

# ELIZABETH SHOVE

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## Curriculum Vitae

### Current and past posts

2005-	Professor, Department of Sociology, Lancaster University
2003-2005	Reader, Department of Sociology, Lancaster University
2000 -2003	Senior Lecturer, Department of Sociology, Lancaster University
1998 -2000	Director, Centre for Science Studies, Lancaster University
1995 -1998	Deputy Director, Centre for the Study of Environmental Change, Lancaster University
1995	Reader, Social and International Studies, University of Sunderland
1992 -1995	Senior Lecturer, Social and International Studies, University of Sunderland
1985 -1992	Research Fellow, Institute of Advanced Architectural Studies, University of York

### Research fellowships

2008-2012	ESRC Climate Change Leadership Fellowship
2001	Leverhulme Research Fellow

### Visiting positions

2012 (February)	Institute for Advanced Studies, Vienna, Austria
2009 -2012	Adjunct Professor, RMIT, Melbourne, Australia
2009 (Feb-March)	Visiting Professor, RMIT and Swinburne University, Melbourne, Australia
2008 (Feb-April)	Otto Monsted Guest Professor, Danish Technical University, Denmark
2006 (Feb-March)	Visiting Professor, IAE University of Toulouse, France
2004 (Jan-March)	Visiting Research Fellow, Said Business School, University of Oxford
2003 (Oct-Nov)	Visiting Lecturer, Helsinki School of Economics and Visiting Senior Research Fellow, National Consumer Research Centre, Helsinki, Finland.
2001 (March-April)	Visiting Scientist, Lawrence Berkeley National Laboratory, California, USA.
2000 – 2005	Honorary Research Fellow, Centre for Research in Innovation and Competition, Manchester University.

### Academic qualifications

1981	BA (Hons) Sociology 2(i), University of York
1986	D.Phil., Department of Sociology, University of York.

### Professional activities (since 2010)

2013	ESRC selection panel, 'social science of the nexus: energy, environment and food security' (£1.8million)
2013	Advisory board, Centre for Energy Epidemiology, UCL, London
2013	Expert panel 'Liveable Cities' project
2011 -	Convenor of the British Sociological Association Climate Change Study group (198 members)
2011	External Assessor, Appointment panel, University of Antwerp
2011	Advisory board, STEP EPSRC project, Leeds and Manchester

### Editorial board membership

- *\*Energy research and social science*, 2013-
- *Environment and Planning A* 2003 -2012
- *Journal of Home Cultures* 2003 -
- *Society and Natural Resources* 1999-2002

### Examining

- Examiner for PhD theses at: Delft, Edinburgh, Lancaster Management School; Copenhagen Business School; University College London; University of Manchester, Paris Nanterre, University of Helsinki.
- External Examiner, 2008-2011 London School of Economics, for MSc in Culture and Society, Political Sociology, Sociology, and Race, Ethnicity and post colonial studies.
- External Examiner, 1999 – 2002, University of Surrey, for MAs in Social Research Methods and Social Research Methods and Environmental Sociology.

### Teaching

**Research Students:** While at Lancaster I have set up nine CASE studentships and three sponsored studentships. Of the 29 PhD students I have supervised at Lancaster, 25 have completed within four years (three have withdrawn and one is intercalating for a year).

**Visiting research students:** This far, 13 visiting PhD students have come to work with me for periods ranging from 3 to 11 months. They have come from Austria, Denmark (x2), Finland (x2), Australia, the Netherlands, Italy (x2), Switzerland, Belgium, Germany and the UK.

### **Masters and Undergraduate Teaching**

*Masters courses at Lancaster:* 'Research Projects in Practice: from Design to Dissemination'; *Undergraduate courses at Lancaster:* Dissertation module co-ordinator; 2<sup>nd</sup>-3<sup>rd</sup> year course 'Technologies and Practices in Everyday Life'; *Lancaster Faculty Research Training programme:* Short courses on research project management/research proposal writing. Courses previously taught at the University of Sunderland; University of Newcastle and University of York included *Undergraduate:* Sociological Research Methods; Sex, Family and Social Change; Introduction to Sociology; Social and political aspects of architecture. *Masters:* Research Design.

## **Publications**

### **Books**

- Shove, E. and Spurling, N. (eds) (2013) *Sustainable Practices: Social theory and climate change*, London: Routledge, 208 pages.
- Shove, E., Pantzar, M. and Watson, M. (2012), *The Dynamics of Social Practice: Everyday life and how it changes*, London: Sage. 240 pages.
- Shove, E., Trentmann, F., and Wilk, R. (eds). (2009) *Time, Consumption and Everyday Life*, Oxford: Berg. 236 pages.
- Shove, E., Chappells, H., and Lutzenhiser, L. (eds.) (2009) *Comfort in a Lower Carbon Society*, London: Routledge. 160 pages.
- Shove, E., Watson, M., Hand, M. and Ingram, J. (2007) *The Design of Everyday Life*, Oxford: Berg. 174 pages.
- Van Vliet, B., Chappells, H. and Shove, E., (2005) *Infrastructures of Consumption: Restructuring the Utility Industries*, London: Earthscan. 160 pages.
- Pantzar, M. and Shove, E. (eds), (2005) *Manufacturing Leisure*, Helsinki: NCRC. 270 pages.  
[http://www.ncrc.fi/files/4717/2005\\_01\\_publications\\_manufacturingleisure.pdf](http://www.ncrc.fi/files/4717/2005_01_publications_manufacturingleisure.pdf)
- Shove, E. (2003) *Comfort, Cleanliness and Convenience: the Social Organization of Normality*, Oxford: Berg. 221 pages.
- Redclift, M., Shove, E., van der Meulen, B. and Raman, S., (2000) *Social Environmental Research in the European Union: Research networks and new agendas*, Cheltenham: Elgar. 142 pages.
- Guy, S. and Shove, E., (2000) *A Sociology of Energy, Buildings and the Environment: Constructing Knowledge, Designing Practice*, London: Routledge. 164 pages.

### **Peer reviewed journal articles in press**

- Shove, E. and Walker, G. "What is energy for? Social practice and energy demand", forthcoming in *Theory, Culture and Society*.
- Shove, E. Walker, G. and Brown, S. "Material culture, room temperature and the social organisation of thermal energy" *Journal of Material Culture*, in print June 2014 Vol 19, No. 2.

### **Peer reviewed journal articles published**

- Shove, E., Walker, G. and Brown, S. (2013) Transnational Transitions: The Diffusion and Integration of Mechanical Cooling, *Urban Studies*, DOI: 10.1177/0042098013500084; online 19 August 2013.
- Shove, E. (2012). "Putting practice into policy: reconfiguring questions of consumption and climate change." *Contemporary Social Science*: 1-15.
- Shove, E. (2012) "The shadowy side of innovation: unmaking and sustainability", *Technology Analysis and Strategic Management*, 24(4): 345-362.
- Chappells, H., Medd, W. And Shove, E. (2011) 'Disruption and change: drought and the inconspicuous dynamics of garden lives' *Social & Cultural Geography* 12 (7): 701-715.
- Shove, E. (2011) 'On the difference between chalk and cheese—a response to Whitmarsh et al's comments on "Beyond the ABC: climate change policy and theories of social change"'. *Environment and Planning A*. 43 (2): 262-264.
- Pantzar, M. and Shove, E. (2010), 'Temporal rhythms as outcomes of social practices: a speculative discussion', *Ethnologia Europaea* 40(1): 19-29.
- Shove, E. (2010) 'Beyond the ABC: climate change policy and theories of social change', *Environment and Planning A*. 42 (6): 1273 – 1285.
- Shove, E. (2010) 'Social theory and climate change: questions often, sometimes and not yet asked', *Theory Culture*

- and Society*, 27 (2-3): 277-288.
- Pantzar, M. and Shove, E. (2010), 'Towards a theory of practice innovations: a discussion of the production and reproduction of Nordic Walking', *Technology Analysis and Strategic Management*, 22(4): 447-461.
- Shove, E. and Walker, G. (2010) 'Governing Transitions in the Sustainability of Everyday Life' *Research Policy*. 39 (4): 471-476.
- Shove, E. and Walker, G. (2008) 'Transition management and the politics of shape shifting' *Environment and Planning A* 40: 1012 – 1014.
- Watson, M. and Shove, E. (2008) 'Product, Competence, Project and Practice: DIY and the dynamics of craft consumption' in the *Journal of Consumer Culture* Vol 8(1): 69–89.
- Garrow, D. and Shove, E. (2007) 'Artefacts between disciplines. The Toothbrush and the Axe' Discussion article. *Archaeological Dialogues*, 14(2): 117-131.
- Walker, G. and Shove, E. (2007) 'Ambivalence, Sustainability and the Governance of Socio-Technical Systems', *Journal of Environmental Policy and Planning*, 9(3-4): 213-225.
- Shove, E. and Walker, G. (2007) 'Caution! Transitions ahead: politics, practice and sustainable transition management', *Environment and Planning A*, 39(4) 763 – 770. (60% contribution)
- Shove, E. and Pantzar, M. (2007) 'Recruitment and reproduction: the careers and carriers of digital photography and floorball' *Journal of Human Affairs*, 17: 154-167.
- Hand, M., Shove, E., and Southerton, D., (2007)"Home extensions in the United Kingdom: space, time, and practice" *Environment and Planning D: Society and Space* 25(4): 668-681.
- Shove, E., Watson, M. and Ingram, J. (2007) 'Products and practices: selected concepts from science and technology studies and from social theories of consumption and practice', *Design Issues*, 23(2): 3-16.
- Hand, M. and Shove, E. '(2007) Condensing Practices' *Journal of Consumer Culture*, 7(1): 79-104.
- Shove, E. and Pantzar, M. (2006) 'Fossilisation', *Ethnologia Europaea: Journal of European Ethnology*, 35:1-2: 59-63.
- Shove, E. and Southerton, D. (2006) Mrazák dobře rozmrazený: Od novosti k pohodlí (příběh normalizace) [translation of: Defrosting the freezer: From novelty to convenience (A narrative of normalization - 2000)]. *Biograf* (39): 49 paragraphs. <http://www.biograf.org/clanky/clanek.php?clanek=3901>
- Hand, M., Shove, E. and Southerton, D.,(2005) 'Explaining showering: a discussion of the material, conventional and temporal dimensions of practice', *Sociological Research Online*. 10(2): <http://www.socresonline.org.uk/10/2/hand.htm>.
- Cass, N., Shove, E., and Urry, J. (2005) 'Social exclusion, mobility and access', *Sociological Review* 53(3)539-556.
- Shove, E., and Pantzar, M., (2005) 'Consumers, producers and practices: understanding the invention and reinvention of Nordic Walking' *Journal of Consumer Culture*, 5 (1): 43-64.
- Chappells, H., and Shove, E. (2005) 'Debating the future of comfort: environmental sustainability, energy consumption and the indoor environment' *Building Research and Information* 33(1): 32-40.
- Shove, E., (2004) 'Efficiency and Consumption: Technology and Practice', *Energy and Environment*, 15(6): 1053-1065.
- Hand, M. and Shove, E., (2004) 'Orchestrating Concepts: Kitchen Dynamics and Regime Change in *Good Housekeeping* and *Ideal Home* 1922-2002', *Home Cultures*, 1(3): 235-256.
- Shove, E., (2003) 'Converging conventions of comfort, cleanliness and convenience' *Journal of Consumer Policy*. 26(4) 395-418.
- Shove, E.,(2003) 'Principals, Agents, Actors and Research Programmes', *Science and Public Policy*, special issue on principal agent theory edited by D. Braun, 30(5) 371-381.
- Shove, E., (2003) 'Users, technologies and expectations of comfort, cleanliness and convenience' *Innovation*. Special issue on users and design edited by H. Rohracher and J. Jelsma. 16(2):193-207.
- Southerton, D., Shove, E., Warde, A. and Deem, R., (2001) 'The Social Worlds of Caravanning: Objects, Scripts and Practices', in *Sociological Research Online*, vol 6. No 2. <<http://www.socresonline.org.uk/6/2/southerton.html>>
- Shove, E. and Southerton, D., (2000) 'Defrosting the Freezer: from Novelty to Convenience', *Journal of Material Culture*, 5(3): 301-319.
- Shove, E. and Rip, A., (2000) 'Users and Unicorns: a discussion of mythical beasts in interactive science', *Science and Public Policy*, Special Issue on Interactive Social Science, edited by Elizabeth Shove and Chris Caswill, 27(3) June 2000: 175-182.
- Shove, E. and Caswill, C., (2000) 'Introducing Interactive Social Science', *Science and Public Policy Special Issue on Interactive Social Science*, 27 (3) June 2000: 152-157.
- Shove, E. and Caswill, C. (2000) 'Postscript', *Science and Public Policy Special Issue on Interactive Social Science*, 27 (3) June 2000: 220-222.
- Chappells, H. and Shove, E., (1999) 'The Dustbin: A study of domestic waste, household practices and utility services', *International Planning Studies*, 4 (2): 267-280.
- Lutzenhiser, L. and Shove, E., (1999) 'Contracting Knowledge: the organizational limits to interdisciplinary energy

research and development in the US and the UK, *Energy Policy*, 27(4): 217-227.

Shove, E., (1999) 'Gaps Barriers and Conceptual Chasms: Theories of Technology Transfer and Energy in Buildings', *Energy Policy*, 26: 1105-1112.

Shove, E., (1998) 'Relevance, Independence and Capture', *Building Research and Information: The International Journal of Research, Development, Demonstration and Innovation*, 26(6): 386-389.

Shove, E., (1998) 'Designers as Consumers and Consumers as Designers', in *ARTTU!* 5-6, Helsinki University of Art and Design.

Shove, E. and Simmons, P. (1997) 'Research contexts and policy knowledge: linking social science research and environmental policy', *Science and Public Policy*, 24(4): 214-222.

### Book chapters

In total I have published 36 book chapters, the more recent of which are listed below.

Shove, E. (2012) "Habits and their creatures" in Warde, A. and Southerton, D. (eds), *The Habits of Consumption*, The COLLEGIUM series, Helsinki Collegium: Helsinki, Finland. Volume 12:

[http://www.helsinki.fi/collegium/e-series/volumes/volume\\_12/index.htm](http://www.helsinki.fi/collegium/e-series/volumes/volume_12/index.htm).

Shove, E. (2012) "Energy Transitions in Practice: The Case of Global Indoor Climate Change" in *Governing the Energy Transition: Reality, Illusion or Necessity?* Verbong, G. and Loorbach, D. (Eds), London: Routledge.

Shove, E. (2012), "Comfort and Convenience" in Trentmann, F. (ed.) *Consumption in History*, Oxford: Oxford University Press. Pages 289-306.

Shove, E. and Araujo, L. (2010) "Consumption, materiality and markets", in Araujo, L., Finch, J. and Kjellberg, H. (2010), *Reconnecting Marketing to Markets*, Oxford: Oxford University Press. (pages 13-28)

McHardy, J., Olsen, J., Southern, J. and Shove, E. (2010) 'Makeshift users: the role of users in a relational account of design' in Simonsen, J., Buscher, M, and Bærenholdt, J. (Eds), *Research Based Design*, Routledge. (pages 95-108).

### Reports/media articles

Allison Hui, Elizabeth Shove (13 Nov 2013) "All this talk about lights hides bigger energy challenges" *The Conversation*.

<http://theconversation.com/all-this-talk-about-lights-hides-bigger-energy-challenges-19861>

Allison Hui, Elizabeth Shove, Gordon Walker (24 Oct 2013), "School holiday shake up brings unintended consequences", *The Conversation*, (1,200 readers)

<http://theconversation.com/school-holiday-shakeup-brings-unintended-consequences>

Nicola Spurling, Andrew McMeekin, Elizabeth Shove, Dale Southerton, Daniel Welch, (2013), "Interventions in Practice: reframing policy approaches to consumer behaviour"

<http://www.sprg.ac.uk/projects-fellowships/theoretical-development-and-integration/interventions-in-practice---sprg-report>

Strengers, Y., Maller, C., Shove, E. and Walker, G. (15 November 2012), "Air conditioning is peaking out, time to rethink cool comfort", *The Conversation*, (15,000 readers)

<http://theconversation.com/air-conditioning-is-peaking-out-time-to-rethink-cool-comfort-10598>

### Research contracts and awards

Between 1985 and 1995 I was principal applicant for 14 research grants, together representing £298,935 of research income, including five ESRC awards. Other significant contracts were funded by the Department of Trade and Industry and the Energy Efficiency Office. While at Lancaster (since 1995) I have been principal applicant for 30 funded projects and co-applicant on a further 13. Ten of these projects have been ESRC funded, five funded by the EU and others by the EPSRC, Department for Transport, Transport for London and Unilever. Together these have generated over **£8.9 million** of external research funding. In addition I have secured funding for nine ESRC CASE studentships and three sponsored studentships, representing an additional £100,000 of non-ESRC co-funding for Lancaster research students.

#### Awards and contracts since 2010

2013 Research Councils UK, Electricity de France (R and D), IEA and Transport for London £7.1 million in total (£4.95 million from RCUK/EDF, £2.15 million contribution in kind/institutional support), for the DEMAND research centre of which I am the PI and director.

2013 NWDTIC (with Imogen Tyler), £870 contribution to the Lancaster Sociology Intellectual Party

2013 ESRC 'The Climate Crunch', award to promote the work of the 6 ESRC climate change leadership fellows (coordinated by Roger Street, Oxford), £12,548 to Lancaster.

2011 ESRC Festival of Social Science, £1,500 to run an exhibition and workshop, "DAY 22", hosted by the Department of Energy and Climate Change.

- 2010 The Forge: Network and Summer Schools, with Greg Marsden, Leeds. ESRC funded. £9,667 to Lancaster.
- 2010 Sustainable Practices Research Group. I am co-director of this group. £278,784 of the Group's £1.4 million funding (ESRC/Defra/Scottish Government) comes to Lancaster. Others involved at Lancaster include Gordon Walker, Will Medd, Alison Browne and Sam Brown.
- 2010 'TEMPOS – temporary spaces of innovation', subcontract from Prof. Ulrik Jorgensen, Danish Technical University. Award to Lancaster (£46,736)

### Conferences, seminars, invited lectures, exhibitions since 2011

**Seminar and conference organisation:** I have recently (since 2011) organised or co-organised 8 conferences/ events and research workshops, all of which have been externally funded.

- Co-organisation of the Sustainable Practices Research Group final event, a debate/exhibition in London attended by 175 people, including the design of 6 of the posters.  
<http://www.sprg.ac.uk/news-events/sprg-events/sprg-finale-event-sustainability--social-practices--policy>.
- Forge summer schools (social science/transport), York, September 2012 and Lancaster, September 2013
- Sustainable Practices Research Group, Symposium, April 2012; diversity/difference workshop, 2012
- Transitions in Practice international workshop, March 2012
- SPRG workshops for the Scottish Government, Edinburgh, (January 2012; May 2012)

**Invited Keynote Lectures:** Some of the more *significant invited keynote lectures* of the last two years include:

- May 2012 Invited keynote presentation, CONSENSUS conference, Galway, Ireland.
- October 2012 Invited keynote presentation, UK Energy Research Centre, Oxford, on "Practice Theory"
- November 2012 Public Lecture, University of Queensland, Brisbane
- November 2012 Public Lecture, RMIT, Melbourne
- November 2012 Invited keynote presentation, Milen conference (Norway), Oslo
- June 2013 Invited keynote presentation, Nordic Environmental Social Science conference, Copenhagen
- June 2013 Invited keynote presentation, conference of the European Society for Ecological Economics, Lille
- September 2013 Invited keynote presentation, Mobilities Futures conference, Lancaster University

**Conference panel organisation:** Since 2011 I have I co-convened panels and streams at the British Sociological Association, London (2012; 2013); European Association for the Study of Science and Technology, Copenhagen, (2012).

**Invited seminars:** Since 2011 I have given *invited seminars/lectures* at UK universities Southampton, Oxford, Coram institute London, Brunel, Reading, York and Manchester, as well as in France (Autun); Australia (Brisbane, RMIT); Netherlands (Wageningen symposium organised around my book, *The Dynamics of Social Practice*); and Berlin/Frankfurt Oder (another symposium/seminar organised around the *Dynamics of Social Practice*).

**Exhibitions:** The DAY 22 exhibition on indoor climate and room temperature (produced in 2011) has been exhibited at RMIT Melbourne, and formed part of a one day event on behaviour change, organised for the Scottish Government (June 2013).

### Management/Leadership

As Doctoral Director (2005-2008) I was responsible for overseeing research student supervision, recruitment and administration within the department. I added new procedures for checking annual review reports for all students and personally monitored the progress of all fourth year students. This contributed to what was, at the time, a good departmental PhD completion rate of 80% within four years.

**Sociology Summer Conference:** In 2007 I introduced what has grown to become a major annual research student conference. This event is designed and managed by myself and a student organising committee. In 2013 the three day Sociology Summer conference was attended by 84 research students, 50 of whom were from other institutions in the UK, Europe and around the world.

**Postgraduate Strategy:** I have recently argued for and managed to achieve a slimmed down application process for visiting students (2012). This is a step forward for the faculty/university as a whole.

**Faculty committees/appointments committees:** I have been a member of the Faculty Promotions Committee and am currently a member of the Chairs and Readerships Committee.