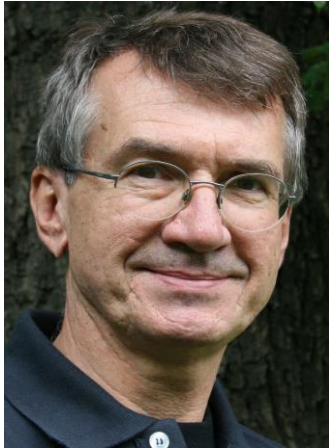


Curriculum Vitae - Jan Fagerberg



Contact information:

Professor Jan Fagerberg
Centre for Technology, Innovation and Culture
University of Oslo
P.O.Box 1108 Blindern
N-0349 Oslo

Email: jan.fagerberg@tik.uio.no

Webpage: <http://www.janfagerberg.org/>

Basic information

Jan Fagerberg is professor both at the University of Oslo, where he is affiliated with the Centre for Technology, Innovation and Culture (TIK), and at Ålborg University, where he is associated with the IKE Research Group (Department of Business and Management). He also has an affiliation with the Centre for Innovation, Research and Competence in the Learning Economy (CIRCLE) at Lund University. Previous affiliations include the Norwegian Ministry of Finance and the Norwegian Institute for Foreign Affairs (NUPI). Fagerberg studied history, political science and economics before he graduated from the University of Bergen in 1980 with a degree in economics. He holds a D. Phil. from the University of Sussex (1989), where he was at the Science Policy Research Unit (SPRU).

Research

In his research Fagerberg has among other things focused on the relationship between technology (innovation and diffusion) on the one hand and competitiveness, economic growth and development on the other. He has also worked on innovation theory, innovation systems and innovation policy. Fagerberg has published extensively on these and other

topics in books and journals. His research is widely cited and disseminated. There are nearly 1700 citations to his work in the Social Science Citation Index (ISI-Thomson) and five times as many in Google Scholar (CIRCLE Annual Report 2012). He is among the 1% most downloaded authors worldwide in “economics and related sciences” through the REPEC service.

During the period 1996-1999 Fagerberg was one of the co-ordinators of a large European project “Technology, Economic Integration and Social Cohesion (TEIS)” funded by European Commission (in which more than 50 European researchers and 15 different institutions took part). This work resulted in 1999 in the publication of the book “The Economic Challenge for Europe: Adapting to Innovation Based Growth” (Elgar) edited by Fagerberg, Paolo Guerrieri and Bart Verspagen.

Another initiative of his was the TEARI project (2002-2004), supported by the European Commission, which aimed at producing an authoritative survey of the role of innovation in modern societies. This project led in 2004 to the publication of “The Oxford Handbook of Innovation” at Oxford University Press, edited by Fagerberg, David Mowery and Richard Nelson. The handbook has since reprinted several times and came in paperback in 2005. It is also published in Italian and Chinese editions.

Between 2003 and 2008 Fagerberg led a large scale research effort funded by the Norwegian Research Council on the working of the Norwegian innovation system, one of the outcomes of which was the book “Innovation, Path Dependency and Policy: The Norwegian Case” (Oxford University Press 2009), edited by Fagerberg David Mowery and Bart Verspagen. In addition, during 2007-8, he headed a cross-disciplinary research group focusing on innovation at the Centre for Advanced Study (CAS), Norwegian Academy of Science and Letters in Oslo. Around twenty scholars participated in activities during that year, and many more participated in the three international workshops organized by the group, leading to, among other things, special sections in the journals *Research Policy* and *Industrial and Corporate Change* (in 2011 and 2012, respectively).

Recently Fagerberg has been engaged in a number of activities intended to map our current knowledge about innovation and stimulate discussions about the future research agenda in this area. One such initiative was the EXPLORE project, carried out between 2009 and 2011 with support from the DIME network of excellence (financed by the European Commission). Results from this project, which tried to map the knowledge base of not only innovation-studies but also entrepreneurship-studies and STS, appeared in a special issue of *Research Policy* in 2012. At Ålborg University he has, with the support of the Danish OBEL foundation, initiated a series of annual conferences about the future of innovation-studies, the first of which led to the publication of the book “Innovation Studies: Evolution and Future Challenges” (Oxford University Press 2013), edited by Fagerberg, Ben Martin, and Esben Sloth Andersen. Another initiative, also based at Ålborg University, is the InnoResource webpage, intended to promote dissemination of information among scholars and students in the field and increase the public visibility of innovation-studies.

Other

Fagerberg is on the editorial boards of the journals “Evolutionary Economics”, “Industry and Innovation”, “Research Policy” and “Technology Analysis & Strategic Management”. He has been keynote speaker at numerous international conferences. Between 2004 and 2008 he was Vice-President of the Joseph Schumpeter Society. Fagerberg has been visiting professor at several foreign universities including the University of California San Diego, the Technical University of Lisbon (where he was a “Gulbenkian Professor”) and the University of Sussex. He has served on several committees in Norway and elsewhere, including the Norwegian Research Council and the European Science Foundation, and has been a consultant to the European Commission, the OECD and the United Nations. Recently he served as chairman of a Norwegian governmental committee assessing the efficiency of public support to R&D (in the public and private sector). He also has extensive experience in teaching and supervision at the graduate and post-graduate level and has supervised six PhDs.

Selected Publications in English

Articles in journals:

- Fagerberg, J., Feldman, M. and Srholec, M. 2013. Technological Dynamics and Social Capability: US States and European Nations, *Journal of Economic Geography* (forthcoming).
- Clausen, Tommy, Jan Fagerberg and Magnus Gulbrandsen 2012. Mobilizing for change: a study of research units in emerging scientific fields. *Research Policy* 41(7), 1249- 1261.
- Fagerberg Jan, Hans Landström and Ben R. Martin 2012. Exploring the emerging knowledge base of ‘the knowledge society’. *Research Policy* 41 (7), 1121-1131
- Fagerberg, J., Fosaas, M. and K. Sapprasert 2012. Innovation: Exploring the knowledge base, *Research Policy* 41, (7), 1132-1153
- Fagerberg, J. and K. Sapprasert. 2011. National Innovation Systems: the emergence of a new approach. *Science and Public Policy* 38 (9), 669-679.
- Fagerberg, J., Fosaas, M., Bell, M., Martin, B.R. 2011. Christopher Freeman: Social science entrepreneur. *Research Policy* 40, 897-916.
- Fagerberg, J.; Srholec, M. & Verspagen, B. 2010. The Role of Innovation in Development. *Review of Economics and Institutions* 1 (2), p 1- 29, downloadable from <http://www.rei.unipg.it/rei/article/view/15>
- Fagerberg, J, D. Mowery and B. Verspagen 2009. The evolution of Norway’s national innovation system, *Science and Public Policy*, 36: 431-444
- Fagerberg, J. and B. Verspagen 2009. Innovation Studies - the emerging structure of a new scientific field, *Research Policy*, 38: 218-233
- Fagerberg, J. and Srholec, M. 2008. National Innovation systems, capabilities and economic development, *Research Policy*, 37: 1417-1435
- Fagerberg, J., Srholec, M. and Knell, M. 2007. The Competitiveness of Nations: Why Some Countries Prosper While Others Fall Behind?, *World Development*, 35 (10): 1595-1620.
- Fagerberg, J. and Verspagen, B. 2007. Innovation, growth and economic development: have the conditions for catch-up changed?, *International Journal of Technological Learning, Innovation and Development*, 1 (1): 13-33.
- Cappelen, A., Castellacci, F., Fagerberg, J. and Verspagen, B. 2003. The Impact of EU Regional Support on Growth and Convergence in the European Union, *Journal of Common Market Studies*, 41 (4): 621-44.
- Fagerberg, J. 2003. Schumpeter and the revival of evolutionary economics: an appraisal of the literature, *Journal of Evolutionary Economics*, 13, 125-159.
- Fagerberg, J. and B. Verspagen 2002. Technology-gaps, innovation-diffusion and transformation: an evolutionary approach, *Research Policy*, 31: 1291-1304.

- Fagerberg, J. 2000. Technological progress, structural change and productivity growth: a comparative study, *Structural Change and Economic Dynamics*, 11 (4): 393-411.
- Fagerberg, J., Verspagen, B. and Caniëls, M. 1997. Technology, Growth and Unemployment across European Regions, *Regional Studies*, 31 (5): 457-466.
- Fagerberg, J. and Verspagen, B. 1996. Heading for Divergence? Regional Growth in Europe Reconsidered, *Journal of Common Market Studies*, 34 (3): 431-448.
- Fagerberg, J. 1996. Technology and competitiveness, *Oxford Review of Economic Policy*, 12 (3): 39-51.
- Fagerberg, J. 1995. User-Producer Interaction, Learning and Comparative Advantage, *Cambridge Journal of Economics*, 19 (1): 243-256.
- Fagerberg, J. 1994. Technology and International Differences in Growth Rates, *Journal of Economic Literature*, XXXII (3): 1147-1175.
- Fagerberg, J. 1988. International Competitiveness, *The Economic Journal*, 98 (June): 355-374.
- Fagerberg, J. and Sollie, G. 1987. The method of constant market shares analysis reconsidered, *Applied Economics*, 19 (12): 1571-1584.
- Fagerberg, J. 1987. A technology gap approach to why growth rates differ, *Research Policy*, 16 (2-4): 87-99.

Articles in books:

- Fagerberg, J. 2011. Domestic Demand, Learning, and the Competitive Advantage of Nations: an Empirical Analysis. In *Competition, Competitive Advantages, and Clusters*, R. Huggins and H. Izushi (Eds.). Oxford: Oxford University Press
- Hildrum, J. M., D. Ernst and J. Fagerberg 2011. The complex interaction between global production networks, digital information systems and international knowledge transfers. In *Handbook On The Economic Complexity Of Technological Change*, Antonelli, C. (Ed.). Edward Elgar Publishing, 395 – 416.
- Fagerberg, J., Srholec, M., & Verspagen, B. 2010. Innovation and Economic Development. In B., Hall, & N., Rosenberg (Eds.), *Handbook of the Economics of Innovation* (pp.833-872). Vol. II. North Holland, 833-872.
- Fagerberg, Jan. 2010. "The changing global economic landscape: the factors that matter", in Robert M. Solow and Jean-Philippe Touffut (eds), *The Shape of the Division of Labour: Nations, Industries and Households*, Cheltenham, UK, and Northampton, MA, USA: Edward Elgar, pp. 6–31.
- Fagerberg, J. and Srholec, M. 2009 Innovation Systems, Technology and Development: Unpacking the Relationship(s). In Lundvall, B.-Å., Joseph, K.J., Chaminade, C. and Vang, J., eds., *Handbook of Innovation Systems and Developing Countries. Building Domestic Capabilities in a Global Context*, Cheltenham, Edward Elgar, 83-115.
- Fagerberg, J. 2007. The dynamics of technology, growth and trade: A Schumpeterian perspective, in Hanusch, H. and A. Pyka (eds.), *Elgar Companion to Neo-Schumpeterian Economics*, Edward Elgar, Cheltenham, pp. 705-18.
- Fagerberg, J. 2006. Knowledge in Space: What Hope for the Poor Parts of the Globe?, in Kahin, B. and Foray, D. (eds.) *Advancing Knowledge and the Knowledge Economy*, MIT Press, Massachusetts, 2006, pp. 217-234.
- Fagerberg, J. 2006. What do we know about innovation and socio-economic change? Lessons from TEARI project, in Earl, L. and Gault, F. (eds.) *National Innovation, Indicators and Policy*, Edward Elgar, Cheltenham, 2006, pp. 11-23.
- Godhino, M. M., Fagerberg, J. 2004. Innovation and Catching-Up, in Fagerberg, J., Mowery, D., and Nelson, R. (eds.) *The Oxford Handbook of Innovation*, Oxford University Press, Oxford, 2004.
- Fagerberg, J. 2004. Innovation: A guide to the Literature, in Fagerberg, J., Mowery, D., and Nelson, R. (eds.) *The Oxford Handbook of Innovation*, Oxford University Press, Oxford, 2004. -1554.
- Fagerberg, J. 2001. Europe at the Crossroads: The Challenge from Innovation-based Growth, in Archibugi, D. and Lundvall, B.-Å. (eds.), *The Globalizing Learning Economy*, Oxford University Press, New York, pp. 45-60.

Fagerberg, J. 2000. Vision and Fact: A Critical Essay on the Growth Literature, in Madrick, J. (ed.), *Unconventional Wisdom, Alternative Perspectives on the New Economy*, The Century Foundation, New York, pp. 299-320.

Books:

Fagerberg, J., Martin, B. R. and Andersen, E. S. (eds.) 2013 *Innovation Studies - Evolution and Future Challenges*, Oxford University Press

Fagerberg, J., Mowery, D. and Verspagen, B. (eds.) 2009. *Innovation, Path Dependency and Policy: The Norwegian case*, Oxford University Press

Fagerberg, J., Mowery, D., and Nelson, R (eds.) 2004. *The Oxford Handbook of Innovation*, Oxford University Press, Oxford. (also published in Italian and Chinese editions)

Fagerberg, J. 2002. *Technology, Growth and Competitiveness: Selected Essays*, Edward Elgar, Cheltenham.

Fagerberg, J., Guerrieri, P. and Verspagen, B (eds.) 1999, *The Economic Challenge for Europe: Adapting to Innovation Based Growth*, Edward Elgar, Cheltenham.

Fagerberg, J., Hansson, P., Lundberg, L. and Melchior, A. 1997. *Technology and International Trade*, Edward Elgar, Cheltenham.

Fagerberg, J., Verspagen, B. and von Tunzelmann, N. (eds.) 1994. *The Dynamics of Technology, Trade and Growth*, Edward Elgar, Aldershot.

Fagerberg, J. and Lundberg, L. (eds.) 1993. *European Economic Integration: A Nordic Perspective*, Avebury, Aldershot.