- Alvord, S. H., L. David Brown, and C. Letts (2004), 'Social entrepreneurship and societal transformation: A exploratory study'. Journal of Applied Behavioral Science 40(3), 260–282.
- Anderson, T. L., B. Benson, and T. F. Flanagan (eds.) (2006), Self-Determination The Other Path for Native Americans. Stanford, CA: Stanford University Press.
- Aron, J. (2000), 'Growth and institutions, A review of the evidence'. The World Bank Research Observer 15(1), 465–490.
- Arrunada, B. (2007), 'Pitfalls to avoid when measuring institutions: Is doing business damaging business?'. *Journal of Comparative Economics* **35**(4), 729–747.
- Audretsch, D. B., M. A. Carree, A. van Stel, and A. Roy Thurik (2000), 'Impeded industrial restructuring: The growth penalty'. Tinbergen Institute Discussion Paper 2000-095/3, Tinbergen Institute.
- Audretsch, D. B. and A. Roy Thurik (1997), 'Sources of growth: The entrepreneurial versus the managed economy'. Tinbergen Institute Discussion Paper TI 97-109/3, Tinbergen Institute.
- Audretsch, D. B. and A. Roy Thurik (2000), 'What's new about the new economy? Sources of growth in the managed and entrepreneurial

- economies'. ERIM Report Series 2000:45, Erasmus University Rotterdam.
- Audretsch, D. B. and A. Roy Thurik (2001), 'Capitalism and democracy in the 21st century: From the managed to the entrepreneurial economy'. In: D. C. Mueller and U. Cantner (eds.): Capitalism and Democracy in the 21st Century. Heidelberg: Physica-Verlag, pp. 23–40.
- Austin, J., H. Stevenson, and J. Wei-Skillern (2006), 'Social and commercial entrepreneurship: Same, different or both?'. *Entrepreneurship Theory and Practice* **30**(1), 1–22.
- Barro, R. J. (1996), 'Democracy and growth'. *Journal of Economic Growth* 1(1), 1–27.
- Barro, R. J. (1997), Determinants of Economic Growth: A Cross-Country Empirical Study. Massachusetts: MIT Press.
- Barro, R. J. and R. McCleary (2003), 'Religion and economic growth across countries'. *American Sociological Review* **68**(5), 760–781.
- Baumol, W. J. (1961), Economic Theory and Operations Analysis. Englewood Cliffs, NJ: Prentice Hall.
- Baumol, W. J. (1990), 'Entrepreneurship: Productive, unproductive and destructive'. *Journal of Political Economy* **98**(5), 893–921.
- Baumol, W. J. (2002), The Free-Market Innovation Machine: Analyzing the Growth Miracle of Capitalism. New Jersey: Princeton University Press.
- Bekkers, R. and P. Wiepking (2008), 'Generosity and philanthropy: A literature review'. Mimeo.
- Bjornskov, C. and N. Foss (2006), 'Economic freedom and entrepreneurial activity: Some cross-country evidence'. Working Paper, Copenhagen Business School.
- Boettke, P. J. (1990), The Political Economy of Soviet Socialism: The Formative Years, 1918 1928. Boston: Kluwer Academic Publishers.
- Boettke, P. J. (1993), Why Perestroika Failed: The Politics and Economics of Socialist Transformation. New York, NY: Routledge.
- Boettke, P. J. (1998), 'Economic calculation: The Austrian contribution to political economy'. Advances in Austrian Economics 5, 131–158.

- Boettke, P. J. (2005), 'Anarchism as a progressive research program in political economy'. In: E. Stringham (ed.): *Anarchy, State and Public Choice*. Cheltenham, US: Edward Elgar Publishing, pp. 206–219.
- Boettke, P. J. and C. J. Coyne (2003). 'Entrepreneurship and development: Cause or consequence?' Advances in Austrian Economics 6, 67–88.
- Boettke, P. J. and C. J. Coyne (2009), 'The political economy of the philanthropic enterprise'. In: G. Shockley, P. Frank, and R. Stough (eds.): *Non-market Entrepreneurship: Interdisciplinary Approaches*. Cheltenham, UK: Edward Elgar Publishing, forthcoming.
- Boettke, P. J., C. J. Coyne, and P. T. Leeson (2008), 'Institutional stickiness and the new development economics'. *American Journal of Economics and Sociology* **67**(2), 331–358.
- Boettke, P. J. and P. T. Leeson (2008), 'Two-tiered entrepreneurship and economic development'. Mimeo.
- Boettke, P. J. and D. L. Prychitko (2004), 'Is an independent nonprofit sector prone to failure? Toward an Austrian school interpretation of nonprofit and voluntary action'. *Conversations on Philanthropy* I, 1–40.
- Bornstein, D. (2007), How to Change the World: Social Entrepreneurs and the Power of New Ideas. New York, NY: Oxford University Press.
- Boschee, J. (1997), 'What does it take to be a social entrepreneur?'. Not-For-Profit CEO Monthly Letter 4(6), 1–3.
- Bremner, R. (1994), Giving: Charity and Philanthropy in History. Somerset, NJ: Transaction Publishers.
- Brooks, A. C. (2005), Gifts of Time and Money: The Role of Charity in America's Communities. Lanham, MD: Rowman & Littlefield.
- Buchanan, J. M. (1964). 'What should economists do?' Southern Economic Journal 30, 213–222.
- Buchanan, J. M. and G. Tullock (1962), The Calculus of Consent: Logical Foundations of Constitutional Democracy. Ann Arbor, MI: University of Michigan Press.
- Cannon, C. (2000), 'Charity for profit: How the new social entrepreneurs are creating good by sharing wealth'. *National Journal* **16**(June), 1898–1904.

- Carree, M. A. and A. Roy Thurik (1997), Small Firms and Economic Growth. Research Memorandum 9708, Erasmus University Rotterdam.
- Carree, M. A., A. van Stel, A. Roy Thurik, and S. Wennekers (1999), 'Business ownership and economic growth: An empirical investigation'. EIM Research Report 9809/E, Zoetermeer.
- Carree, M. A., A. van Stel, A. Roy Thurik, and S. Wennekers (2000), 'Business ownership and economic growth in 23 OECD countries'. Tinbergen Institute Discussion Papers 1, Tinbergen Institute.
- Catford, J. (1998), 'Social entrepreneurs are vital for health promotion But they need supportive environments too'. *Health Promotion International* **13**(2), 95–97.
- Chamlee-Wright, E. and V. Storr (2008), The Entrepreneur's Role in Post-Disaster Community Recovery Implications for Post-Disaster Recovery Policy. Arlington, VA: Mercatus Center.
- Coase, R. (1960), 'The problem of social cost'. *Journal of Law and Economics* **1**(3), 1–44.
- Cornuelle, R. (1965), Reclaiming the American Dream. New York, NY: Random House.
- Cowen, T. and D. Parker (1997), Markets in the Firm: A Market-Process Approach to Management. United Kingdom: Institute for Economic Affairs.
- Coyne, C. J. (2008), After War: The Political Economy of Exporting Democracy. California, CA: Stanford University Press.
- Coyne, C. J. and P. T. Leeson (2004), 'The plight of underdeveloped countries'. *Cato Journal* **24**(3), 235–249.
- Coyne, C. J. and P. T. Leeson (2009), 'Media as mechanism of institutional change and reinforcement'. *Kyklos* **62**(1), 1–14.
- Czarniawska, B. and G. Sevón (eds.) (1996), *Translating Organizational Change*. New York, NY: Walter de Gruyter.
- Dahl, R. (1961), Who Governs? New Haven, CT: Yale University Press. de Soto, H. (1989), The Other Path. New York, NY: Basic Books.
- Dees, J. G. (2001), 'The meaning of Social Entrepreneurship'. The Fuqua School of Business, Center for the Advancement of Social Entrepreneurship.

- Dekker, P. and L. Halman (eds.) (2003), *The Values of Volunteering:* Cross-Cultural Perspectives. New York, NY: Springer.
- Demsetz, H. (1967), 'Toward a theory of property rights'. American Economic Review 57, 347–359.
- Desai, S. and Z. J. Acs (2007), 'A theory of destructive entrepreneurship'. Jena Economic Research Paper No. 2007-085.
- DiLorenzo, T. (1988), 'Competition and political entrepreneurship'. Review of Austrian Economics 2(1), 59–71.
- DiMaggio, P. J. (1998), 'Interest and agency in institutional theory'.
 In: L. Zucker (ed.): *Institutional Patterns and Organizations*. Massachusetts, MA: Ballinger, pp. 3–22.
- Djankov, S. (2008), 'A response to *Is Doing Business Damaging Business*'. World Bank, Mimeo.
- Djankov, S., R. La Porta, F. Lopez-de-Silanes, and A. Shleifer (2002), 'The regulation of entry'. *Quarterly Journal of Economics* **117**(1), 1–37.
- Easterly, W. (2001), "Can institutions resolve ethnic conflict?" Economic Development and Cultural Change 49(4), 687–706'.
- Easterly, W. and D. Levine (1997), 'Africa's growth tragedy: Policies and ethnic divisions'. *Quarterly Journal of Economics* **112**(4), 1202–1250.
- Edelman, L. B. (1992), 'Legal ambiguity and symbolic structures: Organizational mediation of civil rights law'. *American Journal of Sociology* **97**, 1531–1576.
- Edelman, L. B., C. Uggen, and H. S. Erlanger (1999), 'The endogeneity of legal regulation: Grievance procedures as rational myth'. *American Journal of Sociology* **105**, 406–454.
- Eggertsson, T. (ed.) (1990), Economic Behavior and Institutions. New York, NY: Cambridge University Press.
- Eisenstadt, S. N. (1980), 'Cultural orientations, institutional entrepreneurs and social change: Comparative analysis of traditional civilizations'. *American Journal of Sociology* **85**, 840–869.
- Ferejohn, J. (1986), 'Incumbent performance and electoral control'. Public Choice **50**, 5–26.

- Field, A. J. (2007), 'Beyond foraging: Behavioral science and the future of institutional economics'. *Journal of Institutional Economics* **3**(3), 265–291.
- Finnemore, M. (1993), 'International organizations as teachers of norms: The United Nations educational, scientific, and cultural organization and science policy'. *International Organization* 47, 565–597.
- Grier, R. (1997), 'The effect of religion on economic development: A cross-national study of sixty-three former colonies'. *Kyklos* **50**(1), 47–62.
- Guiso, L., P. Sapienza, and L. Zingales (2006). 'Does culture affect economic outcomes?' *Journal of Economic Perspectives* **20**(2), 23–48.
- Gwartney, J., R. Lawson, and R. Holcombe (1999), 'Economic freedom and the environment for economic growth'. *Journal of Institutional and Theoretical Economics* **155**, 643–663.
- Hardin, R. (1999), *Liberalism, Constitutionalism, and Democracy*. New York, NY: Oxford University Press.
- Harper, D. A. (1999), Foundations of Entrepreneurship and Economic Development. New York, NY: Routledge.
- Harper, D. A. (2003), Foundations of Entrepreneurship and Economic Development. New York, NY: Routledge.
- Harrison, L. (2006), *The Central Liberal Truth*. Oxford: Oxford University Press.
- Havens, J. J., M. A. O'Herlihy, and P. G. Schervish (2007). 'Charitable giving: How much, by whom, to what, and how?' In: W. W. Powell and R. S. Steinberg (eds.): The Non-Profit Sector: A Research Handbook, New Haven, CT: Yale University Press, pp. 542–567.
- Hayek, F. A. (1948), Individualism and Economic Order. Chicago, IL: University of Chicago Press.
- Hayek, F. A. (1979), Law, Legislation and Liberty, Volume III: The Political Order of a Free People. Chicago, IL: The University of Chicago Press.
- Holcombe, R. G. (1998), 'Entrepreneurship and economic growth'. The Quarterly Journal of Austrian Economics 1(2), 45–62.
- Hume, D. (2000), A Treatise of Human Nature. New York, NY: Oxford University Press.

- Hwang, H. and W. W. Powell (2005), 'Institutions and entrepreneurship'. In: S. A. Alvarez, R. Agarwal, and O. Sorenson (eds.): Handbook of Entrepreneurship Research. Kluwer Publishers, pp. 179–210.
- Jepperson, R. J. (1991), 'Institutions, institutional effects, and institutionalization'. In: W. W. Powell and P. J. DiMaggio (eds.): *New Institutionalism in Organizational Analysis*. Chicago, IL: University of Chicago Press, pp. 143–163.
- Keefer, P. and S. Knack (2005), 'Social capital, social norms, and the new institutional economics'. In: C. Menard and M. M. Shirley (eds.): *Handbook of New Institutional Economics*. Springer: The Netherlands, pp. 701–725.
- Kelly, E. and F. Dobbin (1999), 'Civil rights at work: Sex discrimination and the rise of maternity leave policies'. American Journal of Sociology 105, 455–492.
- Kirzner, I. (1973), Competition and Entrepreneurship. Chicago, IL: University of Chicago Press.
- Kirzner, I. (1988), 'The economic calculation debate: Lessons for Austrians'. Review of Austrian Economics 2, 1–18.
- Kirzner, I. (1999), 'Creativity and/or alertness: A reconsideration of the schumpeterian entrepreneur'. Review of Austrian Economics 11, 5–17.
- Knack, S. and P. Keefer (1997), 'Does social capital have an economic payoff? A cross-country investigation'. The Quarterly Journal of Economics 112(4), 1251–1288.
- Koch, C. G. (2007), The Science of Success: How Market-Based Management Built the World's Largest Private Company. New York, NY: Wiley.
- Kohn, M. (2004), 'Value and exchange'. *The Cato Journal* **24**(3), 303–339.
- Koppl, R. (2007), 'Entrepreneurial behavior as human universal'. In: M.
 Minniti (ed.): Entrepreneurship: The Engine of Growth, Volume 1.
 Connecticut: Praeger, pp. 1–19.
- Kreft, S. F. and R. S. Sobel (2005), 'Public policy, entrepreneurship and economic freedom'. *Cato Journal* **25**(3), 595–616.
- Langlois, R. (ed.) (1986), *Economics as a Process*. Cambridge: Cambridge University Press.

- Lavoie, D. (1985), Rivalry and Central Planning. Cambridge: Cambridge University Press.
- Leadbeater, C. (1997), The Rise of Social Entrepreneurship. London: DEMOS.
- Leca, B., J. Battilana, and E. Boxenbaum (2008), 'Agency and institutions: A review of institutional entrepreneurship'. Mimeo.
- Leeson, P. T. (2006), 'Cooperation and conflict: Evidence on self-enforcing arrangements among socially heterogeneous groups'. *American Journal of Economics and Sociology* **65**(4), 891–907.
- Leeson, P. T. (2007), 'Better off stateless: Somalia before and after government collapse'. *Journal of Comparative Economics* **35**(4), 689–710.
- Leeson, P. T. (2008a), 'Coordination without command: Stretching the scope of spontaneous order'. *Public Choice* **135**(1-2), 67–78.
- Leeson, P. T. (2008b), 'Social distance and self-enforcing exchange'. Journal of Legal Studies 37(1), 161–188.
- Leeson, P. T. (2009a), 'Anarchy Unbound: How much order can spontaneous order create?'. In: P. Boettke (ed.): *Handbook of Austrian Economics*. Cheltenham: Edward Elgar Publishing, forthcoming.
- Leeson, P. T. (2009b), 'The laws of lawlessness'. *Journal of Legal Studies*, forthcoming.
- Levine, R. (1997), 'Financial development and economic growth: Views and agendas'. *Journal of Economic Literature* **35**(2), 688–726.
- Lindahl, W. E. and A. T. Conley (2002), 'Literature review: Philanthropic fundraising'. *Nonprofit Management and Leadership* 13, 91–112.
- Machovec, F. (1995), Perfect Competition and the Transformation of Economics. New York, NY: Routledge.
- Mair, J. and I. Marti (2006), 'Social entrepreneurship: A source of explanation, prediction and delight'. *Journal of World Business* **41**(1), 36–44.
- Martin, N. and V. Storr (2008), 'On perverse emergent orders'. Mimeo.

 McCarthy K. D. (2005), American Creed: Philanthrony and the Rise of
- McCarthy, K. D. (2005), American Creed: Philanthropy and the Rise of Civil Society, 1700 1865. Chicago, IL: University of Chicago Press.
- Mehlum, H., K. Moene, and R. Torvik (2006), 'Institutions and the resource curse'. *The Economic Journal* **116**(508), 1–20.

- Meyer, J. W. (2002), 'Globalization and the expansion of standardization of management'. In: K. Sahlin-Andersson and L. Engwall (eds.): *The Expansion of Management Knowledge*. Stanford: Stanford University Press, pp. 33–44.
- Meyskens, M. and C. Post (2008), 'Social venture strategy from a global perspective: An exploratory study assessing ashoka fellows'. Mimeo.
- Mitchell, W. C. and R. T. Simmons (1994), Beyond Politics: Markets, Welfare, and the Failure of Bureaucracy. Boulder: Westview Press.
- Murphy, K. M., A. Shleifer, and R. W. Vishny (1991), 'The allocation of talent: Implications for growth'. *Quarterly Journal of Economics* **106**(2), 503–530.
- Nelson, R. and S. Winter (1982), An Evolutionary Theory of Economic Change. Cambridge: Harvard University Press.
- Nicholls, A. (ed.) (2006), Social Entrepreneurship: New Models of Sustainable Social Change. Oxford: University of Oxford Press.
- North, D. C. (1990), Institutions, Institutional Change and Economic Performance. New York, NY: Cambridge University Press.
- North, D. C. (1991), 'Institutions'. *Journal of Economic Perspectives* **5**(1), 97–112.
- North, D. C. (2005), *Understanding the Process of Economic Change*. New Jersey, NJ: Princeton University Press.
- North, D. C. and R. Paul Thomas (1973), The Rise of the Western World. New York, NY: Cambridge University Press.
- Nyström, K. (2008), 'The institutions of economic freedom and entrepreneurship: Evidence from panel data'. *Public Choice* **136**(3-4), 269–282.
- Olson, M. L. (1965), The Logic of Collective Action: Public Goods and the Theory of Groups. Cambridge: Harvard University Press.
- Olson, M. L. (1982), *The Rise and Decline of Nations*. New Haven, CT: Yale University Press.
- Parker, S. C. (2005), 'The economics of entrepreneurship: What we know and what we don't'. Foundations and Trends in Entrepreneurship 1(1), 1–54.
- Peredo, A. M. and M. McLean (2006), 'Social entrepreneurship: A critical review of the concept'. *Journal of World Business* **41**(1), 56–65.

- Perrini, F. (ed.) (2006), The New Social Entrepreneurship: What Awaits Social Entrepreneurial Ventures? Cheltenham, UK: Edward Elgar Publishing.
- Polsby, N. (1984), *Political Innovation in America*. New Haven, CT: Yale University Press.
- Pongracic, I. (2009), Employees and Entrepreneurship: Co-ordination and Spontaneity in Non Hierarchical Business Organizations. Cheltenham, UK: Edward Elgar Publishing.
- Prabhu, G. N. (1999), 'Social entrepreneurial leadership'. Career Development International 4(3), 140–145.
- Riker, W. (1962), *The Theory of Political Coalitions*. New Haven, CT: Yale University Press.
- Riker, W. (1986), *The Art of Political Manipulation*. New Haven, CT: Yale University Press.
- Rodrik, D. (2007), One Economics Many Recipes: Globalization, Institutions, and Economic Growth. New Jersey, NJ: Princeton University Press.
- Rodrik, D., A. Subramanian, and F. Trebbi (2004), 'Institutions rule: The primacy of institutions over geography and integration in economic development'. *Journal of Economic Growth* 9, 131–165.
- Sahlin-Andersson, K. and L. Engwall (eds.) (2002), The Expansion of Knowledge: Carriers, Flows, and Sources. Stanford: Stanford University Press.
- Salamon, L. M. and H. K. Anheier (1996), *The Emerging Non-Profit Sector: An Overview*. Johns Hopkins Nonprofit Sector Series 1, Manchester: University of Manchester Press.
- Sargeant, A. (1999), 'Charitable giving: Towards a model of donor behavior'. *Journal of Marketing Management* 15, 215–238.
- Sargeant, A. and L. Woodliffe (2007), 'Individual giving behaviour: A multi-disciplinary review'. In: A. Sargeant and W. W. Wymer (eds.): The Nonprofit Marketing Companion. London: Routledge, pp. 111–144.
- Sautet, F. (2000), An Entrepreneurial Theory of the Firm. London, UK: Routledge.

- Sautet, F. (2005), 'The Role of Institutions in Entrepreneurship: Implications for Development Policy'. Policy Primer #1, Arlington, VA: Mercatus Center.
- Schneider, M., P. Teske, and M. Minton (1995), Public Entrepreneurs: Agents for Change in American Government. Princeton, NJ: Princeton University Press.
- Schumpeter, J. A. (1942), Capitalism, Socialism and Democracy. New York, NY: Harper and Row.
- Scully, G. W. (1988), 'The institutional framework and economic development'. *Journal of Political Economy* **96**, 652–662.
- Scully, G. W. (1992), Constitutional Environments and Economic Growth. Princeton, NJ: Princeton University Press.
- Seabright, P. (2005), The Company of Strangers: A Natural History of Economic Life. New Jersey, NJ: Princeton University Press.
- Sharir, M. and M. Lerner (2006), 'Gauging the success of social ventures initiated by individual social entrepreneurs'. *Journal of World Business* **41**(1), 6–20.
- Shirley, M. M. (2005), 'Institutions and development'. In: C. Menard and M. M. Shirley (eds.): *Handbook of New Institutional Economics*. Springer: The Netherlands, pp. 611–638.
- Shirley, M. M. (2008), *Institutions and Development*. Cheltenham, UK: Edward Elgar Publishing.
- Smith, A. (1776), *The Wealth of Nations*. New York, NY: The Modern Library, [1965].
- Smith, D. H. (ed.) (2005), Good Intentions: Moral Obstacles and Opportunities. Bloomington, IN: Indiana University Press.
- Smith, V. (2003), 'Constructivist and ecological rationality in economics'. *American Economic Review* **93**(3), 465–508.
- Sobel, R. (2008), 'Testing baumol: Institutional quality and the productivity of entrepreneurship'. *Journal of Business Venturing* **23**(6), 641–655.
- Sobel, R. S., J. R. Clark, and D. Lee (2007), 'Freedom, barriers to entry, entrepreneurship, and economic progress'. *The Review of Austrian Economics* **20**(4), 221–236.

- Sutton, J. R., F. Dobbin, J. W. Meyer, and W. Richard Scott (1994), 'The legalization of the workplace'. *American Journal of Sociology* **99**, 944–971.
- Thompson, J., G. Alvy, and A. Lees (2000), 'Social entrepreneurship: A new look at the people and the potential'. *Management Decision* **38**(5), 328–338.
- Thurik, A. R. (1995), Small Firms, Entrepreneurship and Economic Growth. Tinbergen Institute Discussion Paper TI 95-52, Tinbergen Institute.
- Tilly, C. (1990), Coercion, Capital, and European States, AD 990-1990. Cambridge: Blackwell.
- van Praag, C. M. and P. H. Versloot (2007), 'The economic benefits and costs of entrepreneurship'. Foundations and Trends in Entrepreneurship 4(2), 65–154.
- Verheul, I., S. Wennekers, D. B. Audretsch, and A. Roy Thurik (2001), 'An eclectic theory of entrepreneurship'. Tinbergen Institute Discussion Paper 2001-030/3, Tinbergen Institute.
- von Mises, L. (1922), Socialism: An Economic and Sociological Analysis. New Haven, CT: Yale University Press, [1951].
- von Mises, L. (1949), *Human Action: A Treatise on Economics*. San Francisco: Fox and Wilkes, 4th edition, [1996].
- Wagner, R. (1966), 'Pressure groups and political entrepreneurs: A review essay'. *Public Choice* **1**(1), 161–170.
- Weber, M. (1905), [2002], The Protestant Ethic and the "Spirit" of Capitalism and Other Writings. New York, NY: Penguin Books.
- Weerawardena, J. and G. S. Mort (2006), 'Investigating social entrepreneurship: A multi-dimensional model'. *Journal of World Business* **41**(1), 21–35.
- Weingast, B. R. (1995), 'The economic role of political institutions: Market-preserving federalism and economic development'. *Journal of Law, Economics and Organization* **11**(1), 1–31.
- Weingast, B. R. (1997), 'The political foundations of democracy and the rule of law'. American Political Science Review 91(2), 245–263.
- Williamson, O. E. (1975), Markets and Hierarchies. New York, NY: Free Press.

Full text available at: http://dx.doi.org/10.1561/0300000018

- Williamson, O. E. (2000), 'The new institutional economics: Taking stock, looking ahead'. *Journal of Economic Literature* **38**, 595–613.
- Yunus, M. (2003), Banker to the Poor: Micro-Lending and the Battle Against World Poverty. New York, NY: Public Affairs.