

Institution: Durham

Unit of Assessment: 24 Anthropology and Development Studies

a. Overview

The submitting Unit corresponds to **Durham Anthropology Department**, which fosters high-quality research by all staff in line with the University's Research Strategy. We span biological and social anthropology, emphasising specialist research within primary sub-disciplinary affiliations, the integration of methods and topics across anthropology, and interdisciplinary work. Our research is overseen by the Departmental Research Committee, which has representatives from across the Department at junior and senior levels. The Committee devises and implements the Department's Research and Impact Strategy and co-ordinates Department-wide research support and intellectual engagement. The Director of Research reports to the Head of Department and the Faculty Research Committee. Via the Faculty Committee we are represented on the University Research Committee which is responsible for conceiving and executing the University's Research and Impact Strategy.

Our interests are broadly clustered around three, long-established Research Groups: 1) evolutionary anthropology, 2) the anthropology of health, and 3) social anthropology. Individuals may belong to more than one Group and research interests are cultivated within and across all three Research Groups. Thus dialogues that go beyond each individual's primary sub-disciplinary affiliation have produced novel initiatives such as cultural evolution and the anthropology of energy. Our research also engages beyond Durham Anthropology, through related University Research Institutes in which many staff have leading roles (e.g. Director of Durham's Institute of Advanced Study) and outside the Academy (e.g. NHS collaborations). Some of our research initiatives are formalised into Laboratories and outward-facing Centres (e.g. the Centre for Co-evolution of Biology and Culture): Centres are typically located in a Research Group but emphasise interdisciplinary research.

b. Research strategy

Research strategy in the REF period

Since RAE2008, we have accomplished our aims of (a) invigorating Anthropology at the core through inter- and intradisciplinary research and developing novel areas of enquiry, and (b) enhancing the Unit's vitality and sustainability. We achieved this by following the recommendations of a 2009 external review of our research structures and strategy and moving to a simpler, more agile framework. This gave the Research Committee a clearer remit to support research across the Unit. Our revised strategy focused on the following objectives:

1. ensuring world-class research facilities via capital investment and increased funds from a range of sources and larger grants for research and impact activities,
2. appointing staff with proven research capability, leadership and exceptional promise and increasing the Department's critical mass of researchers,
3. requiring each Research Group to nurture a vital research area by providing opportunities for discussion, ideas generation, and writing/grant application support via mentoring, and collaborations,
4. increasing the Research Committee's enabling role via training workshops, and allocating research leave of up to a year to enable research and writing for substantial outputs, and
5. alignment with the University's Research and Impact Strategy and Research Institutes for interdisciplinary research in the UK and abroad, within and beyond the Academy.

As just one example of the effects of our revised research strategy in the REF period, the theme of *Energy and Society* was strategically developed through co-ordinating and consolidating staff research interests. In support of energy research we thus have: an MSc in Energy and Society (see REF3a), Deputy Directorship of the Durham Energy Institute (Bell), linked university-funded Junior Research Fellowships (Knight), Campbell's membership of the international Low Carbon Network, seedcorn funding for Yarrow which led to an AHRC Fellowship in energy and conservation, new appointments (Abram and Alexander), Bell's EPSRC/ESRC-funded work on (a) energy microgeneration within the *'InCLUSEV project on Energy Systems, Equity and Vulnerability*, and (b) Customer-led Network Revolution funded by NPower, EA Technology, British Gas and Low Carbon Energy Network Fund, and a formal partnership with Haringey Council for urban energy research. As part of our *future* research strategy to extend international research

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collaborations, we have already secured two Senior Research Fellowships for Boyer and Howe (from Rice's Energy and Environment Centre) to be held in the Department in 2014.

We monitor attainment of our Strategy's aims at individual, Research Group and department levels. Annual staff appraisals and research plans focus on individuals' long-term research trajectories and career development providing guidance on how to develop research programmes, external funding applications, top quality outputs and pathways to impact. Research Groups report to the Research Committee on activities supporting Objective 3. The Research Committee assesses the Department's research strategy and structures annually to ensure they are fit-for-purpose and monitors performance against a rolling in-year delivery plan with measurable targets, which encompass research income and funding sources (objective 1), number of externally funded research positions (objective 2), contribution to the discipline, publications, impact activities and major conferences hosted and planned (objectives 3,4), and interdisciplinary work (objective 5). Faculty and University Research Committees provide guidance and support and monitor department income targets against University aims and our comparator HEIs.

Success in realising these aims during the REF period is demonstrated by:

1. 9 monographs, 245 articles, 70 chapters; 18 edited collections of articles and chapters,
2. 44 PDRA positions, 6 Junior Research Fellowships,
3. Increase in external research income from £3.15m for RAE2008 to £4.8m, a rise of 52%, and an average of £960k p.a. compared with RAE2008's average of £591kp.a.,
4. An increase from RAE2008 in PhD completions. REF2014 completions = 44 with 45 RCUK, Charitable, EU and University scholarships awarded in the REF period,
5. Major research collaborations (section d),
6. Department-wide intradisciplinary encounters (e.g. 'Exploring animal/human relations' and 'Questioning the Bio-social' seminars), the Annual Robert Layton Public Lecture on intradisciplinary anthropology, significant contributions to areas of intradisciplinary enquiry within and across Research Groups: Cultural Evolution, Energy and Society, Evolutionary Medicine, Conservation, and forms of knowledge politics linking diverse fields such as genetics, citizenship, human rights, bioethics, environment, memory, and heritage. For example, Simpson and Egorova's REF2 outputs on new reproductive and genetic technologies show how techno-political regimes reshape personhood and identity. These areas have attracted funds, PGR applications and chime with the University and RCUK emphasis on interdisciplinarity, and
7. Organising over 26 specialist, generalist and regional conferences and workshops (section e),

Future Strategy for REF2020

In the next REF cycle, our evolving strategy is to build on these achievements through the following objectives:

- 1) **Enhance developing research initiatives in 3 key areas** through major externally-funded research programmes, attracting international and field-leading fellows via the University's Institutes, increasing externally-funded postdoc/PhD studentships, promoting impact potential and delivering field-changing outputs through intensive review and support within Research Groups. The three areas are: (a) *Energy* (see above and REF3a, initial strategic development achieved, the emphasis now is on delivering research and impact of international significance), (b) *Cultural Evolution*, which is a strong research area within Evolutionary Anthropology, sparking vigorous debate within the discipline. In Kendal J, Kendal R, Tehrani and Mesoudi, the Unit is one of the most significant in this field globally; Kendal, J also directs the *Centre for the Co-evolution of Biology and Culture* facilitating interdisciplinary research into cultural, behavioural and genetic processes underlying human evolution and diversity (work here will focus on developing international research programmes and impact), and (c) *Conservation*, which is understood as a tripartite topic covering intradisciplinary work with animal/human relations (Setchell, Kendal R, Bell, Hill), heritage politics (Yarrow, Mookherjee), and art/museums (Fortis, Tehrani, Flynn); individual excellence in these areas will benefit further from maximising co-ordination and collaboration within the Unit and internationally;
- 2) **Deliver top quality research that addresses vital issues of social and environmental concern and informs interventions to change society for the better** via helping staff to think through research strategies from nascent idea to publication and impact via our Department

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Research Planning Mentor (Carrithers) and impact champion, intensifying Department-wide and Research Group support activities (including peer review of draft papers), reinforcing and extending our regional links in energy, community and health research.

3) **Raise our profile as a centre for collaborations** that explore the interfaces, methods and assumptions of the social and natural sciences and the arts and humanities through (a) major externally-funded interdisciplinary research collaborations (significant grant applications into energy research, cross-cultural medical uses of cadavers and displaced children are in the pipeline), (b) hosting and aligning major evolutionary, medical and social anthropology conferences, (c) publishing the Layton lectures and our biosocial interventions, (d) increasing collaborations with the university's interdisciplinary Institutes, (e) maximising the potential for work across the Archaeology/Anthropology interface on the basis of Yarrow, Fortis, Kovarovic and Elton's research profiles and outputs,

4) Ensure a **grant application** profile (section d) that will secure long-term viability for departmental research, including post-doctoral and postgraduate cohorts through targeted support of ECRs in gaining large grants via Department application workshops, Research Group review and discussion, University grant management courses, working more closely with the Research Office to identify relevant Funding calls

5) **Remain responsive to emergent research interests and opportunities** by being sufficiently fleet-of-foot structurally, enhancing research networks within and beyond the Unit ahead of funding calls and increasing liaison with a wider range of funders (e.g. EPSRC, EU).

c. People

Fifteen new staff have been appointed since REF2008, all of whom were selected for their strategic research contribution, allowing us to enhance existing strengths and align ourselves with our new research priorities: Professors: Alexander (energy, economics and environment), Strang (0.5 Director of the Institute of Advanced Study); Readers: Elton (primatology/palaeoanthropology and evolutionary medicine), Mesoudi (cultural evolution), Abram (0.4 Energy), Mookherjee (political anthropology/memory/aesthetics); Lecturers: Kovarovic (palaeoanthropology/palaeoecology), Yarrow (development/conservation), Rickard, Merli, Brown (health) and Fortis (museums, art). Two RCUK and 1 Royal Society research fellows (Kendal J, Tehrani, Kendal R) moved to permanent contracts in the Department. These appointments are replacements for two professors retiring (Bilsborough and Layton), one professor moving to a fractional appointment (Carrithers) and 9 members of staff moving to new academic positions elsewhere. Five research fellows also took up permanent appointments elsewhere. Overall, we have 35.59 REF-eligible FTE and in the REF period secured funding for a further 44 post-doctoral positions, 1 Senior and 6 Junior Research Fellows.

i. Staffing strategy and staff development

Within the REF period our policy has been to (i) appoint early-career researchers who show exceptional potential to permanent contracts, and senior staff with proven leadership and research capability, following the University Research Strategy to recruit academic staff with international profiles at the forefront of their discipline, (ii) maintain a balance between existing research themes and sub-disciplines and emergent strategic themes/staff research interests and (iii) reward high-performing staff with promotion (7 since 2008). Recognising the importance of junior researchers for the research environment, we increased the number of independently-funded early career fellows, hosting 2 university-funded Fellowships (Knight and Scott-Phillips who also holds an ESRC Future Leaders award) and 4 (EU-COFUND) three-year, international junior fellowships (Rudzik, Clarke, Nowak, Marins). Demonstrating a broad base of research-intensive staff, the Department's current demographic profile of research-active staff is: 6.7FTE Professors; 7.4 Readers; 6.3FTE Senior Lecturers; 10.5FTE Lecturers; and 6 independently-funded Research Fellows, who are fully integrated into the Department via senior mentors and Research Groups. Recruitment has successfully followed University Policy in Equality and Diversity: in terms of gender parity, we have equal division at all levels. Our track record in gender equality led to our successful application to participate in the Equality Challenge Unit's pilot of its Gender Equality Charter Mark and Alexander's appointment as University Dean for Equality & Diversity. An important development in enhancing the Department's sustainability, resilience and succession planning is the inclusion of Early Career staff in committees, deputising senior administrative roles and co-ordinating the Research Groups – all with the support of experienced colleagues.

Career development support

The University provides dedicated training for probationary academic staff through a Postgraduate Certificate in Academic Practice (PG CAP) accredited by the Higher Education Academy. New academic staff have a 50% teaching and administration load in their 1st year, with 75% and 85% loads in their 2nd and 3rd years. All new staff, including postdoctoral staff, are assigned mentors for research career support; visiting international fellows have also mentored staff. Research Groups provide further peer review, advice on publication and grant applications. All staff are eligible for university-funded research leave (1 term in 7; up to one year in special cases).

We monitor progress of all staff through an annual appraisal, covering performance, research planning and training needs. The HoD and Director of Research are closely involved, enabling individuals to plan for long-term career progression and promotion. Publication strategies are included in these discussions to ensure a balance between monographs and top-ranked anthropology journals, leading specialist journals and those that are widely disseminated to non-specialist and professional audiences. Staff members whose research career has been interrupted are given additional mentoring support to put them back on track.

Departmental support for all staff, including fixed-term researchers, is aligned with the Research Concordat. Within the Department, the onward career success of fixed-term research staff is a sound indicator of the successful mentoring and support they receive. Recognising how crucial the postdoctoral community is to our research environment, we have a dedicated Postdoctoral Convenor to support and represent postdoctoral researchers on the Board of Studies and a postdoctoral representative on our Research Committee. Postdoctoral researchers also have a tailored induction programme, handbook, dedicated website and are given career guidance through annual appraisals. All staff can access an extensive programme of training provided by the Academic Staff Development Office. Early career fixed- and permanent staff are offered University training for managing large research programmes; Rudzik, a postdoctoral fellow, has taken this up, others are applying. Department-supported training takes many forms e.g. four staff members have completed the Academic Leadership programme facilitated by the Leadership Foundation for Higher Education.

Our Research Ethics Committee, drawn from staff across the Department plus an External Member, scrutinises PhD student and staff research proposals for probity and integrity and reports to the Department's Research Committee, which in turn reports to Faculty Research Committee to ensure good practice.

Alongside *hosting international anthropologists* working with our staff (e.g. Nichol/La Trobe University, Australia; McNulty/US, Leverhulme International Fellow; Cardini/Italy, Senior International Fellow), we also benefited from Durham's Institute of Advanced Study (IAS) Fellowships, many of which formed the basis of longer-term relationships (e.g. Strang was later appointed 0.5 Director of the IAS; Green's research on borders led to a collaborative workshop with Campbell on 'Border Lives'; Strathern collaborated with Simpson, serves on the IAS Advisory Board and actively participated in Durham's social anthropology community. The Fellowships of Seivert (U,Mass) and Zampieri (Padua) strengthened the vibrancy of the Evolutionary Medicine programme in the early stages of its development.

A series of prestigious fellowships have carved out important new theoretical areas. Sillitoe held the Shell Distinguished Chair in Sustainable Environment at the University of Qatar (2007-2012 as a full-time secondment, converted to PI of Qatar National Research Foundation funded project on conservation in the Qatari desert). Barton held a Visiting Research Fellowship at All Souls (2011) and currently holds a Leverhulme Fellowship, both of which resulted in publications (e.g. his PNAS article returned in REF2) that cement the reputation of the department as a leading centre for research into the evolution of the brain and cognition. Carrithers' (2006-9) ESRC Professorial Fellowship on Rhetoric Culture established a novel area of enquiry, which has become a unique strength of Durham Anthropology, influencing several outputs returned in REF2. His workshop on rhetoric (2009) resulted in a *Current Anthropology* debate on the topic.

ii. Research students

PGR recruitment and discipline specific issues

At the time of RAE2008 our PGR recruitment was growing and we have continued on this upward path. Since 2008, our average PGR intake has been 18 students per year, and total completion in the period is 44 (plus 2.5 PhD completions between census dates). We obtained 46 highly

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competitive PGR scholarships (23 RCUK, 3 Wellcome, 2 Leverhulme, 2 Commonwealth, 1 EU and 15 Durham University). Our Research Strategy places particular emphasis on large grant applications with attached PhD studentships and industry sponsorship. We offer part-time teaching opportunities and bursaries and matched scholarship funding (total £17.6kp.a.) to attract and retain the best students.

PGR Support, training and supervision arrangements and progress monitoring

All students have a supervisory team of at least 2 staff members. Since many PGR students are drawn to Durham precisely because of our interdisciplinary research environment, these teams are often intra-disciplinary within Anthropology or across disciplines within Durham. The 2011 launch of the Durham-Newcastle ESRC North East Doctoral Training Centre (NEDTC) opened further training and supervision opportunities for our 1+3 PGR students. We provide training across the NEDTC for pathways in cultural evolution, social, medical and development anthropology, and in ethnographic methods. The University's Centre for Academic and Researcher Development and the University Graduate School provide further PGR core skills development. Students complete a Training Needs Analysis with their supervisors, reviewed annually. Department workshops guide 1st year PhD students in proposal development and preparing for progression vivas before fieldwork/data collection. After fieldwork, regular writing-up seminars enable students to discuss dissertation chapter drafts and prepares them for postdoctoral academic careers. Our PGR Committee supports and monitors PGR students via progression reports; these are independent termly and annual reports by student and supervisor plus vivas by non-supervisory staff. Reports are reviewed by the PGR Faculty Head. This exercise gives PG students the opportunity to air concerns and praise independently of Departmental structures.

Each research student attends Research Group seminars and presents their own work. They are also encouraged to give papers at international conferences and to publish in international journals (in the REF period our students have authored and co-authored 1 monograph, 2 edited collections and over 55 journal articles). Our student-led *Durham Anthropology Journal* offers postgraduates a superb opportunity for experience of editing, peer reviewing, and online publishing. PhD students are helped with grant applications to support their fieldwork. Our Annual Postgraduate Conference (organised by PG students, Department-funded by £1.6k p.a.) develops crucial skills in podium and poster presenting, chairing, and conference management in a supportive environment. Because of this strong track record Durham Anthropology hosted the Royal Anthropological Institute's first annual postgraduate conference in 2011. Postgraduate students also belong to a College Middle Common Room, which provides further pastoral support.

d. Income, infrastructure and facilities

In support of our strategy, the Unit, Research Institutes and University have all invested significantly in major capital renewal and extension of our research facilities. Total investment over the current REF period is approximately £2.2m, which represents a completely refurbished building (£1.5m), adjoining the University Library, to which Anthropology moved in 2009 to co-locate with the Department of Archaeology thus facilitating interdisciplinary research. IT facilities in the new building have increased and been upgraded including a dedicated postgraduate workspace with 30 workstations. In addition, the University's Research Capital Equipment Group committed over £320k of capital expenditure for Anthropology to acquire state-of-the-art research equipment and infrastructure, significantly enhancing research capacity. Expenditure-to-date includes support for Health research through upgrading the space and fixed equipment of the Sleep Lab and the Ecology and Endocrinology Lab (£117,488 spend) and purchasing portable equipment for the Sleep Lab and Physical Activity Lab (£35,432 spend). Developing research in Conservation has been augmented through investment in telemetry field equipment (£88,345 spend) and a field station in South Africa (£25,641 spend). Increased emphasis on IT for research led to a new Bioinformatics Lab (£13,843 spend). The laboratories and facilities are maintained by a full-time, dedicated technician; since 2012, technician support has doubled (support spend £226,400). Ensuring the labs are used productively, £10,785 has been spent on consumables in the period. Two postdocs have been funded (£30,000) to support the Sleep Lab, redesign and maintain the website to highlight the Department's research and impact activities.

University income

In addition, £80,306 has been used by individuals (permanent, fixed-term and fractional appointments alike), via staff research allowances; this sum is amplified by the three Research

Groups each receiving roughly £7,000 across the period for seminar speakers and awaydays. Since 2011, the Department Research Committee has dedicated an additional £18,000 p.a. to open access publishing, seedcorn funds for open call pilot research and impact activities. Seedcorn or pump priming funds have made a noticeable difference to the consolidation and expansion of the Unit's research. In total, the University has invested £143,267 in seedcorn funds for the Unit (£96,868 from central funds, £32,249 from the Wolfson Research Institute for Health and well-being/Institute of Hazard, Risk and Resilience and £14,150 from the Durham Energy Institute). While much of this is investment in the future, Porter and Hampshire's seedcorn grant has already resulted in Hampshire's International Academic Fellowship in Ghana and an ESRC/DfID award on pedestrian headloading in Ghana, Yarrow's DEI grant generated interdisciplinary research with engineering and history, publications and his AHRC Fellowship (energy efficiency/heritage). In line with our commitment to supporting our research community in toto, we have backed successful applications for seedcorn funds from teaching fellows embarking on research careers, fixed-term lecturers and postdoctoral fellows.

Funding portfolio (past, present and future)

Our research income continues to grow and we have diversified our funding portfolio since 2008. Income has increased to £4.8m from £3.15m at RAE2008 with average income per FTE increasing from £94K at RAE2008 to £137k over the REF2014 period. External funding has increasingly underwritten the cost of replacement teaching posts to cover longer-term research leave. Since 2008, major grants have funded 44 PDRA positions, 9 replacement lecturers, and 9 teaching fellows in the department. Significant grants which have built capacity in key areas of research strength include: **cognitive anthropology**: Barton's BBSRC Evolutionary Architecture of the Brain (2008-11, £208K); **health**: Bentley's ESRC 'Differential acculturation and its impact on well being among UK Bangladeshi migrants (2012-15, £675K); Simpson's ESRC/DfID funding of £1.7m for research into human experimentation in South Asia leading to consolidation of our research on **the anthropology of bioethics**; Bell's Ofgem/EPSC/CE Electric funding for **energy research and impact** (£404,187); and **cultural evolution**: Mesoudi's ESRC(Hong Kong scheme) and Leverhulme grants (£438,111) on East-West differences in social learning and Human Cultural Transmission. Our research income in the REF period has mainly been sourced from RCUK (56%), UK government (24%) and UK charities (10%). A key aim of our future research strategy is to increase overall grant income and extend the range of sources in order to develop our strategic research areas, ensure our sustainability and enhance funding opportunities for PDRAs and PhD studentships.

The main areas of our funding portfolio development plan are:

1. To play to our strengths in intra- and interdisciplinary research, which means we are particularly well placed to take greater advantage of cross-RCUK calls and EPSRC/NERC themes, especially for our energy and environment priority research areas (section b). We plan to (1) work more closely with the University Sciences, Arts and Humanities Faculties via the University Research Office and relevant University Research Institutes (e.g. Energy Institute and the Institute of Hazard, Resilience and Risk) in order to respond effectively to such calls, (2) ensure representation at sandpit / blue sky and other RCUK workshops aimed at shaping future research themes and thus be in a better position to secure such interdisciplinary funds.

2. To increase the proportion of non-UK funds in our research income stream through greater involvement across the Unit with the EU's Horizon2020 programme (which fits our research strengths in the areas of energy, health, well-being, security, environment) and the European Research Council.

3. To raise the success rate of funding applications by intensifying peer reviews within applicants' Research Groups, sharing good practice across the Unit and University via banks of successful applications by funder, using seedcorn funds strategically for pilot studies to amplify the authority of applications, and building networks of potential research partners across the University and beyond by working more actively with Durham's Research Office, Faculty Research Heads and University International Office and sharing international disciplinary links within the Unit.

4. **To increase and nurture formal links to related professional/trade associations** (e.g. Institute of Civil Engineers), local and central government (e.g. Haringey, Teeside, Department of Energy and Climate Change) allowing us to formulate and implement collaborative research with industry partners which is funded by government and industry sponsorship. The University Research Institutes will be key here in helping us to identify and secure such connections.

5. **To develop a tailored lifecycle approach** to individuals' research funding applications encouraging progression from subsidised research to securing high-profile research grants that fund PDRAs and PhDs. In the short- to medium-term we aim to extend the Unit's demographic range of major grant winners by prioritising support for ECRs in our strategic research areas and helping them move to the next stage of grant applications. We will do this via identifying relevant funding calls and emphasising Research Group peer reviews, annual staff appraisals, Research Plan discussions, Department workshops on writing applications, building networks within and beyond the University, practice interviews, and University training for research team management training. ECRs at an appropriate stage of their career will be strongly encouraged and supported to apply for European Research Council Starter grants. We will identify different kinds of funding to establish, develop and sustain our strategic areas in the short- to medium-term moving from exploratory networks, to specialised research seminars, fundamental and applied research and large conferences to disseminate research.

e. Collaboration and contribution to the discipline or research base

We actively encourage all our staff to engage in activities that extend and promote anthropological methods and insights as a vitally important way of understanding and being in the world and extending the global capacity of scholarly endeavour across the Academy.

Interdisciplinary collaborations and networks

While outputs returned in REF2 address concerns central to Anthropology, we also have a strong tradition of reaching out beyond both the discipline and the Academy. For example, Alexander was awarded the Baker Medal in 2010 by the Institute of Civil Engineers for articles written with engineers on waste infrastructures in deprived urban areas, which led to requests to work with ICE and industry. Bell's conservation and energy research has entailed working alongside biodiversity scholars and engineers. These kinds of collaboration are a natural extension of the intellectual curiosity and collegiality shown by our intradisciplinary work and the belief, championed by the University, that addressing complex problems may require multiple disciplinary methods. Two lively interdisciplinary Centres, (Co-evolution of Biology and Culture, and Behaviour, Ecology and Evolution Research) are co-ordinated from the Department. We work productively with other disciplines. Collins' interdisciplinary conference on Quaker scholarship produced a co-edited volume *The Quaker Condition* (2009). Much of Sillitoe's research involves interdisciplinary collaborations to address natural resources management; via his Qatari Professorship, Sillitoe used his lifetime's work to establish a conservation research programme. As just one example of what our international, interdisciplinary networks have resulted in, Tehrani's membership of a European network on phylogenetic approaches in literature and the Humanities called *Studia Stematologica* led to winning a collaborative grant with Helsinki and Cambridge on 'Applications of Phylomemetic Methods in the Study of Cultural Phenomena' and ultimately his REF 2 output, 'The Phylogeny of Little Red Riding Hood', early versions of which generated tremendous academic and non-academic interest. We recognise that such interdisciplinary work is not always straightforward. Hence, Strang and Bell have both published on working across disciplines and, through the IAS, have used anthropological understandings of incommensurate epistemologies to enable interdisciplinary collaboration within and beyond Durham. Similarly, with Durham's Geography Department, Alexander has a research network for critical reflections on the affordances and limitations of interdisciplinarity.

Collaborations beyond the Academy

The University's championing of interdisciplinary research via research institutes has facilitated the Unit's research in health, energy and the environment in particular, helping to make links with other disciplines and research users in the UK and abroad. Thus, Ball has many long-term collaborative partnerships with and for clinicians in academic and institutional settings (e.g. Bradford Institute for Health Research, and Royal Infirmary, Stockton Sure Start Centres, Blackpool NHS and Lancs County Council), which have helped to identify new infant care research questions. Ball's work with these public agencies also exemplifies how our health and other research are embedded locally,

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but with global reach (see REF3 for more discussion and examples). As noted in section b we have a series of collaborative research partners beyond the academy in energy and environmental research.

Sustaining Anthropology's research base

Strongly supported by the University, the Unit invests heavily in sustaining the constant renewal of Anthropology's research base ensuring that first-class research is identified, funded, enabled, and disseminated globally. Thus, we encourage staff to help *shape anthropological research directions* as members of RCUK Peer Review Colleges: AHRC (Collins, Mookherjee); ESRC (Simpson; Ball; Bentley); NIHR (Ball); most staff review for major funders such as RCUK, Leverhulme, British Academy, and Wellcome. In terms of ensuring top-quality research globally, we have provided expert assessments of grant proposals for (a) the National Research Councils of the U.S. (12) and in 13 other countries, (b) international non-government funders (Wenner-Gren, Leakey Foundation, VolkswagenStiftung) and (c), EU grants. We have served as Panel Member/Evaluators for EU FP7, the European Research Council (Institutions, values, beliefs and behaviour panel) and the European Science Foundation.

To *strengthen the production and dissemination of first-rate research*, we all review for international top journals and publishers; most staff serve on editorial boards. Setchell and Elton are supported in their roles as chief Editors of the top journals in their field: the *International Journal of Primatology* and the *Journal of Human Evolution* respectively. Lyon co-edits *History and Anthropology* and Abram set up (2008) and still runs ASAOnline, a groundbreaking initiative to enhance accessibility to peer-reviewed anthropological research. Research is fostered through hosting conferences e.g. Association of SE Asian Studies conference (2013), European Behaviour and Evolution (2011), Primate Society of Great Britain Winter Meeting (2012), ASA conferences in New Zealand and India, ESRC-funded workshops on Detachment (2010), and the BioSocial Society/The Society for the Study of Human Biology's Symposium 'Intergenerational influences on obesity' (2010). Many of our conferences led to REF2 outputs.

Championing Anthropology through Learned Societies

Through key roles in Learned Societies and Associations we have supported the discipline *intellectually* (e.g. during Barton's Presidentship of the EHBEA 2010-13; the annual conference was in Durham, organised by members of the Centre for the Co-evolution of Biology and Culture; Setchell is Vice-President (Research) of the International Primatological Society which entails shaping the primatological research agenda as well as administering the IPS research grant program), and *professionally* (as ASA Ethics Officer Mookherjee redrafted the ASA's Ethics Guidelines: the touchstone for anthropological research integrity; also, Strang is incoming ASA Chair). As General Secretary of the Primate Society of Great Britain (2010-12), Elton promoted the Society's activities to museums, zoos, conservation organisations and the general public plus academics; as Chair of the Society for the Study of Human Biology (2012-to date), she established research funding for established biological anthropologists plus undergraduates. In 2012 Layton was elected Fellow of the British Academy in recognition of his contribution to Anthropology.

Advancing research careers and ensuring new generations of anthropologists

We bolster and maintain the discipline's research base and research career development from PhDs to senior appointments. To this end, we have been External Examiners for 56 PhDs in the UK and 8 abroad. Tehrani, Kendal and Alexander have co-supervised PhD students in Portugal, Brazil, Germany, and Kazakhstan. Since 2007, Simpson's ESRC-funded Writing Across Boundaries residential workshop for over 200 UK and international PGR students has been phenomenally successful, inspiring many senior anthropologists to contribute to the linked 'writing on writing' webpage; Durham also hosted the first RAI postgraduate conference in 2011. Russell contributes to the Indian Social Sciences Doctoral Training programme in Medical Anthropology; Tehrani taught Cultural Phylogenetics at the London AHRC summer school for PGR and postdocs. Alexander is co-Director (with Hann and Parry) of a postdoctoral programme (Inequality and Industry in Eurasia) at the Max-Planck Institute for Anthropology. As part of the EU-funded EVAN gender board, Elton continues to provide mentorship to Early Career Researchers and, through face-to-face discussions and written briefings, lobbied EU representatives to implement practical measures that would improve female participation in scientific research. In support of research career progression, we have provided many international external assessments for Chair appointments as well as for tenure and renewal positions.