

References

- AAAS (2009), 'Special Section: Complex Systems and Networks', *Science*, **325**, 405–32.
- Anlló, Guillermo (2006), 'An Overview of Latin American Innovation Surveys', in William Blankley, Mario Scerri, Neo Molotja and Imraan Saloojee (eds), *Measuring Innovation in OECD and Non-OECD Countries*, Cape Town: HSRC Press, pp. 141–62.
- Antal, Berthoin Ariane, Meinolf Dierkes, John Child and Ikujiro Nonaka (2001), 'Organizational Learning and Knowledge, Reflections on the Dynamics of the Field and Challenges for the Future', in M. Dierkes, A. Bethoin Antal, J. Child and I. Nonaka (eds), *Handbook of Organizational Learning and Knowledge*, Oxford: Oxford University Press, pp. 921–39.
- Arundel, Anthony (2007), 'Innovation Survey Indicators: What Impact on Innovation Policy?' in OECD, *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD, pp. 49–64.
- Arundel, Anthony, Catalina Bordoy and Minna Kanerva (2008a), *Neglected Innovators: How Do Innovative Firms that Do not Perform R&D Innovate? Results of an Analysis of the Innobarometer 2007 Survey 215*, INNO-Metrics Thematic Paper, 31 March.
- Arundel, Anthony, Cati Bordoy, Pierre Mohnen and Keith Smith (2008b), 'Innovation Surveys and Policy: Lessons from the CIS', in Claire Nauwelaers and René Wintjes (eds), *Innovation Policy in Europe, Measurement and Strategy*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar, pp. 3–28.
- Arundel, Anthony and Viki Sonntag (1999), *Patterns of Advanced Manufacturing Technology (AMT) Use in Canadian Manufacturing: 1998 AMT Survey Results*, Catalogue no. 88F0017MIE, no. 12, Ottawa: Statistics Canada.
- Atkinson, Robert D. (2004), *The Past and Future of America's Economy: Long Waves of Innovation that Power Cycles of Growth*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar.
- Atkinson, Robert and Howard Wial (2008), 'Creating a National Innovation Foundation', *Issues in Science and Technology*, Fall, 75–84.

- Aubert, Jean-Eric (2004), *Promoting Innovation in Developing Countries, A Conceptual Framework*, Policy Research Working Paper 0-3097, Washington, DC: World Bank Institute.
- Aubert, Jean-Eric (2006), 'Innovation Systems in Emerging and Developing Economies', in William Blankley, Mario Scerri, Neo Molotja and Imraan Saloojee (eds), *Measuring Innovation in OECD and Non-OECD Countries*, Cape Town: HSRC Press, pp. 141–62.
- Auriol, Laudeline (2007), 'The International Mobility of Doctorate Holders: First Results and Methodological Advances', in OECD, *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD, pp. 193–212.
- Ayres, R.U. (1978), *Resource, Environment and Economic: Applications of the Material/Energy Balance Principle*, New York: J. Wiley & Sons.
- Baczko, Tadeusz (ed.) (2009), *The Future of Science and Technology and Innovation Indicators and the Challenges Implied*, Warsaw: Institute of Economics, Polish Academy of Sciences.
- Barber, Douglas H. and Jeffrey Crelinsten (2009), *Understanding the Disappearance of Early-Stage and Start-Up R&D Performing Firms*, Toronto: Impact Group.
- BEA (2007), *Research and Development Satellite Account, 2007 Satellite Account Underscores Importance of R&D*, BEA-07-48, Washington, DC: BEA.
- Beattie, Alan (2009), *False Economy: A Surprising Economic History of the World*, Toronto: Viking Canada.
- Bernstein, Alan, Vern Hicks, Peggy Boorbey, Terry Campbell, Laura McAuley and Ian D. Graham (2007), 'A Framework to Measure the Impacts of Investments in Health Research', in OECD, *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD, pp. 231–50.
- Blankley, William, Mario Scerri, Neo Molotja and Imraan Saloojee (eds) (2006), *Measuring Innovation in OECD and Non-OECD Countries*, Cape Town: HSRC Press.
- Blind, Knut, Jakob Edler, Luke Georghiou, Elvira Uyarra, Deborah Cox, John Rigby and Yanuar Nugroho (2009), *Monitoring and Evaluation Methodology for the EU Lead Market Initiative, A Concept Development, Final Report*, Manchester: Manchester Institute of Innovation Research, University of Manchester.
- Block, Carter and Vladimir López-Bassols (2009), 'Innovation Indicators', in OECD, *Innovation in Firms: A Microeconomic Perspective*, Paris: OECD, pp. 21–68.
- BMBF (2006), *The High-Tech Strategy for Germany*, Bonn and Berlin: BMBF.

- BMBF (2008a), *Bundesbericht Forschung und Innovation 2008*, Bonn and Berlin: BMBF.
- BMBF (2008b), *Strengthening Germany's Role in the Global Knowledge Society*, Bonn and Berlin: BMBF.
- BMBF (2008c), *10 Thesen für ein starkes Wissenschaftssystem im weltweiten Wettbewerb, Demands on Research Landscapes under Changing Framework Conditions, Memorandum*, Bonn and Berlin: BMBF.
- Boden, Mark and Ian Miles (eds) (2000), *Services and the Knowledge-Based Economy*, London: Continuum.
- Bordt, Michael, Louise Earl, Charlene Lonmo and Robert Joseph (2004), *Characteristics of Firms that Grow from Small to Medium Size: Growth Factors – Interviews and Measurability*, Catalogue 88F0006XIE2004021, Ottawa: Statistics Canada.
- Bordt, Michael, Julio Miguel Rosa and Johanne Boivin (2007), 'Science, Technology and Innovation for Sustainable Development: Towards a Conceptual Framework', in OECD, *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD, pp. 251–68.
- Brown, Lawrence D. Thomas J. Plewes and Marisa A. Gerstein (eds) (2005), *Measuring Research and Development Expenditures in the US Economy*, Panel on Research and Development Statistics at the National Science Foundation, Committee on National Statistics, Division of Behavioral and Social Sciences and Education. Washington, DC: National Academies Press.
- Business Week* (2008), 'Can America Invent its Way Back', 11 September.
- Carlsson, Bo (ed.) (1997), *Technological Systems and Industrial Dynamics*, Boston, MA: Kluwer Academic Publishers.
- CCA (2009a), *Report in Focus, Innovation and Business Strategy: Why Canada Falls Short*, Ottawa: Council of the Canadian Academies, www.scienceadvice.ca/innovation.html.
- CCA (2009b), *Innovation and Business Strategy: Why Canada Falls Short*, Ottawa: Council of the Canadian Academies, www.scienceadvice.ca/innovation.html.
- CEC (2005), *Proposal for a Decision of the European Parliament and the Council Establishing a Competitiveness and Innovation Framework Programme (2007–2013)*, COM (2005) 121 Final, Brussels: Commission of the European Communities.
- CEC (2006a), *Creating an Innovative Europe: Report of the Independent Expert Group on R&D and Innovation following the Hampton Court Summit*, chaired by Mr Esko Aho, Brussels: Commission of the European Communities.
- CEC (2006b), *Putting Knowledge into Practice: A Broad-Based Innovation*

- Strategy for the EU*, COM (2006) 502 final, Brussels: Commission of the European Communities.
- CEC (2007a), *Mid-term Review of Industrial Policy: A Contribution to the EU's Growth and Jobs Strategy*, COM (2007) 374, Brussels: Commission of the European Communities.
- CEC (2007b), *A Lead Market Initiative for Europe*, SEC(2007), 1729,1730, COM(2007) 860 final, Brussels: Commission of the European Communities.
- CEC (2007c), *Towards a European Strategy in Support of Innovation in Services: Challenges and Key Issues for Future Actions*, SEC (2007) 1059, Brussels: Commission of the European Communities.
- CEC (2007d), *Removing Obstacles to Cross-Border Investments by Venture Capital Funds*, Brussels: Commission of the European Communities.
- CEC (2008a), *Towards World-Class Clusters in the European Union: Implementing the Broad-Based Innovation Strategy*, SEC (2008) 2673, Brussels: Commission of the European Communities.
- CEC (2008b), *Annex to the Communication from the Commission, 'Towards World-Class Clusters in the European Union: Implementing the Broad-Based Innovation Strategy'*, COM (2008) 652 final of 17.10.2008, Brussels: Commission of the European Communities.
- CEC (2008c), *An Industrial Property Rights Strategy for Europe*, COM (2008) 465 final, Brussels: Commission of the European Communities.
- CEC (2008d), *Towards an Increased Contribution from Standardization to Innovation in Europe*, COM (2008) 133 final, Brussels: Commission of the European Communities.
- CEC (2008e), *Action Plan on the Sustainable Consumption and Production and Sustainable Industrial Policy*, COM (2008) 397 final, Brussels: Commission of the European Communities.
- CEC (2009a), *Design as a Driver of User-Centered Innovation*, Commission Staff Working Document SEC (2009) 501 final, Brussels: Commission of the European Communities.
- CEC (2009b), *Mainstreaming Sustainable Development into EU Policies: 2009 Review of the European Union Strategy for Sustainable Development*, COM (2009) 400 final, Brussels: Commission of the European Communities.
- CEC (2009c), *Reviewing Community Innovation Policy in a Changing World*, COM(2009) 442 final, Brussels: Commission of the European Communities.
- CEC IMF OECD UN World Bank (1994), *System of National Accounts 1993*, New York: United Nations.
- CES (2008a), *Development of a Handbook on Deriving Capital Measures of Intellectual Property Products*, Conference of European Statisticians,

- Joint UNECE/Eurostat/OECD Meeting on National Accounts, April, ECE/CES/GE.20/2008/5, Geneva: CES.
- CES (2008b), *1993 SNA Update Issues, Research and Development, ECE/CES/GE.20/2008/13*, Geneva: UN Economic and Social Council, Economic Commission for Europe, Council of European Statisticians.
- Chesbrough, Henry (2003), *Open Innovation: The New Imperative for Creating and Profiting from Technology*, Boston, MA: Harvard University Press.
- Christensen, C.M. (1997), *The Innovators Dilemma: When New Technologies Cause Great Firms to Fail*, Boston, MA: Harvard University Press.
- Christensen, Clayton M. (2008), 'Foreword: Reflections on Disruption', in Scott D. Anthony, Mark W. Johnson, Joseph V. Sinfield and Elizabeth J. Altman (eds), *The Innovator's Guide to Growth: Putting Disruptive Innovation to Work*, Boston, MA: Harvard Business Press, pp. vii–xiv.
- Collier, Paul (2007), *The Bottom Billion, Why the Poorest Countries Are Failing and What Can Be Done About It*, Oxford: Oxford University Press.
- Collier, Paul (2008), 'The Politics of Hunger: How Illusion and Greed Fan the Food Crisis', *Foreign Affairs*, **87**(6), 67–79.
- Conference Board (2008), *Workshop on Developing a New National Research Data Infrastructure for the Study of Organizations and Innovation: Workshop Report*, Washington, DC: Conference Board.
- Council of Science and Technology, Japan (2008), *Toward the Reinforcement of Science and Technology Diplomacy, Preliminary Translation*, 19 May 2008, Tokyo: Council of Science and Technology.
- Dahlman, Carl J., Jorma Routti and Pekka Ylä-Anttila (eds) (2006), *Finland as a Knowledge Economy: Elements of Success and Lessons Learned*, Washington, DC: World Bank.
- David, P.A. (1993), 'Knowledge, Property and the System Dynamics of Technological Change', in World Bank (ed.), *Proceedings of the World Bank Annual Conference on Development Economics 1992*, Washington, DC: World Bank, pp. 215–48.
- David, P.A. and D. Foray (1995), 'Accessing and Expanding the Science and Technology Knowledge Base', *STI Review*, **16**, 13–68.
- Davignon, Louis, Yves Gingras and Benoit Godin (1998), *Knowledge Flows in Canada as Measured by Bibliometrics*, Ottawa: Statistics Canada.
- de Jong, Jeroen P.J. and Eric von Hippel (2009), *User Innovation in Dutch High-Tech SMEs: Frequency, Nature and Transfer to Producers*, MIT Sloan School of Management Working Paper no. 4724–09, Cambridge, MA: MIT.
- de la Mothe, John and Dominique Foray (eds) (2001), *Knowledge*

- Management in the Innovation Process*, Boston, MA: Kluwer Academic Publishers.
- DFID (2008), *Research Strategy 2008–2013*, London: DFID.
- Diamond, Jared (1997), *Guns, Germs, and Steel*, New York: W.W. Norton.
- Dierkes, M. (2001), 'Visions, Technology, and Organizational Knowledge: An Analysis of the Interplay between Enabling Factors and Triggers of Knowledge Generation', in John de la Mothe and Dominique Foray (eds), *Knowledge Management in the Innovation Process*, Boston, MA: Kluwer Academic Publishers, pp. 11–42.
- Dierkes, Meinolf, Ariane Berthoin Antal, John Child and Ikujiro Nonaka (eds) (2001a), *Handbook of Organizational Learning and Knowledge*, Oxford: Oxford University Press.
- Dierkes, Meinolf, Marcus Alexis, Ariane Berthoin Antal, Bo Hedberg, Peter Pawlowsky, John Stopford and Anne Vonderstein (eds) (2001b), *The Annotated Bibliography of Organizational Learning and Knowledge Creation*, 2nd edn, Berlin: Wissenschaftszentrum Berlin für Sozialforschung (WZB).
- DIUS (2008), *Innovation Nation*, Department for Innovation, Universities and Skills, Norwich: HMSO.
- Dodgson, Mark and Roy Rothwell (eds) (1994), *The Handbook of Industrial Innovation*, Aldershot, UK and Brookfield, VT, USA: Edward Elgar.
- Ducharme, L.M. and Fred Gault (1992), 'Surveys of Manufacturing Technology', *Science and Public Policy*, **19**, 393–9.
- Dyson, Freeman (2007), 'Our Biotech Future', *New York Review of Books*, **54**(12), 4–8.
- Earl, Louise (2002), 'Putting Your Money where Your Mouth Is: Using Knowledge Management Practices to Design a Knowledge Management Survey', *Innovation Analysis Bulletin*, **4**(1), Catalogue 88-003-XIE, page 11, Ottawa: Statistics Canada.
- Earl, Louise (2003), 'Are we Managing our Knowledge? The Canadian Experience', in OECD, *Measuring Knowledge Management in the Business Sector: First Steps*, Paris: OECD, pp. 55–87.
- Earl, Louise and Fred Gault (2003), 'Knowledge Management: Size Matters', in OECD, *Measuring Knowledge Management in the Business Sector: First Steps*, Paris: OECD, pp. 169–86.
- Earl, Louise and Fred Gault (2006), *National Innovation, Indicators and Policy*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar.
- Edler, Jakob and Luke Georghiou (2007), 'Public Procurement and Innovation – Resurrecting the Demand Side', *Research Policy*, **36**, 949–63.

- Edquist, Charles (1997), *Systems of Innovation, Technologies, Institutions and Organizations*, London: Pinter.
- Edquist, Charles (2004), 'Systems of Innovation: A Critical Review of the State of the Art', in J. Fagerberg, D. Mowery and R. Nelson (eds), *The Oxford Handbook of Innovation*, Oxford: Oxford University Press.
- Ellis, Simon (2008), 'The Current State of International Science Statistics in Africa', *African Statistical Journal*, **6**, 177–89.
- Executive Office of the President (2009), *A Strategy for American Innovation: Driving Towards Sustainable Growth and Quality Jobs*, Washington, DC: Executive Office of the President/NEC/OSTP.
- Fabling, Richard (2007), 'How Innovative are New Zealand Firms? Quantifying and Relating Organizational and Marketing Innovation to Traditional Science and Technology Indicators', in OECD, *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD, pp. 139–70.
- Fagerberg, Jan, David C. Mowery and Richard Nelson (eds) (2004), *The Oxford Handbook of Innovation*, Oxford: Oxford University Press.
- Farmer, Doyne J., William Brian Arthur, Jessika Trancik, Douglas H. Erwin and Walter W. Powell (2007), *Modelling the Dynamics of Technological Evolution, NSF Proposal*, Washington, DC: NSF, <http://www.nsf.gov/sbe/scisip/scisipnews1.pdf>.
- Florida, Richard (1998), 'Calibrating the Learning Region', in John de la Mothe and Gilles Paquet (eds), *Local and Regional Systems of Innovation*, Boston, MA: Kluwer Academic Publishers.
- Florida, Richard (2002), *The Rise of the Creative Class: And how It's Transforming Work, Leisure, Community and Everyday Life*, Philadelphia, PA: Basic Books.
- Foray, D. (2004), *The Economics of Knowledge*, Cambridge, MA: MIT Press.
- Foray, Dominique (2007), 'Enriching the Indicator Base for the Economics of Knowledge', in OECD, *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD, pp. 87–100.
- Forrester, J.W. (1971), *World Dynamics*, Cambridge, MA: Wright-Allen Press.
- Forrester, J.W. (1982), 'Global Modelling Revisited', *Futures*, **14**, 95–110.
- Franke, N. and S. Shah (2003), 'How Communities Support Innovative Activities: An Exploration of Assistance and Sharing Among End-Users', *Research Policy*, **32**(1), 157–78.
- Franke, N. and Eric von Hippel (2003), 'Satisfying Heterogeneous User Needs via Innovation Toolkits: The Case of Apache Security Software', *Research Policy*, **32**(7), 1199–1215.

- Freeman, C. (1987), *Technology Policy and Economics Performance: Lessons from Japan*, London: Pinter.
- Freeman, Chris and Luc Soete (2007), 'Developing Science and Technology and Innovation Indicators: The Twenty-First Century Challenges', in OECD, *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD, pp. 271–84.
- Friedman, Thomas L. (2006), *The World is Flat: A Brief History of the Twenty-First Century*, 2nd edn, New York: Farrar, Straus & Giroux.
- Friedman, Thomas L. (2008), *Hot, Flat and Crowded: Why we Need a Green Revolution – and How it Can Renew America*, New York: Farrar, Straus & Giroux.
- Gadrey, Jean and Faïz Gallouj (eds) (2002), *Productivity, Innovation and Knowledge in Services, New Economic and Socio-Economic Approaches*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar.
- Galindo-Rueda, Fernando (2007), 'Developing an R&D Satellite Account for the UK: A Preliminary Analysis', *Economic and Labour Market Review*, 1, 18–29.
- Gallouj, Faïz (2002), *Innovation in the Service Economy: The New Wealth of Nations*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar.
- Gault, F.D. (1998), 'The Federal Strategy for Science and Technology in Canada and Statistical Measurement', in A.M. Herzberg and I. Krupka (eds), *Statistics, Science and Public Policy*, Kingston Ont.: Queen's, pp. 181–8.
- Gault, Fred (2004), 'Developing and Using Indicators of Science and Technology Activity: Canadian Experience in an International Context', in *Proceedings of the Seventh Forum on International Science and Technology Indicators, October 21–23, 2004, Beijing, China*, pp. 30–45 (in Chinese).
- Gault, Fred (2007a), 'Science, Technology and Innovation Indicators: The Context of Change', in OECD, *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD, pp. 9–23.
- Gault, Fred (2007b), 'Assessing International S&T Co-operation for Sustainable Development: Towards Evidence-based Policy', in OECD, *Integrating Science and Technology into Development Policies: An International Perspective*, Paris: OECD.
- Gault, Fred (2008a), 'Indicadores de ciencia, tecnología e innovación: próximos pasos', en *Indicadores de Ciencia y Tecnología en Iberoamérica – Agenda 2008*, Buenos Aires: RICYT, pp. 37–49.
- Gault, Fred (2008b), 'Science, Technology and Innovation Indicators: Opportunities for Africa', *African Statistical Journal*, 6 (May), 141–62.

- Gault, Fred (2009), 'The OECD Innovation Strategy: Delivering Value', *Foresight*, **1**(9), 16–28 (in Russian).
- Gault, F.D., K.E. Hamilton, R.B. Hoffman and B.C. McInnis (1987), 'The Design Approach to Socio-Economic Modelling', *Futures*, **19**, 3–25.
- Gault, F.D., R.B. Hoffman and B.C. McInnis (1985), 'The Path to Process Data', *Futures*, **17**, 509–27.
- Gault, Fred and Susanne Huttner (2008), 'Commentary: A Cat's Cradle for Policy', *Nature*, **455**, 462–3.
- Gault, F.D. and S. McDaniel (2002), 'Continuities and Transformations: Challenges to Capturing Information about the "Information Society"', *First Monday*, **7**(2), 1–13.
- Gault, Fred and William Pattinson (1994), *Model Surveys of Service Industries: The Need to Measure Innovation*, Voorburg Conference Paper, Sydney, Australia.
- Gault, Fred and William Pattinson (1995), *Innovation in Service Industries: The Measurement Issues*, Voorburg Conference Paper, Voorburg, The Netherlands.
- Gault, F.D., B.J. Read, P.R. Stevens and A. Rittenberg (1979), 'The Use of Database Management Systems in Particle Physics', in B. Dreyfus (ed.), *Proceedings of the Sixth International CODATA Conference (Sicily 1978)*, Oxford: Pergamon Press, Oxford, pp. 167–9.
- Gault, Fred and Eric von Hippel (2009), *The Prevalence of User Innovation and Free Innovation Transfers: Implications for Statistical Indicators and Innovation Policy*, MIT Sloan School of Management Working Paper no. 4722-09, Cambridge, MA: MIT.
- Gault, Fred and Gang Zang (2009), 'The View from the Workshop', in *Innovation for Development: Converting Knowledge to Value, Summary Report, Paris, 28 to 30 January 2009*, Paris: UNESCO. pp. 3–6.
- Georghiou, Luke, Jennifer Cassingena Harper, Michael Keenan, Ian Miles and Rafael Popper (eds) (2008), *The Handbook of Technology Foresight*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar.
- Government of Canada (2007), *Mobilizing Science and Technology to Canada's Advantage*, Ottawa: Government of Canada.
- Government of Canada (2009), *Canada's Science, Technology and Innovation System: State of the Nation 2008*, Ottawa: Government of Canada.
- Government of Denmark (2006), *Progress, Innovation and Cohesion: Strategy for Denmark in the Global Economy*, Copenhagen: Government of Denmark.
- Government of Finland (2008a), *Steering Group Proposal for a National Innovation Strategy, 'Finland's National Innovation Strategy'*, Helsinki: Government of Finland.

- Government of Finland (2008b), *Government's Communication on Finland's National Innovation Strategy to Parliament*, Helsinki: Government of Finland.
- Government of Sweden, Ministry of Industry, Employment and Communications (2004), *Innovative Sweden: A Strategy for Growth through Renewal*, Stockholm: Ministry of Industry, Employment and Communications.
- Government of the Netherlands (2008), *Long-Term Strategy: Towards an Agenda for Sustainable Growth in Productivity*, The Hague: Ministry of Economic Affairs and Ministry of Education, Culture and Science.
- Hall, B. and N. Rosenberg (eds) (2010), *Handbook of Innovation*, Amsterdam, The Netherlands and New York, USA: Elsevier.
- Harayama, Yuko (2007), *International Cooperation in Japanese Science and Technology Policy*, http://ec.europa.eu/research/iscp/index.cfm?lg=en&pg=wkshp_25-26_09_2007.
- Hawkins, Richard W., Cooper H. Langford and Kiranpal S. Sidhu (2007), 'University Research in an "Innovation Society"', in OECD, *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD, pp. 171–92.
- Henkel, Joachim and Stephanie Pangerl (2008), *Defensive Publishing: An Empirical Study*, Working Paper, Munich: Technical University of Munich.
- Herstatt, C. and Eric von Hippel (1992), 'From Experience Developing New Product Concepts via the Lead User Method', *Journal of Product Innovation Management*, 9(3), 213–22.
- Hienerth, Christoph (2006), 'The Commercialization of User Innovations: The Development of the Rodeo Kayak Industry', *R&D Management*, 36, 273–94.
- HM Government (2009), *New Industry New Jobs*, London: HM Government.
- HM Treasury / BERR (2008), *Enterprise: Unlocking the UK's Talent*, London: HM Treasury.
- HRDC (2002), *Knowledge Matters: Skills and Learning for Canadians*, Ottawa: HRDC.
- Industry Canada (1996), *Science and Technology for the New Century: A Federal Strategy*, Ottawa: Government of Canada, Supply and Services Canada.
- Industry Canada (2001), *Achieving Excellence: Investing in People, Knowledge and Opportunity: Canada's Innovation Strategy – Main Report*, Ottawa: Government of Canada.
- Innovation Platform (2009), *Stronger After the Storm, Investing in*

- People and Knowledge to Emerge from the Crisis Stronger*, The Hague: Innovation Platform.
- Jaffe, Adam B., Josh Lerner and Scott Stern (2006), *Innovation Policy and the Economy*, Vol. 6, Cambridge: MIT Press.
- Janz, N., G. Ebling, S. Gottschalk and H. Niggemann (2001), 'The Mannheim Innovation Panels (MIP and MIP-S) of the Centre for European Economic Research (ZEW)', *Journal of Applied Social Science Studies*, **121**(1), 123–9.
- Kahn, Michael (2008), 'Africa's Plan of Action for Science and Technology and Indicators: South African Experience', *African Statistical Journal*, **6**(May), 163–76.
- Kapstein, Ethan B. (2009), 'Africa's Capitalist Revolution, Preserving Growth in a Time of Crisis', *Foreign Affairs*, **88**(4), 119–28.
- Kremp, E. and J. Mairesse (2002), *Le 4 Pages des statistiques industrielles*, No. 169, December, Paris: SESSI.
- Kuznetsov, Yevgeny (2006), *Diaspora Networks and the International Migration of Skills: How Countries Can Draw on their Talent Abroad*, Washington, DC: World Bank Institute Development Studies.
- Licht, Georg (2008), 'Nachgefragt: Innovationsverhalten von KMU – Steuerpolitik ist Innovationspolitik', Mannheim: *ZEWnews* Juli/August, 3.
- List, Friedrich (1841/1959), *Das Nationale System der Politischen Oekonomie*, Basel: Kyklos-Verlag.
- List, Friedrich (1909), *The National System of Political Economy*, J. Shield Nicholson (ed.), Sampson S. Lloyd (trans.), London: Longmans, Green & Co. Library of Economics and Liberty. Available from <http://www.econlib.org/library/YPDBooks/List/1stNPEO.html>, accessed 13 July 2009.
- LO (2008), *Employee-Driven Innovation*, Copenhagen: LO, Danish Confederation of Trade Unions.
- Lugones, Gustavo (2006), 'The Bogotá Manual: Standardising Innovation Indicators for Latin America and the Caribbean', in William Blankley, Mario Scerri, Neo Molotja and Imraan Saloojee (eds), *Measuring Innovation in OECD and Non-OECD Countries*, Cape Town: HSRC Press, pp. 163–81.
- Lundvall, B.-Å. (ed.) (1992), *National Innovation Systems: Towards a Theory of Innovation and Interactive Learning*, London: Pinter.
- Lundvall, B.-Å. (2007), *Innovation System Research, Where it Came From and Where it Might Go*, Globelics Working Paper Series, No. 2007–01, Aalborg, Denmark: Globelics.
- Lundvall, B.-Å. and B. Johnson (1994), 'The Learning Economy', *Journal of Industry Studies*, **1**(2), pp. 23–4.

- Lundvall, B.-Å., K.J. Joseph, Cristina Chaminade and Jan Vang (2009), *Handbook of Innovation Systems and Developing Countries: Building Domestic Capabilities in a Global Setting*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar.
- Lüthje, C. (2003), 'Customers as Co-Inventors: An Empirical Analysis of the Antecedents of Customer-Driven Innovations in the Field of Medical Equipment', in *Proceedings of the 32th EMAC Conference*, Glasgow.
- Lüthje, C. (2004), 'Characteristics of Innovating Users in a Consumer Goods Field: An Empirical Study of Sport-Related Product Consumers', *Technovation*, **24**(9), 683–95.
- Lüthje, C., C. Herstatt and E. von Hippel (2002), *The Dominant Role of Local Information in User Innovation: The Case of Mountain Biking*, Working Paper, MIT Sloan School of Management.
- Macher, Jeffery T. and David C. Mowery (eds) (2008), *Innovation in Global Industries: US Firms Competing in a New World*, Washington, DC: National Academies Press.
- Mansfield, Edwin (1968), *The Economics of Technological Change*, New York: W.W. Norton & Company.
- Marburger, John (2005), 'Wanted: Better Benchmarks', *Science*, **308**(5725), 1087.
- Marburger, John (2007), 'The Science of Science and Innovation Policy', in OECD, *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD, pp. 27–32.
- McDaniel, Susan (2006), 'Innovation in Human/Social Guise', in Louise Earl and Fred Gault (eds), *National Innovation, Indicators and Policy*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar, pp. 154–64.
- Meadows, Donella H., Dennis L. Meadows and Jorgen Randers (1992), *Beyond the Limits*, Post Mills, VT: Chelsea Green Publishing Company.
- Meadows, Donella H., Dennis L. Meadows, Jorgen Randers and William W. Behrens III (1972), *The Limits to Growth*, New York: Universe Books.
- Meadows, Donella, Jorgen Randers and Dennis Meadows (eds) (2004), *Limits to Growth: The 30-Year Update*, White River Junction, VT: Chelsea Green Publishing Company.
- Metcalfe, Stanley J. and Ian Miles (eds) (2000), *Innovation Systems in the Service Economy: Measurement and Case Study Analysis*, Norwell, MA: Kluwer Academic Publishers.
- Miles, Ian, Jennifer Cassingena Harper, Luke Georghiou, Michael Keenan and Rafael Popper (2008), 'The Many Faces of Foresight', in

- Luke Georghiou, Jennifer Cassingena Harper, Michael Keenan, Ian Miles and Rafael Popper (eds), *The Handbook of Technology Foresight*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar, pp. 3–23.
- Morrison, P.D., J.H. Roberts, and E. von Hippel (2000), 'Determinants of User Innovation and Innovation Sharing in a Local Market', *Management Science*, **46**(12), 1513–27.
- Mowery, David C. (ed.) (1999), *US Industry in 2000: Studies in Competitive Performance*, Washington, DC: National Academies Press.
- Muldur, Ugur, Fabienne Corvers, Henri Delanghe, Jim Dratwa, Daniela Heimberger, Brian Sloan and Sandrijn Vanslebrouck (2006), *A New Deal for an Effective European Research Policy: The Design and Impacts of the 7th Framework Programme*, Dordrecht: Springer.
- National Academy of Sciences / National Academy of Engineering / Institute of Medicine (2007), *Rising Above the Gathering Storm: Energizing and Employing America for a Brighter Economic Future*, Washington, DC: National Academy Press.
- Nauwelaers, Claire (2009), *Policy Mixes for R&D in Europe*, Maastricht: UNU-MERIT, ec.europa.eu/research/policymix.
- Nauwelaers, Claire and René Wintjes (eds) (2008), *Innovation Policy in Europe: Measurement and Strategy*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar.
- Nelson, Richard R. (1987), *Understanding Technical Change as an Evolutionary Process*, Amsterdam: North-Holland.
- Nelson, Richard R. (1988), 'Institutions Supporting Technical Change in the United States', in Giovanni Dosi, Christopher Freeman, Richard Nelson, Gerald Silverberg and Luc Soete (eds), *Technical Change and Economic Theory*, London: Pinter, pp. 312–29.
- Nelson, Richard R. (ed.) (1993), *National Systems of Innovation*, New York: Oxford University Press.
- Nelson, Richard R. and Sidney G. Winter (1982), *An Evolutionary Theory of Economic Change*, Cambridge, MA: Belknap Press.
- NEPAD (2003), *Declaration of the First NEPAD Ministerial Conference on Science and Technology*, 7 November, Johannesburg, South Africa, Pretoria: NEPAD.
- NEPAD (2005a), *Resolutions of the Second African Ministerial Conference on Science and Technology*, 30 September, Dakar, Senegal, Pretoria: NEPAD.
- NEPAD (2005b), *Inter-Governmental Committee on Science, Technology and Innovation Indicators, Terms of Reference*, Pretoria: NEPAD.
- NEPAD (2005c), *Inter-governmental Committee on Science, Technology and Innovation Indicators, Terms of Reference*, Pretoria: NEPAD.

- NEPAD (2006a), *African Science, Technology and Innovation Indicators (ASTII): Towards African Indicator Manuals – A Discussion Document*, www.nepadst.org/doclibrary/pdfs/iastii_jun2006.pdf.
- NEPAD (2006b), *Africa's Science and Technology Consolidated Plan of Action*, Pretoria: NEPAD.
- NEPAD (2006c), *Resolutions of the Sixth Meeting of the Steering Committee of the African Ministerial Council on Science and Technology (AMCOST)*, 20–21 March, Pretoria: NEPAD.
- NEPAD (2006d), *Extraordinary Conference of the African Ministers Council on Science and Technology (AMCOST), November 20–24, Cairo, Egypt, Report of the Meeting of Ministers, EXT/AU/MIN/ST/Prt. (II)*, Pretoria: NEPAD.
- NEPAD (2006e), *Governing Science, Technology and Innovation in Africa, Building National and Regional Capacities to Develop and Implement Strategies and Policies: A Programme Proposal Submitted to the Swedish Agency for Research Cooperation (SAREC) of the Swedish International Development Cooperation Agency (SIDA), Stockholm, Sweden, October 2006*, Pretoria: NEPAD.
- NEPAD (2007), *Decisions of the First Meeting of the African Intergovernmental Committee on Science, Technology and Innovation Indicators, September 18, 2007, Maputo, Mozambique*, Pretoria: NEPAD.
- NSTC (2008), *The Science of Science Policy: A Federal Research Roadmap, Report on the Science of Science Policy to the Sub-Committee on Social, Behavioral and Economic Sciences, Committee on Science, National Science and Technology Council*, Washington, DC: NSTC.
- NSTC (2009), *Social, Behavioral and Economic Research in the Federal Context, Sub-Committee on Social, Behavioral and Economic Sciences, National Science and Technology Council*, Washington, DC: NSTC.
- Obama, Barack (2009), 'What Science Can Do', *Issues in Science and Technology*, Summer 23–30.
- OECD (1992a), *OECD Proposed Guidelines for Collecting and Interpreting Technological Innovation Data – Oslo Manual*, OCDE/GD (92)26, Paris: OECD.
- OECD (1992b), *Technology and the Economy: The Key Relationships*, Paris: OECD.
- OECD (1997), *The World in 2020: Towards a New Global Age*, Paris: OECD.
- OECD (1998), *21st Century Technologies: Promises and Perils of a Dynamic Future*, Paris: OECD.
- OECD (1999a), *Economic and Cultural Transition Towards a Learning City: The Case of Jena*, Paris: OECD.
- OECD (1999b), *The Future of the Global Economy: Towards a Long Boom?* Paris: OECD.

- OECD (1999c), *The OECD Jobs Strategy, Implementing the OECD Jobs Strategy: Assessing Performance and Policy*, Paris: OECD.
- OECD (2001a), *Measuring Productivity – OECD Manual: Measurement of Aggregate and Industry-Level Productivity Growth*, Paris: OECD.
- OECD (2001b), *Science Technology Industry Review, Special Issue on New Science and Technology Indicators*, No. 27, Paris: OECD.
- OECD (2001c), *Innovation and Productivity in Services*, Paris: OECD.
- OECD (2001d), *The New Economy: Beyond the Hype – The OECD Growth Project*, Paris: OECD.
- OECD (2002a), *Learning to Innovate: Learning Regions*, Paris: OECD.
- OECD (2002b), *Frascati Manual: Proposed Standard Practice for Surveys on Research and Development*, Paris: OECD.
- OECD (2003), *Measuring Knowledge Management in the Business Sector: First Steps*, Paris: OECD.
- OECD (2005a), *Governance of Innovation Systems, Volume 1: Synthesis Report*, Paris: OECD.
- OECD (2005b), *Governance of Innovation Systems, Volume 2: Case Studies in Innovation Policy*, Paris: OECD.
- OECD (2005c), *Governance of Innovation Systems, Volume 3: Case Studies in Cross-Sectoral Policy*, Paris: OECD.
- OECD (2005d), *Economic Policy Reforms 2005: Going for Growth*, Paris: OECD.
- OECD (2005e), *Innovation Policy and Performance: A Cross-Country Comparison*, Paris: OECD.
- OECD (2006a), *Economic Policy Reforms 2006: Going for Growth*, Paris: OECD.
- OECD (2006b), *Innovation and Knowledge-Intensive Service Activities*, Paris: OECD.
- OECD (2006c), *Advancing Sustainable Development*, Policy Brief, March, Paris: OECD.
- OECD (2007a), *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD.
- OECD (2007b), *OECD Reviews of Innovation Policy: South Africa*, Paris: OECD.
- OECD (2007c), *OECD Science, Technology and Industry Scoreboard 2007: Innovation and Performance in the Global Economy*, Paris: OECD.
- OECD (2007d), *Economic Policy Reforms 2007: Going for Growth*, Paris: OECD.
- OECD (2007e), *OECD Reviews of Innovation Policy: Chile*, Paris: OECD.
- OECD (2007f), *Integrating Science and Technology into Development Policies: An International Perspective*, Paris: OECD.
- OECD (2008a), 'The OECD LEED Forum on Social Innovations', <http://>

- www.oecd.org/document/53/0,3343,en_2649_34459_39263221_1_1_1_1,00.html, (accessed 30 September 2009).
- OECD (2008b), *Productivity Measurement and Analysis*, Paris: OECD.
- OECD (2008c), *OECD Reviews of Innovation Policy: Norway*, Paris: OECD.
- OECD (2008d), *OECD Science, Technology and Industry Outlook 2008*, Paris: OECD.
- OECD (2008e), *Main Science and Technology Indicators*, Volume 2008/2, Paris: OECD.
- OECD (2008f), *The Global Competition for Talent: Mobility of the Highly Skilled*, Paris: OECD.
- OECD (2008g), *Economic Policy Reforms 2008: Going for Growth*, Paris: OECD.
- OECD (2008h), *Open Innovation in Global Networks*, Paris: OECD.
- OECD (2008i), *OECD Reviews of Innovation Policy: China*, Paris: OECD.
- OECD (2009a), *Handbook on Deriving Capital Measures of Intellectual Property Products*, Paris: OECD.
- OECD (2009b), *Innovation in Firms: A Microeconomic Perspective*, Paris: OECD.
- OECD (2009c), *Guide to Measuring the Information Society*, Paris: OECD.
- OECD (2009d), *OECD Key Biotechnology Indicators*, Paris: OECD.
- OECD (2009e), *Statistical Framework for Nanotechnology*, Paris: OECD.
- OECD (2009f), *Economic Policy Reforms 2009: Going for Growth*, Paris: OECD.
- OECD (2009g), *2009 Interim Report of the OECD Innovation Strategy: An Agenda for Policy Action on Innovation*, Paris: OECD.
- OECD (2009h), *Growing Prosperity, Agriculture, Economic Renewal and Development, Draft Outcome Document for the Experts Meeting on 'Innovating out of Poverty'*, DCD/DAC (2009) 36, Paris: OECD.
- OECD (2009i), *Green Growth: Overcoming the Crisis and Beyond*, Paris: OECD.
- OECD/Eurostat (1997), *Proposed Guidelines for Collecting and Interpreting Technological Innovation Data – Oslo Manual*, Paris: OECD.
- OECD/Eurostat (2005), *Oslo Manual: Guidelines for Collecting and Interpreting Innovation Data*, Paris: OECD.
- OJC (2006), *Community Framework for State Aid for Research and Development and Innovation*, 2006/C323/01, Brussels: Commission of the European Communities.
- OMB/OSTP (2009), *Memorandum for the Heads of Executive Departments and Agencies*, M-09-27, Washington, DC: The White House.

- OST (2008), *Indicateurs de sciences et de technologies*, Paris: OST.
- Parven, Sergiu-Valentin (2007), 'Community Innovation Statistics: Fourth Community Innovation Survey (CIS 4) and European Innovation Scoreboard (EIS) 2006', *Statistics in Focus, Science and Technology No. 116, 2007*, Luxembourg: European Communities.
- Porter, Michael (1990), *The Competitive Advantage of Nations*, London: Macmillan.
- Pro Inno Europe (2007a), *A Memorandum on Removing Barriers for a Better Use of IPR by SMEs*, A Report for the Directorate General Enterprise and Industry by an IPR Expert Group, Brussels: DG Enterprise and Industry, www.proinno-europe.eu.
- Pro Inno Europe (2007b), *Guide on Dealing with Innovative Solutions in Public Procurement: 10 Elements of Good Practice*, Pro Inno Europe Paper No. 1, Commission Staff Working Document SEC (2007) 280, Brussels: DG Enterprise and Industry, www.proinno-europe.eu.
- Pro Inno Europe (2009a), *European Innovation Scoreboard 2008, Comparative Analysis of Innovation Performance*, www.proinno-europe.eu/metrics, Brussels: DG Enterprise and Industry.
- Pro Inno Europe (2009b), *Fostering User-Driven Innovation through Clusters*, Brussels: DG Enterprise and Industry.
- Rammer, Christian, Dirk Czarnitzki and Alfred Spielkamp (2008), *Innovation Success of Non-R&D-Performers, Substituting Technology by Management in SMEs*, Discussion Paper No. 08-092, Mannheim: ZEW (Centre for European Economic Research).
- République Française, Ministère de l'enseignement supérieur et de la recherche (2008), *La stratégie nationale de recherche et d'innovation chez nos concurrents*, Paris: République Française.
- RICYT (2004), *Proposed Structure for an Annex to the Oslo Manual as a Guide for Innovation Surveys in Less Developed Countries*, DSTI/STP/NESTI/RD(2004)3, Buenos Aires: RICYT.
- RICYT/OECD/CYTED (2001), *Standardization of Indicators of Technological Innovation in Latin American and Caribbean Countries: Bogotá Manual*, Buenos Aires: RICYT.
- Rodrik, Dani (2007), *One Economics, Many Recipes: Globalization, Institutions, And Economic Growth*, Princeton, NJ: Princeton University Press.
- Sainsbury, Lord (2007), *The Race to the Top: A Review of Government's Science and Innovation Policies*, Norwich: HMSO.
- Sarewitz, Daniel (2003), *Does Science Policy Exist, and If So, Does it Matter? Some Observations on the US R&D Budget*, Discussion Paper for Earth Institute Science, Technology, and Global Development Seminar, 8 April.

- Scerri, Mario (2006a), 'Introduction', in William Blankley, Mario Scerri, Neo Molotja and Imraan Saloojee (eds), *Measuring Innovation in OECD and Non-OECD Countries*, Cape Town: HSRC Press, pp. 1–5.
- Scerri, Mario (2006b), 'The Conceptual Fluidity of National Innovation Systems: Implications for Innovation Measures', in William Blankley, Mario Scerri, Neo Molotja and Imraan Saloojee (eds), *Measuring Innovation in OECD and Non-OECD Countries*, Cape Town: HSRC Press, pp. 9–19.
- Schaan, Susan and Mark Uhrbach (2009), *Measuring User Innovation in Canadian Manufacturing, 2007*, Catalogue 88F0006X, no. 3, Ottawa: Statistics Canada.
- Schellings, Robert and Fred Gault (2006), *Size and Persistence of R&D Performance in Canadian Firms, 1994 to 2002*, Catalogue no. 88F0006XIE-No. 008, Ottawa: Statistics Canada.
- SenterNovem (2006), *Subsidy Scheme for Innovation Vouchers*, The Hague: Ministry of Economic Affairs.
- Simon, Herbert (1996), *The Sciences of the Artificial*, 3rd edn, Cambridge, MA: MIT Press.
- Smith, K. (2004), 'Measuring Innovation', in J. Fagerberg, D.C. Mowery and R.R. Nelson (eds), *The Oxford Handbook of Innovation*, Oxford: Oxford University Press, pp. 148–77.
- Statistics Canada (1987), 'Survey of Manufacturing Technology – June 1987', *The Daily*, 15 October, Ottawa: Statistics Canada.
- Statistics Canada (1989), 'Survey of Manufacturing Technology: The Characteristics of the Plants', *Science Statistics*, **13**(10), Ottawa: Statistics Canada.
- Statistics Canada (1991), *Indicators of Science and Technology 1989: Survey of Manufacturing Technology – 1989*, Catalogue 88-002, vol. 1, no. 4, Ottawa: Statistics Canada.
- Statistics Canada (1999), *Science and Technology Activities and Impacts: A Framework for a Statistical Information System 1998*, Catalogue 88-522-XIB, Ottawa: Statistics Canada.
- Statistics Canada (2007), *North American Industry Classification System (NAICS) 2007 – Canada*, Ottawa: Statistics Canada.
- Statistics Canada (2008a), *The Canadian Research and Development Satellite Account, 1997 to 2004, Income and Expenditure Accounts Research Paper*, Catalogue no. 13-604-M no. 56, Ottawa: Statistics Canada.
- Statistics Canada (2008b), 'Survey of Advanced Technology 2007', *The Daily*, 26 June, Ottawa: Statistics Canada.
- Statistics Canada (2008c), 'Follow-up to the Survey of Advanced Technology 2007', *The Daily*, 27 October, Ottawa: Statistics Canada.

- Statistics Canada (2009), *Industrial Research and Development: Intentions 2008*, Catalogue no. 88-202-X, Ottawa: Statistics Canada.
- Sveiby, Karl-Eric (1997), *The Intangible Assets Monitor*, <http://www.sveiby.com/articles/IntangAss/CompanyMonitor.html>.
- Uhrbach, Mark (2009), *Innovation in the Canadian Manufacturing Sector: Results from the Survey of Innovation 2005*, Catalogue 88F0006, No. 2, Ottawa: Statistics Canada.
- UNESCO (2009), *Innovation for Development: Converting Knowledge to Value*, Summary Report, Paris 28–30 January 2009, Paris: UNESCO.
- UNIDO (2009), *Industrial Development Report 2009, Breaking In and Moving Up: New Industrial Challenges for the Bottom Billion and the Middle-Income Countries*, E.09.II.B.37, Vienna: UNIDO.
- UN Statistical Commission (1994), *UN Fundamental Principles of Official Statistics*, <http://unstats.un.org/unsd/dnss/gp/fundprinciples.aspx>.
- Urban, G.L. and Eric von Hippel (1988), 'Lead User Analyses for the Development of New Industrial Products', *Management Science*, **34**(5), 569–82.
- US Census Bureau (2009), *Business R&D and Innovation Survey*, Washington, DC: US Census Bureau.
- US Department of Commerce (1989), *Manufacturing Technology 1988*, Current Industrial Reports, Washington, DC: US Department of Commerce.
- US Department of Commerce (2008), *Innovation Measurement: Tracking the State of Innovation in the American Economy*. A report to the Secretary of Commerce by the Advisory Committee on Measuring Innovation in the 21st Century Economy, Washington, DC: US Department of Commerce.
- US National Science Board (2008), *Science and Engineering Indicators – 2008*, Arlington, VA: National Science Foundation.
- Vespignani, A. (2009), 'Predicting the Behavior of Techno-Social Systems', *Science*, **325**, 425–8.
- Vinodrai, Tara, Meric S. Gertler and Ray Lambert (2007), 'Capturing Design: Lessons from the United Kingdom and Canada', in OECD, *Science, Technology and Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD, pp. 65–86.
- von Hippel, Eric (1988), *The Sources of Innovation*, New York: Oxford University Press.
- von Hippel, Eric (2005), *Democratizing Innovation*, Cambridge, MA: MIT Press.
- von Hippel, Eric (2007), 'Democratizing Innovation: The Evolving Phenomenon of User Innovation', in OECD, *Science, Technology and*

- Innovation Indicators in a Changing World: Responding to Policy Needs*, Paris: OECD, pp. 125–38.
- von Tunzelmann, N. (2004), ‘Network Alignment in the Catching-Up Economies of Europe’, in F. McGowan, S. Radosevic and N. von Tunzelmann (eds), *The Emerging Industrial Structure of the Wider Europe*, London: Routledge, pp. 23–37.
- Wagner, Caroline (2008), *The New Invisible College: Science for Development*, Washington, DC: Brookings Institute Press.
- Wessner, Charles W. (ed.) (2007), *Innovation Policies for the 21st Century: Report of a Symposium*, Washington, DC: National Academies Press.
- Wessner, Charles W. (ed.) (2008), *An Assessment of the SBIR Program*, Washington, DC: National Academies Press.
- Wolfe, David (1998), ‘Social Capital and Cluster Development in Learning Regions’, in J. Adam Holbrook and David A. Wolfe (eds), *Kingston: School of Policy Studies*, Kingston, ON: Queen’s University.
- World Bank (2008), *Global Economic Prospects: Technology Diffusion in the Developing World, 2008*, Washington, DC: World Bank.
- Wright, Ronald (2004), *A Short History of Progress*, Toronto: House of Anasi Press.