Institution: **LANCASTER UNIVERSITY**

Unit of Assessment: **23 Sociology**

a. Overview

This unit of assessment comprises the single entity, the Department of Sociology. Since its founding in 1969, it has initiated and sustained world-leading programmes of research and scholarship. In this REF period the Department received 131 research grants with a spend of £8.3m; it supervised 60 PhDs to completion and its 30 submitted staff produced 45 special issues of journals and monographs.

The Department's responsibilities and staff numbers grew significantly over this period, absorbing UG/PG and research programmes in Media and Cultural Studies (2010), and in Social Work (2013). There are 9 research centres within the Department – including 2 major Research Council-funded Centres, CESAGen (2002-13) and DEMAND (2013-18). Members of the Department are helping to lead 2 of the 4 newly created Lancaster University (LU) Research Centres: Centre for Mobilities Research and Security Lancaster. Sociology is a core department within the Faculty of Arts and Social Science (FASS), the largest Faculty in the University.

b. Research strategy

The Department's world-leading reputation and impact has been developed and sustained over four decades. This has involved initiating and sustaining research that especially engages with pivotal economic, social and environmental issues. It has sought to develop and sustain research that is original, significant and rigorous, as indicated by various measures/criteria. Its more specific aim has been to develop a 'public sociology' that investigates, protects and enhances notions of the public interest in uncertain times.

The strategy outlined in RAE 2008 was to develop and sustain research, publishing and impact within 9 areas over the next few years. All areas were successfully developed and vital new programmes of significant work engendered.

1. Consolidating Rural Economy and Land Use (RELU) research – *achieved through 2 ESRC RELU projects, one being the basis for the Impact Case Study by WATERTON*
2. Developing mobilities.lab – *achieved through the University upgrading the Centre for Mobilities Research to a LU Research centre led by BÜSCHER, URRY, TYFIELD*
3. Extending work on contemporary China –*developments led by TYFIELD include a Cross-University China Group, a University Confucius Centre and a new ESRC £483k grant*
4. Developing Ethical Frameworks of Technologies Research – *achieved through EU funded-projects directed by MORT/ROBERTS in part related to their Impact Study; EPSRC project ISIS and EU funded iCOP under Security Lancaster (MAY-CHAHAL); CESAgen's ESRC/EU-funded work on social-economic-ethical issues (WYNNE et al); and EU projects on the ethics of crisis management (BÜSCHER)*
5. Restructuring Centre for Gender and Women's Studies – *realised through developments led by FORTIER and now directed by ROBERTS/TYLER building on a 30 year history of research*
6. Elaborating connections with the new design studio imagination@lancaster – *achieved through collaborative projects involving BÜSCHER (EU), DANT (EPSRC), URRY (EPSRC)and other staff and PhD students*
7. Developing work with ESRC Methods Node on statistical modelling – *realised through ESRC research/research studentships involving MAY-CHAHAL and WALBY with the Department of Mathematics and Statistics*
8. Establishing a Research Centre for Culture and Emotions – *achieved differently through incorporating the Media and Cultural Studies BA, MA and PhD programmes, related staff and developing their 'cultural' research*
9. Extending and developing CESAGen's through the second phase of ESRC funding – *achieved via the work of staff and RAs in extensive collaboration over 11 years with Cardiff colleagues*

In order to continue producing world-leading research, various research clusters have been developed, each made up of at least one professor, as well as senior and junior staff, RAs, visitors and PhDs. These help to form new projects and enhance capacity building. The strategy also involves producing scholarly monographs, articles in peer-reviewed journals, and special issues of

peer-reviewed journals, as well as popular books, research reports, media including social media, book chapters, popular articles, collective lectures, edited books, and exhibitions. The research strategy also involves supporting staff as they seek substantial research council and other funding for their innovative work, often in collaboration with colleagues in various disciplines at Lancaster or elsewhere, including in computing, health and environmental science. More senior staff mentor junior colleagues within these various research clusters with regard to grant applications, publications and potential impact.

Such research also normally involves sustained collaboration with research users and partners, including major international bodies (EEA, European Parliament, UNESCO, UNECE, OECD, UNRISD, Convention on Biological Diversity, Interpol), national government bodies (Commission for Rural Communities, Equality and Human Rights Commission, DfT, Defra, DECC, Scottish government, All-Party Parliamentary Group on Agroecology), city governments (Manchester as an 'experimental city'), local authorities (Lancashire County Council), public services (NW Ambulance Service), political parties (Red/Green Alliance in Denmark), major science bodies (Royal Society, NERC, Natural History Museum, Smithsonian Institution, Berlin Natural History Museum), leading corporations (Intel, Microsoft, SNCF, Genetic-ID), SMEs (especially in Chinese low carbon), art exhibitions and events (Storey/ FutureEverything, the Birthrites Collection: Whitworth and Whitechapel Art Galleries, Institute of International Visual Arts), and NGOs (Loweswater Care Project, NSPCC, Women's Aid, Women Against Violence Europe, AgeUK, Third World Network, asylum advocacy organisations).

Briefly the current 8 main research clusters are:
CESAGen ESRC Centre (MACKENZIE, MCNALLY, SZERSZYNSKI, TUTTON, WATERTON, WYNNE). This ESRC Centre conducted multidisciplinary research on the economic, social and political shaping of genomic and related biosciences. The overall funding for the combined centre with Cardiff stretching over a decade was at the time the ESRC's largest single investment. Research has been pursued through studies of genetic databases and 'big data', the political economy of promise in the biosciences, and the 'publics' of the new biosciences. Projects developed analyses of the changing forms of knowledge-production with reference to intensified commercialization, industrialisation and globalisation; developments in animal-human relations, as well as studies of the generation, circulation and consumption of key representations of the biosciences in society. Cross-cutting work highlights neglected environmental and gender issues, limits on public engagement, and (mis)perceptions of personalized medicine. Recent outputs include a special issue of *Sociology* on 'Genomics and Identity' (TUTTON) and the monographs *Barcoding Nature* (WATERTON, WYNNE) and *Truth Machine* (MCNALLY).

Children and Childhood (JEYASINGHAM, MAY-CHAHAL, MOORE) The Child Welfare Research Unit co-ordinates applied work in childhood and youth research, hosting conferences and seminars to facilitate research and practice development addressing problems of children and young people. The work spans reflexivity and relationship-based practice, sexuality and space, child trafficking and 'cyborg childhoods'. Staff collaborate in joint projects with Sussex, Birmingham, Durham and Glasgow. MAY-CHAHAL co-directs *Security Lancaster*, one of eight new academic centres of excellence in cyber-security research in the UK funded by the Global Uncertainties Programme (RCUK), GCHQ and BIS. Childhood-focused projects include ISIS, YouDesignIT and iCOP (ESRC/EPSRC, EU Safer Internet Programme), drawing on natural language analysis and image analysis to develop tools in partnership with young people to address safety and security concerns. MOORE collaborates in Security Futures using *in-situ* survey methods to understand contemporary youth drug use according to types of night-time economy, supporting technology development for tracking emergent trends in drug use. Articles have been published in *British Journal of Social Work*, *Social and Cultural Geography*, *Social Work and Social Science Review*, *Addiction Research and Theory, Criminology and Criminal Justice* and *Computer*.

Economic and Political Sociology including (1) the bases and dynamics of class relations, inequalities of income and wealth, their intersection with gender-based and other forms of inequalities, and their individual and interactive effects on economic, political, and social flourishing and suffering (GROVER, SAYER, WALBY); (2) varieties of capitalism, finance-led accumulation, recent financial crises, including their gendered dimensions, and historically competing accounts of the interwar economic crises (JESSOP, WALBY); (3) state and/or governance theories; fiscal

sociology and welfare restructuring; social democracy, the Third Way and neo-liberalism; and critical policy analysis (GROVER, JESSOP, WALBY); (4) governmentality, sovereignty, states of emergency and their links to bio-politics, capitalism, and state changes (DIKEN, JESSOP). Monographs include *The Social Fund Twenty years On* (GROVER), *Crime and Inequality* (GROVER), *Globalization and Inequalities: Complexity and Contested Modernities* (WALBY), *Political Economy and Global Capitalism: The 21st Century, Present and Future* (JESSOP co-ed), and *Education and the Knowledge-Based Economy in Europe* (JESSOP co-ed).

Environment, Technology and Science (BÜSCHER, HUI, MACKENZIE, MCNALLY, MORT, ROBERTS, SHOVE, SINGLETON, SUCHMAN, SZERSZYNSKI, TYFIELD, TUTTON, URRY, WATERTON, WYNNE). Research in this area examines the contemporary politics of, and reconfigurations in, the relationships between science, technology, environment and society. This includes collective forms of environmental governance; theoretical and empirical work on geo-engineering; saturation of hormones in the environment; biomedicine; disasters, animal health, farm accounting and veterinary science; IT supported crisis management; and climate change and low carbon innovation in China (including policy publications in Mandarin). Grants from ESRC, EPSRC, BIS, AHRC, NERC, Norwegian Research Council, EU, RCUK, RELU, and Leverhulme support this often highly policy-relevant research. SHOVE's ESRC fellowship and the subsequent DEMAND Centre (Dynamics of energy, mobility and demand) funded by EPSRC/ESRC Energy Programme is reframing climate change, behaviour and consumption. Many PGRs and post-docs come to work in these overlapping research and policy areas. Special Issues have been edited in *Theory, Culture and Society* (SZERSZYNSKI, URRY) and the *Journal of Knowledge-based Innovation in China* (TYFIELD). Monographs include *Design Research* (BÜSCHER co-ed), *Ethnographies of Diagnostic Work* (BÜSCHER co-ed),*The Dynamics of Social Practice* (SHOVE), *Sustainable Practices: Social Theory and Climate Change* (SHOVE), *Climate Change and Society* (URRY), *Wirelessness: Radical Network Empiricism* (MACKENZIE), *Cinema and Technology: Cultures, Theories, Practices* (MACKENZIE co-ed), *The Economics of Science: A Critical Realist Overview* (2 vols, TYFIELD), *Societies beyond Oil* (URRY)*, Animal Disease and Human Trauma* (MORT), and *Rationality and Ritual: Participation and Exclusion in Nuclear Decision-making, second edition* **(**WYNNE).

Gender and Inequalities (CRONIN, FERREDAY, FORTIER, MAY-CHAHAL, ROBERTS, SINGLETON, TYLER, WALBY). The Centre for Gender and Women's Studies comprises around 80 teaching and research staff and PhD students across LU. Research focuses on feminist technoscience, race, ethnicity and migration, health inequalities and policies, feminist visual and media culture, and sexualities. Funders include European Commission, ESRC, Leverhulme, British Academy. WALBY'S UNESCO Chair in Gender Research Centre develops policy-relevant research on gender equality and women's human rights, gender and the financial crisis, gender-based violence against women, measuring equality and gender equality policies. Research is funded by UNESCO, UN Women, European Parliament, EU Presidency (Sweden), EU Commission, Canadian Ministry of Justice, ESRC, UK Equality and Human Rights Commission, National Institute for Health Research, NSPCC, Northern Rock Foundation and Trust for London. Research-based advice is provided to UNECE, UNDP, UN Special Rapporteur on Violence Against Women, Department of Health, Home Office, Attorney-General, Crown Prosecution Service, UNESCO, Women's Aid, and Women Against Violence Europe. Special Issues have been edited in *Citizenship Studies* (TYLER), *Social Politics* (WALBY)*, Feminist Review* (ROBERTS), *Gender, Work and Organization* (WALBY) and *Current Sociology* (WALBY). The *Transformations* book series is edited in Lancaster. Monographs include WALBY'S *The Future of Feminism*.

Media/New media and Cultural Studies: (1) *The intersection of visual culture and material culture* (CRONIN; DANT; FERREDAY). Staff produced interdisciplinary research in television and the phenomenology of images; advertising and urban space; architecture, urban experience and cityscapes; embodiment, representation and affect; screen cultures; and aesthetic theory. (2) *Media technologies* (FERREDAY; FISH; SUCHMAN), including human-computer interaction and gaming; networked communication technologies; digital cultures; mobile publics and online communities. (3) *Cultural politics* (CRONIN; DANT; FERREDAY; FISH; FORTIER; SUCHMAN): topics here include computer simulation and warfare; mediation and consumerism; multiculturalism, migration and citizenship; media and activism; publics, politics and mediation; the

relationship between media producers and political and economic power; television and morality; cultural politics of representation in cybercultures. Monographs include *Multicultural Horizons: Diversity and the Limits of the Civil Nation* (FORTIER), *Consuming the Entrepreneurial City* (CRONIN co-ed), *Advertising, Commercial Spaces and the Urban* (CRONIN), *Television and the Moral Imaginary* (DANT), and *Online Belongings: Fantasy, Affect and Web Communities* (FERREDAY).

Mobilities (BÜSCHER, DANT, HUI, PENNA, TYFIELD, URRY). The Centre for Mobilities Research (CeMoRe) initiated the 'new mobilities paradigm' in the social sciences, humanities and sciences. It was the world's first such centre (established 2003) and it set up the journal *Mobilities* which rapidly gained ISI recognition. It recently established the book series *Changing Mobilities* (Routledge; BÜSCHER with Adey, RHUL). CeMoRe circulates news and debates to a 900+ strong international network, is a key member of the CosMobilities Network, and linked to the Pan-American Mobilities Network. Mobilities.Lab provides a hub for cross-disciplinary R&D with academic, public and industrial partners (including SNCF, Nokia, Siemens, Saab, Fraunhofer Institute, Thales). TYFIELD developed mobilities work on cosmopolitanism and low-carbon mobilities innovation as CI in the ERC project (2013-) on *Cosmopolitan Communities of Climate Risk*, directed by Ulrich Beck. The University recently recognized CeMoRe's cross-faculty research role with its designation as an LU Research Centre. Its tenth anniversary conference on Mobility Futures was held in September 2013. Special Issues have been edited by BÜSCHER in *Mobilities*, *Jnl of Computer Supported Work*, and *International Jnl of Crisis Response and Management*. Monographs include *After the Car* (URRY); *Aeromobilities* (URRY co-ed)*; Mobile Methods* (BÜSCHER, URRY co-eds); *The Tourist Gaze 3.0* (URRY); *Elite Mobilities* (co-ed by 2 RAs)*.

Social and political theory. This cluster reflects Sociology's commitment to social critique, applying this in transdisciplinary investigations into the personal, cultural, economic, political, and international foundations of society. This was especially supported by an ESRC Professorial Fellowship (JESSOP). Thematic strengths include critical realism and the philosophy of social science (JESSOP, SAYER); contemporary radical philosophy and political thought (DIKEN); current developments in critical theory and the sociology of critique (DIKEN, SAYER); the critique of dominant neo-liberal governmentality and forms of resistance (FISH, JESSOP, SAYER, TYLER); space, urban theory and territoriality (JESSOP, SAYER, TYLER); and the notion of post-politics (DIKEN). Monographs include *Revolt, Revolution, Critique: The Paradox of Society* (DIKEN), *Nihilism* (DIKEN), *Why Things Matter to People: Social Science, Values and Ethical Life* (SAYER), and *Revolting Subjects: Social Abjection and Resistance in Neoliberal Britain* (TYLER).

The Departmental Research Strategy for 2014 onwards involves developing these clusters of current research strength, but also initiating strategic new fields especially through further large research council funding, as well as collaborating within interdisciplinary national and international networks. Briefly major post-2014 developments will comprise developing and extending research capacity within the following:
1. social practices of security, large scale emergency management and informatics, privacy and surveillance in crisis, use of social media
2. gender-based violence against women and girls within the context of the UNESCO Chair in Gender Research and the new LU Research Centre on Security
3. climate change and geoengineering in collaboration with LU scientists, as well as exploring low carbon/sustainable practices and economies especially in the context of the DEMAND Centre and other research and policy relating to varied 'framings' of climate change/energy insecurity
4. the implications of databasing and digitization in the context of 'big data'
5. changing patterns of health and medical innovation especially developing further EU and Intel-funded research
6. citizenship and migration including technologies supporting new forms of citizenship, the research of the 'migrancy research group' and work on border controls linked to ESRC network
7. the social science of contemporary East Asia and especially China
8. enhancing CeMoRe and mobilities research as a LU Research Centre
9. developing new political economy approaches, including gender political economy, the financial crisis, new directions in the sociology of social policy and welfare practices

c. People, including:
i.   Staffing strategy and staff development

The most important staffing strategy is the collegial, participatory and supportive management style. All staff are encouraged to use and advance opportunities within and beyond the Department to develop research. Most new research develops from the bottom up but within the context of research centres and clusters. This supportive research culture builds capacity and stimulates innovative work at all academic levels, from graduate students up to senior staff. Its participatory and supportive practices generate novel ideas and draw in new colleagues. More senior colleagues provide formal and informal advice on appropriate funding opportunities, publication outlets and appropriate networks and dissemination possibilities. This mutual support and capacity-building works especially strongly within the 9 research centres.

More specifically, a work allocation model distributes teaching and other responsibilities so that academic staff are provided with time and resources to conduct research, participate in collaborative activities and develop research management skills. Newly appointed junior staff have a reduced teaching/administrative load, as well as a 'senior' mentor to help them develop an appropriate pathway to research and teaching excellence. There is a University Early Career Small Grant Scheme to support new research (TYFIELD gained 2 such grants). The Department has a strong track record in 'developing' new staff, with FERREDAY and TYFIELD producing books from their PhD soon after appointment (with books also planned by the 2 ECRs FISH and HUI). Staffing policy has enabled appointments complementing existing strengths and extending to emerging areas. Research excellence/promise is prioritised in all appointments.

All academic and administrative staff, research centres and research students are housed close together in the refurbished Bowland College (apart from DEMAND which is nearby). All permanent academic staff are in single occupancy offices, while RAs and PhD students may share offices (max 3). All staff and research students have high quality networked computing facilities. There are 6.8 administrative staff. FASS supplies some aspects of research support, with the rest provided by LU's Research Support and Research Contracts Offices. The University is a member of the UK Research Integrity Office.

In terms of RAs the university has been successful in gaining the EU HR Excellence in Research badge and has signed up to The Concordat to Support the Career Development of Researchers. Many RAs have gone to permanent academic positions at Lancaster (in Sociology, Computing, Politics, Lancaster Environment Centre) and in universities in the UK and abroad. Post-doctoral fellows are mentored as part of their career development. In 2012-3 the Department hosted 4 externally funded postdoctoral fellows.

The Directors of Research (URRY/MACKENZIE) promote and support research initiatives, including Faculty seed-corn funding for research applications, funds for departmental and research seminars and many colloquia. Personal research allowances enable staff to participate in national and international conferences. There is a robust University-wide sabbatical policy that enables staff to take one term in eight as sabbatical; during this period 67 sabbatical terms were taken by Department staff.

The systems of staff development have enhanced personal careers. Staff submitted to REF include 10 Professors, 3 Readers, 12 SLs, and 5 Lecturers (2 ECRs).The following have been promoted in this period: DANT (Prof), DIKEN (Reader), FERREDAY (SL), FORTIER (Reader), MACKENZIE (Prof), ROBERTS (SL), TYFIELD (Lecturer 8), TYLER (SL), WALBY (Distinguished Prof). Women comprise nearly 60% of staff submitted, including 40% of professors. Apart from Physics, Sociology is the only LU Dept with 3 Distinguished Professors (JESSOP, URRY, WALBY). WATERTON recently won a prestigious University Staff Prize for 'activities above and beyond teaching and research'.

One mechanism for measuring the significance of research is citation data. In the 2012 QS world rankings Lancaster Sociology achieved the 29th highest citation ranking of all Sociology departments worldwide and the 4th highest outside north America. During this period publications by Lancaster staff were amongst the best cited papers within various journals: *Citizenship Studies* (FORTIER, DIKEN), *Feminist Media Studies* (TYLER), *European Journal of Cultural Studies* (TYLER), *Feminist Theory* (TYLER), *Critical Policy Studies* (JESSOP), *Environment and Planning*

D (JESSOP), *Environment and Planning A* (SHOVE), *Annual Reviews of Anthropology* (SUCHMAN), *Theory, Culture and Society* (URRY), *Public Understanding of Science* (WYNNE), *Science as Culture* (WYNNE).

Research students

There have been 60 completed PhDs over this REF period with 81 PGRs currently registered. 28 Research Council studentships have been awarded, including 8 CASE awards. There are 5-10 International Visiting PhD students each year, most funded by research councils and universities abroad. The Sociology Dept plays a key role in the ESRC North-West Doctoral Training Centre, the largest in England, admitting students onto pathways in Security, Conflict and Justice; Social Work; Social Anthropology; Science, Technology, Innovation and Social Practices; and Sociology. This DTC involves collaboration with the Faculty Graduate School, as well as Statistics, Computing, Lancaster Environment Centre, Faculty of Health and Medicine, and the Management School. The Dept is also a member of the new North West Consortium of AHRC Doctoral Training Partnerships (BGP2), starting 2014.

There is an extensive FASS level Research Student Training Programme (RTP) as well as regular discipline-specific colloquia. The RTP covers training in research methods, philosophical issues, research ethics, use of research support software and search skills, writing and presentation skills and careers advice. In order to improve completions and employability the Department provides 'doctoral craft and skills training' across all three years, and runs PGR and PGT 'clinics' throughout the year. All full-time research students have access to office space (24 hour access), internet access, photocopying, printing and telephone, travel funds and normally teaching experience. Staff and research students have a strong commitment to appropriate research ethics through their awareness of the complexity of human-centred research.

Research students are also supported by a web portal that enables students to access resources and training and engage in discussion with PGR students from other Departments. The new online research portal PURE facilitates cross-Departmental links. Cross-departmental support is also facilitated by research centres and groupings – such as the CGWS *Feminist Technoscience Studies* Summer School with international speakers (Haraway, Barad, Hird). Through a student-rep system doctoral students participate in Departmental decision-making. Students undertake an annual survey and produce a detailed report about student issues needing to be acted upon.

Together with the range of formal and informal academic activities, the committed and experienced supervisors support a dynamic postgraduate research community. Supervisors are themselves peer supported, with termly supervisor peer group meetings (run by the Doctoral Directors) and University Doctoral supervision training and support. Research students work as graduate teaching assistants on undergraduate modules (primarily as seminar tutors on first year courses but often with some opportunity to deliver lectures) if they are registered for the Higher Education Academy accredited and SEDA recognised Supporting Learning Programme (SLP).

There are many research student contributions to developing and sustaining the Departmental research culture including:
1. co/organizing conferences (for example The Annual Sociology PhD Intellectual Party/Summer Conference held since 2006 and run by an organising committee of SHOVE plus 4-6 research students, with over 90 participants in 2013).
2. co-organizing and chairing interdisciplinary Seminar Series (such as women's studies lunchtime seminar series, and STS Mixtures).
3. co/organizing and participating in staff/student Writing/Reading Groups. An example is the Migrancy Research Group formed by TYLER in 2009 and consisting of research students and staff. It organises reading/writing workshops and developed special issues (*Citizenship Studies*) and edited books (forthcoming with SUNY Press).
4. co-organizing, presenting at and chairing an annual international Science and Technology Studies Postgraduate Conference (in collaboration with Management School and Educational Research).
5. co-editing and co-authoring with staff, as with SHOVE'S edited book on *Sustainable Practices* (2013).

6. writing and editing the on-line and hard-copy Lancaster postgraduate journal *The Sociologist*.

There are formal exchanges of graduate students with overseas universities including IFIS-PAN in Warsaw, Ritsumeikan in Japan, Siegen in Germany, Linköping in Sweden, and Chung-Ang University in S Korea. These involve the co-supervision of doctoral students; student-student mentoring schemes; and participation in international post-graduate joint conferences. For the past 20 years around 30 Lancaster MAs per year have been awarded by the Graduate School for Social Research (GSSR) at the Polish Academy of Sciences, Warsaw.

There are frequent international post-doc and academic visitors, a lively programme of academic activities (regular workshops, conferences and seminars), and various research centres/clusters as foci for groups of research students. Staff and research students enjoy a working environment that fosters collaborative working. This is reflected in many co-authored publications, joint research proposals, and collaborative teaching. More generally, teaching and research in the Department are both enriched by research-led UG and MA courses.

d. Income, infrastructure and facilities
Crucial to the infrastructure and associated facilities within sociology are its 9 research centres, each of which has some space, research resources and significant organised activities:
Centre for Gender and Women's Studies (Directors ROBERTS/TYLER: with a 30 year history)
Centre for Mobilities Research (Director URRY founded 2003; and mobilities.lab: BÜSCHER)
Centre for the Study of Environmental Change (Director WATERTON founded 1991)
Centre for Science Studies (Directors MORT/SUCHMAN founded 1986)
Childhood Welfare Research Unit (Director MAY-CHAHAL founded 2010)
Cultural Political Economy Research Centre (Co-Director JESSOP founded 2009)
EPSRC/ESRC DEMAND Research Centre (Director SHOVE founded 2013)
ESRC Centre for Economic and Social Aspects of Genomics (Director at Lancaster WYNNE founded 2002)
UNESCO Chair in Gender Research Centre (Director WALBY founded 2008)

In this REF period the Department received 131 research grants with a spend of £8.3m. Large grants that supported and extended the Department's research infrastructure and facilities include:
EPSRC CATALYST Project £1.9m (CIs BÜSCHER, DANT, MCNALLY, SUCHMAN)
EPSRC Programme on Liveable Cities £6.4m (CI URRY)
EPSRC/ESRC, DEMAND – End Use Energy Research Centre £4.9m (PI SHOVE)
ERC Cosmopolitan Communities of Climate Risk hosted by LMU Munich €2.27m (CI TYFIELD)
ESRC CASS Centre £3.4m (CI URRY)
ESRC CESAGen Stage 2 £4.6m (PI at Lancaster WYNNE)
ESRC Low Carbon Innovation in China £483k (PI URRY, CI TYFIELD)
ESRC Climate Change Leadership Fellowship £219k (PI SHOVE)
ESRC Professorial Fellowship £485k (PI JESSOP)
ESRC RELU grant 'Understanding and Acting in Loweswater' £483k (PI WATERTON)
ESRC RELU grant 'Lost in Translation' £810k (PI WYNNE, CI MORT)
ESRC/Defra/Scottish government Sustainable Practices Research Group £1.6m (CI SHOVE)
EU Framework 7 EFORTT €784k (PI MORT)
EU Framework 7 SecInCoRe €4m (PI BÜSCHER for Lancaster WP)
EU Framework 7 ICOP €493k (CI MAY-CHAHAL)
EU Framework 6 QUING €4.7m (PI WALBY for Lancaster node)
EU Framework 7 BRIDGE €13m (PI BÜSCHER for Lancaster WP)

e. Collaboration or contribution to the discipline or research base
Members of the Department made a major contribution to developing and sustaining the discipline. In part this stems from supervising 60 PhDs and publishing 45 new monographs and special issues. It also results from participating in many core organizations and networks. Members of the Department are involved in much collaboration with academics and professionals based in other leading centres. This work at Lancaster initiates new areas of sociological theory and research and sustains the relevance of sociology to contemporary and emerging publics. Examples of national

and international collaboration include:

- Accumulating Insecurity: Militarizing Everyday Life, Cornell (DIKEN)
- AHRC funded Participation and De-Politicisation Network (WATERTON)
- BSA Climate Change Study Group (set up and convened by SHOVE with over 200 members)
- CESAGen, especially with colleagues in Cardiff as part of UK-wide ESRC Genomics Network (SZERSZYNSKI, TUTTON, WATERTON, WYNNE, MCNALLY)
- Cosmobilities, with colleagues in Munich, Aalborg, Barcelona, Roskilde, Lausanne, Paris etc (BÜSCHER, HUI, PENNA, TYFIELD, URRY)
- EPSRC Catalyst £1.9M project, with design, computing, management science, marketing, building the next generation of tools for social change (BÜSCHER, DANT, SUCHMAN, MCNALLY)
- ERC Cosmopolitan Communities of Climate Risk and the Institute for Cosmopolitan Studies hosted by LMU Munich (TYFIELD)
- ESRC Exploring Everyday Practice and Resistance in Immigration Detention 2012-2014 seminar series with Exeter, Oxford, York, Birmingham (TYLER)
- ESRC/Defra/Scottish government Sustainable Practices Research Group with Manchester, Edinburgh, Essex, Leeds Cardiff, Queens Belfast and Salford (SHOVE)
- ESRC seminar series - International Transformations: Minimizing Gambling Harms, Maximising Gambling Benefit, 2007-9 (MAY-CHAHAL)
- ESRC New Public Knowledges Seminar Series, 2011-3 (WYNNE)
- EU Safer Internet Programme (MAY-CHAHAL)
- EU-COST (Financial crisis programme, 2009-2014) (JESSOP)
- International Sociological Association, Research Committee 2, Economy and Society (WALBY President 2006-2010, Board 2010-).
- ISCRAM Intelligent Systems for Crisis Response and Management community and conference committee (BÜSCHER)
- Living Data network (Goldsmiths, Washington; Assoc for Computing Machinery; Buffalo; INTEL) (MACKENZIE, ROBERTS & MORT)
- MaMSIE Network (based at Birkbeck) with CGWS (TYLER)
- MIIDA Network (based at OU and City University) (FORTIER)
- New care technologies, with Barcelona, Spanish Red Cross; Oslo & Amsterdam, AGEUK, Lancashire County Council (MORT & ROBERTS)
- Participatory Design Conference Committee (BÜSCHER, SUCHMAN)
- SNCF-funded Mobile Lives Forum in Paris (BÜSCHER, HUI, TYFIELD, URRY)
- The Group for the Study of Politics, Aesthetics, Religion, Text (with participants from Uppsala, Paris, Istanbul and Helsinki: DIKEN)

Other Academic collaborations and contributions include:
Journal Editing/Co-editor/Associate Editing: *Feminist Theory* (ROBERTS), *Gender, Work and Organization* (WALBY until 2011), *New Genetics and Society* (TUTTON), *Mobilities* (URRY), *Social Studies of Science* Collaborating Editor (SUCHMAN), *Science as Culture* Reviews Editor (TYFIELD), *Social Science and Medicine* Associate Editor (MORT).

Book Series Editors: *Changing Mobilities*, Routledge (BÜSCHER); *Space, Materiality and the Normative*, Routledge (DIKEN); *Learning in Doing Series*, CUP (SUCHMAN); *International Library of Sociology*, Routledge (URRY until 2013); *Current Sociology Monographs* (WALBY); *Genomics and Society*, Routledge (WYNNE); and *Transformations*, Routledge.

Examples of membership of Editorial Boards: *Computing Supported Cooperative Working* (BÜSCHER); *Environment and Planning A* (SHOVE); *Sociological Analysis* (CRONIN); *Mobilities* (FORTIER); *Das Argument, Critical Policy Studies, Critical Discourse Studies, Critical Sociology, Jnl of Critical Realism, Cambridge Jnl of Regions, Economy and Society* (JESSOP); *Theory, Culture and Society* (MACKENZIE); *Science as Culture, New Genetics and Society (*MCNALLY*)*; *Sociology of Health and Illness* (TUTTON); *Feminist Media Studies Sociological Research Online* (TYLER); *Subjectivities* (ROBERTS); *Genomics, Society and Policy* (ROBERTS, MCNALLY); *Fast Capitalism, Hospitality and Society, Tourist Studies* (URRY); *Women's Studies International*

Forum, Critical Sociology, European Jnl of Cultural and Political Sociology, Journal of Women, Politics and Policy, Studies in Social Justice, Asian Journal of Women's Studies (WALBY); *Science Technology and Society, Science, Technology and Human Values, Science Communication, Global Environmental Change, International Journal of Science Education* (WYNNE).

Work has been published in many languages: Arabic, Catalan, Chinese, Croatian, Czech, Danish, Dutch, Finnish, French, German, Italian, Japanese, Korean, Norwegian, Persian, Polish, Portuguese, Romanian, Russian, Sinhala, Spanish, Swedish, Tamil, Turkish and Ukrainian.

Examples of plenary/keynote lectures to international conferences outside the UK: Cork, Otago, Neuchatel, Roskilde (BÜSCHER); Free University of Brussels, Helsinki (CRONIN); Israel, France, Turkey (DIKEN); Salzburg, Vienna, Amsterdam, Panteio (Athens), University of Turku (FORTIER); Bolivia, Italy, Germany, Japan, South Korea, Finland, Canada, Poland, Australia, Switzerland, US (JESSOP); Canberra, Linköping (ROBERTS); International Assoc for Critical Realism, Oslo; Egalitarian World Initiative UCD Dublin (SAYER); European Conference on Gender and ICT, Bremen, Program in Science, Technology and Society at the John F. Kennedy School of Government, Harvard University, MIT Media Lab, European Association for Studies of Science and Technology (EASST), Trento, American Society for Information Science and Technology, Pittsburgh, University of California Irvine (SUCHMAN); ESSSAT, Tartu, EASLCE Tenerife, EFSRE Sigtuna, Holberg Prize Symposium Bergen (SZERSZYNSKI); Annual Maastricht Symposium on Global and European Health (TUTTON); Chinese Academy of Sciences/ British Embassy, Beijing, UNEP at UN Pavilion at Shanghai Expo (TYFIELD); University of North Texas/USA, Canadian Sociological Association and Canadian Association of Geographers, Women's Studies Annual Conference/Finland, Sociological Association of Aotearoa, NZ (TYLER); Hawke Research Institute Adelaide, Bergen, Bielefeld, Bonn, Copenhagen, ESA Geneva, European Parliament, Girona, Global Studies Association Moscow, Heidelberg, Paris, Rio+20, Shanghai, Institute for Philosophy and Sociology Warsaw (URRY); European Parliament, European Sociological Association Geneva, European Consortium for Political Research, UNESCO Bangkok, International Sociological Association Gothenburg (WALBY); Nordic Environmental Social Science Conference, Leiden (WATERTON); Nordic Inaugural STS Conference, Trondheim, Public Debate with Chair of Norwegian Government Scientific Advisory Committee for GMOs, ICSU conference, Danish Academy of Sciences; ECSITE Budapest (WYNNE).

Examples of involvement in learned societies and awards:
Honorary Doctorate, Roskilde University; ZiF Fellowship, Bielefeld (BÜSCHER)
Adjunct Professor, Copenhagen Business School; Senior Fellow, Rosa Luxemburg Foundation, Berlin (JESSOP)
Founding Co-Chair of The College of Social Work, UK (MAY-CHAHAL)
Honorary Doctorate, Lund University (SAYER)
Honorary Doctorate, Malmö University; Lifetime Research Award ACM Special Interest Group on Human-Computer Interaction: highest award; Visiting Scholar at the Social Science Research Centre (WZB), Technical University of Berlin; Adjunct Professorship, Information Technology University, Copenhagen; DK Association of Computing Machinery (ACM) Special Interest Group on Computer-Human Interaction (CHI) (SUCHMAN)
European Research Council Panel member; Scientific Advisory Committee of UNESCO's ISSC producing 2013 World Social Science Report; Executive and Council Member, Academy of Social Sciences; visiting professorships including Girona, 2012, and Hawke Research Institute, UNISA, 2013 (URRY)
OBE - services to equal opportunities and diversity; UNESCO Chair in Gender Research; Academician, Academy of Social Sciences; a Director of the UK National Commission for UNESCO, President ISA Research Committee RC02 (WALBY)
Elected Council member for European Association for the Study of Science and Technology (EASST) (WATERTON)
Winner Society for Social Studies of Science, 4S J D Bernal Prize, 2010; Visiting Professorships at London Natural History Museum, University of Victoria BC, Oslo, Vienna, University of California at Santa Cruz; 4S President's Bernal Prize Award Committee (2013); European Networks of Scientists for Social and Environmental Responsibility (WYNNE).