

<b>Institution: King's College London</b>
<b>Unit of Assessment: UoA 23 Sociology</b>
<p><b>a. Overview:</b> Social Science, Health &amp; Medicine is a flagship department launched in January 2012. It aims to provide international leadership for the social studies of health, ageing, medicine, psychiatry and the biosciences. A key element of our strategy is to draw on our links with King's' unique concentration of expertise in health and medicine including King's Health Partners, one of five Academic Health Sciences Centres accredited by the Department of Health (England) (comprising King's College London, Guy's and St Thomas' Foundation NHS Trust, King's College Hospital Foundation NHS Trust, South London and Maudsley NHS Foundation Trust). Their portfolio of research includes three Biomedical Research Centres attracting a total of £113 million from the National Institute of Health Research over 5 years. This provides a unique opportunity for collaboration of social scientists with health and biomedical researchers and clinicians to facilitate the translation of research into clinical practice and health policy. Working with these partners, we aim to extend King's' power and reach in relation to key socio-political dimensions of health and medicine, nationally and internationally, and, reciprocally, to use this research to illuminate central sociological features of contemporary global social relations. Strategic support for this UoA is evidenced by the College's commitment to invest up to £5 million to 2015-16. The Department is accommodated in contiguous space in the prestigious King's building at the heart of King's Strand Campus, including a dedicated research laboratory for co-located research students, PDRAs, and visiting research fellows and professors. The Department is home to the Institute of Gerontology (IoG) which researches sociological, financial and institutional implications of the demographics of ageing. Sociological approaches, methodologies and epistemologies provide the framework for research in this UoA, within a commitment to interdisciplinarity, which draws depth from collaborations with other Departments in the School of Social Science and Public Policy (Geography, War Studies), and Arts and Humanities (the Humanities and Health Centre). SSHM is a hub for a larger group of sociologists across King's working on health via our affiliates scheme, which draws them into our workshops, events and research activities. We plan to build SSHM to some 30 academics and research fellows by 2015 and to be the most powerful concentration of sociologists and other social scientists working on this area in the UK.</p>
<p><b>b. Research strategy:</b> Our strategy focuses on conceptually innovative, empirically rich sociological research on health, disease and medicine in local, national and global contexts which impacts on local, national and global policy and practice, with a focus on inequalities and social justice. This strategy shapes our recruitment policy: we have appointed 15 new faculty since Jan 2012, from sociology and from social anthropology, cultural geography, applied bioethics and social history of science, together with 8 new research or senior research fellows, to bring powerful new perspectives to the analysis of entrenched and emerging health disparities that transcend geographic and disciplinary boundaries. In addition to work in the UK and Europe, we give strategic priority to research on India, China, Brazil and the Middle East, working with the King's Global Institutes, because of the key socio-medical challenges each exemplifies. Beyond sub-disciplinary research, we aim to contribute to the conceptual development and public profile of sociology itself. Our objectives are to:</p> <ul style="list-style-type: none"> <li>• Become the UK's preeminent centre for sociological research in health, ageing, medicine and the biosciences.</li> <li>• Produce theoretically sophisticated interdisciplinary research that informs approaches to the resolution of complex policy issues in health and biomedicine.</li> <li>• Build on the unique opportunities provided by engagement with King's health and medical schools, King's Health Partners, and King's' national and international collaborations in medical research, clinical practice and capacity building in health policy and provision.</li> <li>• Increase national and international external funding to drive our research strategy, and increase critical research mass by bringing in highly skilled externally-funded researchers.</li> <li>• Expand our doctoral and postdoctoral programmes, underpinned by a suite of innovative</li> </ul>

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research-led Masters Programmes in key research areas.

- Significantly expand our research space and infrastructure to accommodate the growth of the Department's research activities.
- Establish and maintain extensive domestic and international research networks and collaborations through outreach initiatives including a robust Visiting Fellows and Professorship Programme, international conferences and exchanges.
- Play a key role in developing and revitalizing sociology and help enhance the national and international public profile and socio-political relevance of the discipline.

We have built a strong and supportive cross-departmental research culture, establishing the infrastructure that underpins sharing of conceptual and methodological approaches to empirical research, and which enables collaborations, especially on cross-cutting research themes. Within this, we have established four Research Groups (RGs) to focus and integrate conceptual and empirical fields of strategic interest: each is a node for recruiting research students, attracting visiting researchers, developing research projects, providing internal peer review of grant proposals and publications, organizing workshops and conferences, establishing links with user communities, and fostering policy development, impact and engagement.

**Ageing and Society (A&S)** investigates the challenges of health and social care and the social, economic and policy consequences of ageing populations in the developed and developing worlds. Incorporating the work of the IoG, it researches demographic, sociological, financial and institutional processes of adult ageing; provides research-led education for clinical and social scientists, including practitioners in health, social care, government and the voluntary sector; and engages critically with social policy for the benefit of older people nationally and internationally. We have established a broad funding base including ESRC, MRC, NIHR, charities (e.g. Gulbenkian Foundation) and government (e.g. DH and DWP): we have generated over £1.57 million in research income to this UoA in this REF period and we lead (PI: Glaser) the international collaboration on Extending Working Life that has recently been awarded £1.2m by the ESRC under their Lifelong Health and Wellbeing programme. Other current research is focused on: (i) ageing policy, health and healthcare; (ii) communities, work & family life; and (iii) global ageing. We prioritise research that breaks down disciplinary and institutional barriers to provide effective research communication. This is evidenced in projects including: collaborations with IoP and LSE on a £4.2m project on ageing for those with ADHD/Autism involving social scientists, psychiatrists, and health economists (Glaser); work with the Department of Primary Care and Public Health Sciences on resilience after stroke (Tinker, MRC, £242k); the first study of adult lives of the first European cohort to receive liver transplants in childhood, with King's College Hospital, and Addenbrooke's Hospital, Cambridge (Lowton: ESRC £134k); research on falls prevention among older people with London Fire Brigade and Guy's & St. Thomas' (Lowton, Dunhill Medical Trust, £118k); a pan-European study of the role of grandparents in family life (Glaser, Gulbenkian Foundation, £170k) in partnership with Grandparents Plus and Beth Johnson foundation (Glaser); research on assistive technology in revolutionizing long term care of older people (Tinker, TSB); a study of financial policies for older people and impact on everyday lives (Price, ESRC, £274k). We give strategic priority both to work with users (see below) and to dissemination via leading peer-reviewed journals, including *Soc. Sci. & Medicine*; *J. of Gerontology: Social Sciences*; *J. of the American Academy of Adolescent and Child Psychiatry*, *B. J. Sociology* and a special issue of *Social Policy Review*.

**Biomedicine, Ethics and Social Justice (BESJ)** undertakes conceptually rigorous, empirically informed, critical explorations of injustice in health and biomedicine. We focus on how scientific, political, practical, and embodied manifestations of biomedicine affect burdens and opportunities within and across societies. This entails empirical research to inform ethical debates, critical analysis to theorise divergent practices, norms and policies locally, transnationally and globally and conceptual and normative analysis. Collaboration, consultancy and dialogue with publics, practitioners, policy makers and other constituencies beyond academia is central to this strategy, evidenced in two groundbreaking public engagement projects funded by the Wellcome Trust: Parry's *Mind Over Matter*, an interactive exhibition on the practice and ethics of brain donation for research; and Singh's *Voices Project* that produced a film and report that brings the perspectives and experiences of children with ADHD into international debates around rising child psychiatric

diagnoses. Our strategy emphasises transnational comparative interdisciplinary research into the ethical implications and risks of new biotechnologies and the regulation of biomedical research. This is supported by funding from European and International bodies: including Singh's project on: *Neuroenhancement, Responsible Research and Innovation* (FP7, proportion of total of €3.8m); Rid's work on *An Ethical Framework for the Risk-based Regulation of Biomedical Research* (FP7 Marie Curie Fellowship £169k); Prainsack's projects *Assessing Security Research tools and methodologies to secure societal impact* (FP7 £107k) and *Solidarity: new solutions in the bioethics of biobanking, biosecurity and health inequalities* (Brocher Foundation 448K); Parry's research on *Reproductive Ethics in Context: The Indian Experience* (Wellcome 257K); and Rose's work on *Social and Ethical Dimensions of Synthetic Biology* (EPSRC, total of 751k, with Marris in BPPE). We also support junior researchers, as in two Brocher Foundation residency Scholarships (Saniei, PGR). Rose is a partner in the social and ethics division of the *Human Brain Project*, funded under FP7 FET Flagship Scheme to approx. €1bn over 10 years: our role is to establish the *HBP Foresight Laboratory*. We work with key strategic partners: national (LSE, Imperial): EU (*Pasteur, Paris; Uppsala Univ., Sw; Karolinska Inst; Max Planck Inst.; Collège de France;*; *University of Muenster; Institute for Legal and Criminal Sociology in Vienna*): international: NGOs in Nepal and India. We focus outputs for impact: Rid's work on risk evaluation for participants in biomedical research led to a special communication in *JAMA*, and an invitation to advise the World Medical Association on ethics and risk in updating Declaration of Helsinki; Prainsack's report on *Solidarity* by the Nuffield Council on Bioethics stimulated an invitation from the ESG to lead a Forward Look on "Personalised Medicine for the European Citizen".

**Biotechnology, Pharmaceuticals and Public Policy (BPPP)** investigates intertwined questions of pharmaceuticals and biotechnologies. On the former, we research the social and political economy of development, testing and regulation of drug safety, efficacy and innovation in the pharmaceutical industry worldwide. We aim to use research to inform, and when appropriate transform, science, public, and health policy on pharmaceutical use, and, with other RGs, we analyse the extent and impacts of 'the pharmaceuticalisation of society'. On biotechnology more generally, we focus on the ways that emerging bioscience comes to be prioritised, problematized and governed in different scientific, regulatory, political and public arenas, by analysing dynamics and networks in R&D processes. Key issues include collaborations between universities and industry for translation of research to applications; risk management; use of foresight exercises, technology assessment, stakeholder participation and public engagement; public debates and controversies, and the rise of strategies for 'responsible research and innovation' (RRI). Current research includes Marris (with Rose in BESJ), *Social and Ethical Dimensions of Synthetic Biology* EPSRC, three grants, special focus on incorporating RRI in synthetic biology, total 751k; Abraham *Pharmaceuticalisation of Sleep*, ESRC 375k; Hogarth *Governance of global biotech regulation: The impact of China and India*, ESRC 600k (with academic partners in Singapore and India); Davis *Techno-scientific and socio-political dynamics of health technology assessment and pharmaceutical regulation*, ESRC 187k; and Lentzos *Politics of bio-terrorism* ESRC 259k. Key outputs include articles by Marris and Rose in *New Scientist* and *PLoS Biology* (Marris and Rose), by Abraham in *Sociology* – nominated for the Sage Prize of Excellence and Innovation by BSA; Abraham and Davis' ESRC report on drug safety in UK and US graded 'outstanding'. Engagement with scientists is also important, e.g. Hogarth has published in *Nature Review Genetics*, and Lentzos in *Bulletin of Atomic Scientists* on biological weapons.

**Culture, Medicine and Power (CMP)** largely consists of junior newly appointed faculty. It conducts sociological, anthropological and historical research on health and disease. Its members are engaged in research projects in Latin America, the Middle East, South and South-East Asia, Europe and North America. Projects are theoretically informed and empirically grounded to elucidate the social, cultural, historical and political factors that shape the ways in which key medical issues (e.g., mental health, addiction, and infectious diseases) are conceptualized in historical and geographical contexts. Research contributes to current debates in sociology, anthropology, history, gender studies and science & technology studies, and engages directly with practice. Kienzler has been funded by Canada's Rising Stars in Global Health Grant from Grand Challenges Canada on "Testing a New Technology to Fight the Global Trauma Epidemic" £71k. Members have close links with policymakers and government agencies in the UK and abroad; e.g. Vrecko's fellowship with UK Parliamentary Office of Science and Technology produced a report on

policy-related implications of scientific research into addictive behaviours. Members of the group direct the Neuroscience and Society Network, (funded from 2007-2012 by the European Science Foundation) dedicated to fostering interdisciplinary discussions of the social, cultural and political dimensions of neurosciences which sponsors workshops, conferences, and other meetings throughout Europe. This RG organizes a series of meetings – CMP conversations – with key international figures, e.g. Elizabeth Povenelli, Veena Das, Vinh-Kim Nguyen, Catherine Waldby – open to all sociologists across King's and beyond.

#### **Integrative research activities and cross-cutting research:**

***We emphasise commitment of all faculty and researchers to our vibrant Department-wide research culture.*** This is facilitated by the collocation of our researchers in an open plan 'research lab', and events involving faculty, researchers, affiliates and visitors: monthly Departmental Internal Research Seminars, weekly Research Roundtables, Reading Groups and Journal Clubs. Roundtables provide all researchers, particularly Early Career researchers, with the opportunity to present work – at early stage or prior to publication - to senior colleagues to provide peer input, ensure quality, and identify avenues for dissemination. Department seminars provide opportunities for engagement with national and international research communities. Our research strategy also involves international Conferences (e.g. *Vital Politics IV*); an international visitor programme, hosting visiting research fellows from key regions of interest; strategic appointments of visiting professors in priority research areas, who commit to time in residence and work with our research community.

***We have identified key cross-cutting research on strategically identified issues that engage members of different RGs.*** These include: (1) *global mental health and neuroscience*: we integrate social science, neuroscience and psychiatry in our work with the global mental health collaboration between King's (IoP) and the London School of Hygiene and Tropical Medicine on a major programme of research on social and ethical dimensions of the global mental health movement; work with the IoP on the implications of the new diagnostic framework of DSM 5.0 (eg a major conference in June 2013); with the South London and Maudsley NHS Trust on the mental health implications of the re- development of the Elephant and Castle region of London; the continuing work of the Neuroscience and Society Network, involvement in The Human Brain Project, ESRC Transformative Research Grant on *A New Sociology for a New Century: Transforming the Relations between Sociology and Neuroscience, through a Study of Mental Life and The City*. (2) *biosecurity and resilience*: collaborations with the Departments of War Studies and Geography on a School-wide research centre on Risk and Resilience; with War Studies' Science and Security group on a major research proposal on new security threats where we focus on biosecurity. (3) *personalization (or stratification) of medicine*, a KHP Grand Challenge: we are partners in a cross King's/KHP consortium developing a major interdisciplinary research project on proteomic markers for disease diagnosis and trajectory assessment in clinical settings - we focus on ethnographic research on doctor- and patient reception of these technologies in clinical settings and on public engagement; we work with the Technology Strategy Board on its major initiative in stratified medicine; Abraham collaborates in research on PM with colleagues at Sussex, Sheffield, and Paris (Cermes3) (4) *ageing*, as noted in the A&S RG. These exemplify how this UoA draws on the potential for interdisciplinary collaboration with social scientists, life scientists, clinicians and policy makers made possible by our location at King's.

**Research organisation and governance:** Research strategy and direction of future research development is overseen by the Director of Research (DoR), supported by a full time Departmental Research Support Officer (DRSO) and a Departmental Research Committee (RC). The DoR, in collaboration with the HoD, is responsible for research governance, sets general lines of research policy and priorities, identifies sources of potential funding and provides advice, support and a reviewing function for all research applications. Supported by the RC, the DoR monitors the quality of research profile and outputs within each RG; advises Chairs of RGs on grant and publication strategy, and the maximization of engagement and impact; facilitates strategic developments and opportunities such as multi – institutional or consortia bids for FP7. The RC reviews applications from visiting researchers, encourages new initiatives, and oversees mentoring and training arrangements. A Research Innovation Fund provides each member of staff with access to seedcorn funds for initiatives related to research priorities and for conference attendance where linked to development of externally funded research. The DRSO communicates funding

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opportunities, provides support, especially for early career colleagues, in all stages of developing grant applications, monitors grants in the post award stage, oversees outreach and communication strategy for research results, manages our seminar series and conferences; and liaises with relevant School and College research support offices.

### Forward Plan for Development of Research Activities

The Department will be less than two years old at the time of this REF, but has made rapid and substantial steps towards the objectives set out above. We will continue to pursue these objectives, with the following priorities:

- To continue our recruitment of leading international researchers and early career researchers in our priority research areas, towards our target of 35 faculty by 2015;
- To increase PGR numbers, enhance provision of training, mentoring and professional development, and attract further internationally excellent postdoctoral fellows working in our priority research areas, especially from our key regions of interest;
- To enhance the national and international profile of the UoA through grants and publications, and international conferences linked to our priority research areas;
- To deepen and extend our collaboration with biomedical researchers and health service researchers across King's, and in King's Health Partners;
- To increase our presence on key advisory bodies, in particular by facilitating the access of our early career colleagues to such bodies;

To consolidate international research links with key partners in Brazil, China, India and the Middle East via – but not confined to – collaboration with King's Global Institutes.

### c. People:

**i. Our staffing strategy** is driven by our research strategy and priority areas. We have sought to build capacity for the future by appointing a significant number of early career researchers. We will continue to recruit internationally leading academics (Rose, Parry, Singh, Abraham, Prainsack); to draw in key research groupings from King's (IoG); to recruit early career faculty from across the globe with active research profiles in our key areas (Caduff, Rid, Behrouzan; Corna), to attract researchers holding grants in our key areas (Lentzos, Marris, Davis; Hogarth' Marks); and to ensure that all are committed to our interdisciplinary ethos and research impact agenda. Given the novelty of the department, we have been gratified by the numbers of high quality applications from academics with international profiles. We have attracted numerous visiting fellows and **visiting professors**: Jenny Reardon (UCSF), Ilana Löwy (CNRS), Catherine Waldby (Sydney), Vinh-Kim Nguyen (McGill), Tony Bennett (University of Western Sydney), Norman Sartorius (former director of the World Health Organization's (WHO) Division of Mental Health, and former president of the World Psychiatric Association) each of whom plays an active part in our research culture. Further, we act as an intellectual and research community for **sociologists working on health across King's** (e.g. David Armstrong (Public Health), Celia Roberts (Education), who are submitted in the REF to the UoAs of their own Departments.

**Equality of opportunity** is a King's priority, enshrined in key principles, and promoted College-wide in the Researcher Development Unit, eg. by Peer Group Mentoring for Women Researchers, and the Springboard Women's Development Programme for Research Staff. It is a priority in this UoA, and we have been selected as a Kings Pilot Department for the Equality Challenge Unit's *Gender Charter Mark Trial*. The policy has been enacted in our recruitment policy: since January 2013, we have recruited 16 female and 5 male faculty and research fellows. Researchers transferring from LSE (Lentzos, Marris) were placed on indefinite contracts; we ensure grant-supported staff are integrated into the department via teaching contributions and participation in research groups. We support family responsibilities of professional services staff via flexible working conditions; we support research fellows during maternity leave, and faculty may take unpaid leave for personal reasons. Research fellows and PDRAs are mentored in accordance with the Concordat to secure medium and long term career pathways and continuity of employment, eg. via Leverhulme, ERC and Wellcome Investigator Awards.

We promote **staff development** in a number of ways. The Department has a transparent system for distribution of teaching and administrative responsibilities so that adequate time is available for each faculty member to conduct research. All newly appointed lecturers are subject to a probationary period, with reduced teaching loads, mentoring, and training. A formal mentoring

scheme has been initiated: faculty and researchers are allocated to a senior staff member responsible for overseeing their academic development and progress: giving feedback on draft publications and presentations, reviewing publication and grants strategies, and career development options. We have established a **Grant Writing Academy** where, after discussion and development in their research group, colleagues developing research proposals present these to senior academics for discussion and refinement. Each member of staff, including new PhD supervisors and postdoctoral researchers, has access to training in the **Researcher Development Unit (RDU)** in the Graduate School, which works with the Department to support postgraduate research students, early career faculty and researchers to build their academic profile and skills sets. The RDU oversees the Concordat, provides Career Advisors, e-learning, one-to-one coaching, and over 300 workshops a year for researchers: training is obligatory for new doctoral supervisors, as is refresher training for experienced supervisors and training in leadership skills for new PIs.

ii. Our strategy emphasises the expansion of our **Postgraduate Research Student** population. In our Department's second year we have built to 18 PGR, 11 FT, with a planned intake of 8 per annum over 5yrs, to build to a population of around 30. Most incoming PGR students are funded, via competitive scholarships (e.g. MacLean, ESRC; Hardy, ESRC CASE; Filipe, Portuguese Science and Technology Foundation); the Department was awarded two strategic scholarships by King's Graduate School for entry 2013. Students are trained in the ESRC-funded King's interdisciplinary Doctoral Training Centre; all faculty are encouraged to contribute sessions to that DTC. Each student is co-supervised by two members of staff, is subject to bi-annual review, presents an Aims and Methods essay, examined by viva, at the end of Year 1, and 3 chapters and thesis plan examined by viva for upgrade to PhD in Year 2. PGR students are co-housed within our large open plan research lab, and are part of a thriving community including visiting researchers, visiting professors and research fellows – each equipped with a dedicated carrel. PGR students are integrated into Research Groups which provide further specialised support and training, and work with other researchers and faculty across the UoA in running the weekly roundtables where researchers present early drafts of their work, in reading groups, and in workshops and seminars. Social interaction is facilitated by weekly 'coffee and cakes' every Wednesday, to which all members of the department are invited. Graduate School grants enable PGR students to spend time in one of King's' seven strategic partner institutions (in US, China, Hong Kong, Brazil, India, Singapore) to experience different research cultures and build international links. SSHM as a whole is too new to have completed doctorates, but since 2008, 7 IoG students have been awarded PhDs, and most are employed as lecturers, researchers or within the health professions.

#### **d. Income, infrastructure and facilities**

**Research grants awarded to this UoA over the REF period (as of 1.10.13) totals £4.764 M** of which some 2.77 M (approx.58 %) comes from UK Research Councils (incl. Royal Society & British Academy); with most of the balance contributed by grants from UK based charities (approx.18%) and EU Government funds including the European Commission (approx.13%). **Research grant applications currently submitted and under review** total £1.556M. Note that these figures are for grants awarded in the REF period, REF 4b provides data on research grant funds spent over the REF period.

**Infrastructure and Facilities:** The Department occupies 800 sq. m. of contiguous space in a four floor dedicated building on the Strand Campus, currently being refurbished to high standards. Up to 28 research students, visiting researchers, visiting fellows and visiting professors are housed in individual carrels in a large open plan research room (150 sq.m.) equipped with standard IT, printers, scanners, faxes, wifi etc; a contiguous research room (180 sq.m.) accommodates a further 20+ research fellows and researchers on externally funded projects. Research space includes a meeting area for round tables and reading groups. All faculty and researchers have access to King's' excellent electronic library (1.25m+ books, thousands of electronic journals, over 280,00 ebooks, over 600 databases and online resources, an open access intuitional repository which showcases research outputs of King's researchers): this includes unrivalled access to health and medical resources crucial to our research. A dedicated information services representative works with this UoA to build our specialist resources, and to advise, collectively and one-to-one, on specialist training in information access for our researchers. Researchers have access to

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University of London libraries, free inter-library loans, and Wellcome Trust and other specialist libraries. Support for the development of the research environment for this UoA is part of College investment in SSHM.

**e. Collaboration or contribution to the discipline or research base**

Collaboration is central to our ethos and our recruitment strategy. Examples include: *Internationally* Rose and Behague collaborate on the sociology of mental health with researchers in Brazil, notably the Institute of Social Medicine in Rio; on reproductive technologies, Parry works closely with researchers in India; on security Prainsack works with researchers in Vienna Institute for Legal and Criminal Sociology; Singh on her VOICES project with researchers in the US, notably at Penn, Florida, and the Nationwide Children's Hospital at U. Ohio; Rid's international collaborations have been mentioned above; Kienzler with the Centre for Victims of Torture in Nepal, and the Kosovo Health Foundation; Behrouzan and Sanei (PGR) collaborate with researchers on biomedicine in Iran. *Nationally* we collaborate on synthetic biology as part of a large EPSRC-funded consortium involving Imperial, Cambridge, Newcastle and Edinburgh, working with industry partners in the translation and commercialization of this emerging technology - our focus is IP, translation and RRI; we collaborate on mental health with the Institute for Mental Health at Nottingham U (headed by sociologist Manning). *Locally*, as mentioned above, we have rapidly built collaborations across King's including on mental health, risk, resilience and security, as well as with King's Integrated Cancer Centre on cancer politics. We also collaborate with King's Regional Institutes, especially in our key regions of China (e.g. with Peking University Health Science Center on changes in Chinese mental health law and practice); India (e.g. in an action research project on setting up a 999 service in Chennai) and Brazil (e.g. in the global mental health movement mentioned above).

**Further contributions are via the strategy of encouraging colleagues to give keynote presentations, nationally and internationally:** In this REF period Rose has given over 50 invited keynote presentations at international conferences in Europe, China, Japan, Argentina, Colombia, Canada and Korea; Singh has given over 20 keynotes in the US, India and Europe; Tinker continues to be a major influence on policies and practice on ageing via keynotes to major conferences in the UK and Europe; Prainsack has presented invited keynotes on her work on solidarity and on personalised medicine in Europe and the US. Senior and junior members of the department have been active in **International research networks:** Rose, Singh and Vrecko in the ESF-funded European Neuroscience and Society Network; Kienzler in the Movement for Global Mental Health; Rid in the European Society for Philosophy of Medicine and Health Care; Behrouzan in international networks on the middle east (MESA) and Iran (ISIS); Marris in IFRIS (*Institut Francilien Recherche Innovation Societé*) and the Harvard-based Science and Democracy Network (SDN). Tinker in European Forum on Good Clinical Practice. **All members of this UoA are encouraged to contribute to the work of professional associations, research council advisory committees, learned societies and journals:** all senior IoG staff, as recent or current ESRC PIs, are members of the ESRC Peer Review College; senior staff serve on Research Council Advisory Committees (e.g. ESRC Understanding Population Trends and Processes and New Dynamics of Ageing; MRC, EPSRC, BBSRC, MRC Lifelong Health & Wellbeing). Staff are involved in an **advisory capacity** with the English Longitudinal Study of Ageing; the European Forum for Good Clinical Practice: the Geriatric Medicines Working Party; the EU SOPRANO project; and the EU Independent Co-ordinated Care project. Abraham is Chair of the ESRC's Research Grants Assessment Panel B (2011-2013) and was previously a member of the ESRC Research Grants Board. Staff are actively involved in **professional bodies:** e.g. British Society of Gerontology; Royal Society, Academy of Medical Sciences, Royal Society of Medicine, Section of Geriatrics and Gerontology; Association of Research Ethics Committees; National Forum University Research Ethics Committee, International Neuroethics Society. We encourage work with **learned journals:** Rose and Singh are founding editors of *BioSocieties*; Rose and Parry are longstanding editors of *Economy & Society*, EB membership includes: Tinker: *Research Ethics Review*, Hogarth: *Journal of Cancer Policy*, Singh: *American J. of Bioethics Neuroscience*; Abraham: *Social Studies of Science*, *New Genetics and Society*, *Current Drug Safety*. Marris and Rose are series editors for *PLoS Biology* on "Open Engagement: Public Participation in the Biosciences".

**Engagement with Policy Makers, Research Users and the Public** is central to our research

strategy. Colleagues are involved in key policy bodies and policy debates, both in the UK and transnationally. **Members of the A&S RG** have worked with Age UK, IPPR (Institute of Public Policy Research), Department for Work and Pensions, Nuffield Foundation, and the Chief Fire Officers Association (formulation of National Strategy for Older People). **Members of BESG RG** have worked with: Academy of Medical Sciences (Rose); Royal Society (Rose, now on RS Science Policy Advisory Group); Technology Strategy Board (Rose). **Rose, Parry, Prainsack and Singh** have all had long-term engagement with the Nuffield Council on Bioethics, Rose and Parry as members of Council, Rose on Working Parties on Personalised Medicine, Novel Neurotechnologies, Parry on Working Party on Forensic Uses of Bioinformation, Singh on WP on Novel Neurotechnologies, Prainsack writing key report on Solidarity. **Prainsack** is a member of the Austrian National Bioethics Commission, and the British representative for social science and humanities on COST (European Cooperation in Science and Technology); **Hogarth's** research on regulation of clinical genetic testing and personalised medicine was taken up in framing of the European Commissions' revised regulations on In vitro Diagnostic Technologies (cf. Impact Studies); **Abraham** was Specialist Expert Adviser to the House of Commons' Health Select Committee and centrally involved in its Inquiry into 'The Influence of the Pharmaceutical Industry' – the report was widely cited across several continents and we anticipate Abraham and Davis's study on the European and American Drug Safety regulation and risk management will have commensurate international impact. Parry's work with the Nuffield Council on forensic uses of bioinformation was cited in the Marper case at the European Court of Human Rights which changed UK policy on the retention of DNA samples. **Lentzos** has worked extensively with policy makers on the implementation of Chemical and Biological Warfare Treaties, collaborated with the Swiss, Norwegian, German and New Zealand Ministries of Foreign Affairs, and prepared a report for the EU Parliament on *Assessing CBRN threats and bio-preparedness*, **Rose and Marris** work with the Technology Strategy Board on the synthetic biology roadmap for BIS (Marris now on the Synthetic Biology Leadership Council's Governance Committee). A&S members have made submissions to Governmental Select Committees on Ageing, e.g. on technology to the House of Lords Inquiry into the Scientific Aspects of Ageing, and on pension reform to the House of Commons' Work and Pensions Select Committee. We encourage involvement of research participants and research users at every stage of the research from methodology to dissemination. E.g. a group of older people played a key role in developing and disseminating research on elder abuse; and engagement with families and children is central to Singh's VOICES project. Where appropriate, research findings are discussed with key stakeholders and professional bodies to maximise dissemination (e.g. on elder abuse to Royal Society of Medicine and Royal College of Obstetricians and Gynaecologists). Singh works with Shire Pharmaceuticals Continuing Medical Education Conferences, reaching families and children affected by ADHD and disseminates her work via mental health charity newsletters and radio interviews.

We encourage faculty to seek competitive **fellowships and** awards to support their research: examples of recent success includes Davis and Lentzos (ESRC Mid-Career Development Fellowships); Hogarth (Wellcome Bioethics and Society Fellowship); Rose (ESRC Professorial Research Fellowship, end of award report assessed as Outstanding); Singh (Wellcome Trust Award University Lectureship for research *Voices on Identity, Childhood, Ethics & Stimulants: Children join the debate*); Rid (one year fellowship from University of Zurich, followed by a two year Marie Curie Fellowship); Price (ESRC fellowship to undertake research on the measurement of poverty at the Department for Work and Pensions); Tinker (2010 Alan Walker Prize for outstanding contributions to British Social Gerontology).