

<p>Institution: University College London</p> <p>Unit of Assessment: 24 - Anthropology and Development Studies</p> <p>a. Overview</p> <p>The present submission encompasses the whole of the Department of Anthropology at UCL and no other elements, reflecting the research excellence of each of the Unit's individual staff members, as well as the inclusive spirit of the Department as a whole. UCL Anthropology was founded as a broad-based department, encompassing three administrative sections: Biological Anthropology, Material Culture, and Social Anthropology. Over the years, this structure has fostered a balance between specialist excellence within distinct research paradigms, innovative collaborations across them, and targeted research at the interface with selected academic and professional fields beyond the Unit. Thus at present the Unit's research is organised under six thematic research clusters:</p> <ul style="list-style-type: none"> • In Biological Anthropology, the Evolutionary Anthropology cluster conducts research on palaeoanthropology, primatology and human behavioural ecology, while the interdisciplinary Human Ecology cluster brings anthropological expertise to bear on issues of population, environment and development, linking with Social and Medical Anthropology. • The Material Culture section includes a flagship research cluster in Material and Visual Culture, while during the assessment period Digital Culture has been established as a distinct research cluster studying the social and cultural dimensions of digital technologies. • In Social Anthropology, core research is conducted by the Social and Cultural Anthropology cluster, while the interdisciplinary Medical Anthropology cluster brings anthropological insight to the inter-cultural study of medical practices and wellbeing, linking with Biological Anthropology. <p>Structures for research: Since 2008 we have enhanced the role of our Research Committee (RC) as the prime body supporting research structures and initiatives. Comprising the HoD, the Head of each departmental section, and the Graduate Tutor, the RC coordinates research strategy and monitors its implementation, vets grant applications and maintains oversight of the recruitment and care of research students and postdocs. The RC collaborates closely with Faculty research officers, and the office of UCL's vice-provost for research in the case of major bids. All research is subject to departmental (where appropriate, UCL) Ethics Committee approval, and Data Protection Law.</p> <p>b. Research strategy</p> <p>RAE2008 presented a vision for research at UCL Anthropology based on two abiding goals:</p> <ul style="list-style-type: none"> • To attract the highest international quality research staff and students to UCL Anthropology. • To create and maintain a world-leading research environment, generating top quality research outputs contributing to broad-based anthropological knowledge and impact on the world at large. <p>Evidence of our achievement of these aims during the assessment period (to 1 July 2013) includes production by our 30.7FTE Category A staff of 25 sole-authored, 12 co-authored, 4 edited and 22 co-edited books with publishers including Chicago, Harvard, Oxford, Cambridge, Duke; 154 book chapters, and 241 articles in journals including <i>Nature</i>, <i>PNAS</i>, <i>JRAI</i>, <i>Diacritics</i>, <i>Diaspora</i>, <i>Public Culture</i>, <i>The Lancet</i>, <i>American Anthropologist</i>, <i>Cultural Anthropology</i>. Staff edited 7 whole-journal issues, managed 7 international journal and 6 book series editorships, and 42 associate/sub-editorships or editorial board memberships of refereed journals. 96 PhDs and 76 Research Masters' degrees were awarded. The Unit won 32 RCUK PhD studentships and 18 other PhD studentships. 24 of our awarded PhDs went on to highly competitive university lectureships (including 6 in the UK and 4 in the USA), and 18 to competitively awarded postdoctoral fellowships (including Cambridge, Oxford, UCL, Princeton). Staff gave 43 keynote and 43 high-profile named public lectures/lecture series, including at the Royal Society (Mace), the Gulbenkian Foundation (Miller), the Evans-Pritchard Lectures at All Souls Oxford (C. Stewart) and innumerable public lectures (Sommer alone gave over 84 during the period). Staff organised 27 international conferences, 30 workshops, 20 lecture series, and held visiting fellowships and professorships at</p>

19 different universities/ research institutes internationally. Honours have included two Elected British Academy Fellowships (Mace, Miller), the Iris Foundation Award (Miller); Rivers Memorial Medal (Miller); AAA-SEA's William Douglass prize (Mandel); Society for Visual Anthropology prize (Geismar); Royal Geographical Society Award (Lewis), Dubai International Award for Best Practice (Indigenous People: Lewis); and 3 lifetime achievement awards, including India's Padma Shri Award (Pinney) and World Association for Cultural Psychiatry (Littlewood).

The Unit's distinctive research profile and the vibrancy of its research environment have been fostered in relation to two on-going **strategic aims for research**, highlighted in RAE2008:

- To foster innovative interactions between the Unit's three sections, as well as interdisciplinary collaborations beyond them, bridging across research paradigms of the natural sciences, social sciences and humanities, while also maintaining core strengths in established fields.
- To nurture and consolidate research in specific fields of expertise, including particular regional specialisms as well as emerging research themes and theoretical orientations.

To meet these aims, since 2008 we have implemented strategic initiatives in three key areas:

- (1) Having enhanced the role of our Research Committee, we have boosted success in research funding applications by providing substantive support to applicants (e.g. tactical use of sabbaticals, expert administrative assistance) and rigorously planning and vetting applications. As detailed in section (d), we have **quadrupled research income** during the period of assessment, establishing a good balance of major and smaller grants across the three sections, fostering excellence in individual staff's research trajectories, while also developing major core strengths as well as innovative interdisciplinary collaborations. Indicatively, each of our three sections currently holds at least one major ERC and/or ESRC grant, while a further major Leverhulme grant on *Hunter-Gatherer Resilience* brings together staff from Biological and Social Anthropology. **Strategic recruitment** of world-class new staff in key research areas, detailed in section (c), has been catalytic to this success.
- (2) We have forged strategic relationships with disciplines beyond anthropology as well as with key stakeholders and users in society at large. Our **outward-looking and interdisciplinary outlook** has been fostered particularly by our leading role in College-wide research initiatives sponsored by UCL's unique Grand Challenges programme, which supports and promotes cross-Faculty collaborations and targeted interfaces with local communities and national stakeholders. Flagship College-wide initiatives developed by the Unit include the *Science, Medicine and Society Network*, led by Napier, UCL's annual *Open Cities Doc* film festival, established by M. Stewart, and the *Wonderments of Cosmos* initiative, run by Holbraad in collaboration with Astrophysics, among other departments. Our outward-looking research profile is enhanced by **user-oriented research** in each of the three departmental sections through the work of dedicated research clusters in human ecology, medical anthropology and digital culture.
- (3) We have complemented our cluster-based research structure by our vigorous **Reading and Research Group (RRG)** programme. Fostering a continual upwelling of thematically-led research groupings and activities, approximately fifteen RRGs run each year, bringing together research students, postdocs and staff from different research clusters, as well as beyond the Unit. Provided with a dedicated annual budget, our RRGs have hosted over a dozen events, including major international conferences and networking events on such themes as *Contemporary Cosmologies*, *Cancer Cultures*, or *India – a Veneration Nation*, among many others. Our RRGs make a vital contribution to the dynamism and collaborative spirit of the Unit's research environment, providing a prime space for cross- and inter-disciplinary interactions, supporting preparation research proposals and publications as fostered by the Research Committee.

To provide evidence of our research strategy's successes, we present key research developments during the period of assessment, demonstrating **distinctive features** of our research profile as well as the **vibrancy of our research environment** within and across our six research clusters:

Evolutionary Anthropology: With 2 Professors, a Senior Lecturer and 3ECRs, the group leads evolutionary studies of past and present human and non-human primate behaviour, ecology and morphology. At the forefront of human behavioural and evolutionary ecology, it continues to grow through major research funding culminating in *Cultrworld: Evolution of Cultural Norms in Real World Settings* (Mace, PI, ERC) and pioneering, top journal publications on cultural phylogenetics

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(e.g. *Nature*, *Phil Trans Roy Soc*). A major Leverhulme Programme Grant on *Hunter-gatherer Resilience* (Migliano PI) fosters interdisciplinary collaboration, bringing together the study of hunter-gatherer genetics, the evolution of co-operation, and hunter-gatherer ethnography. Primate and early human evolution remain our focus in palaeoanthropology, with Soligo and Vinicius developing new phylogenetic methods for inferring primate evolution (*Morphological Clocks in Primate Evolution*; Soligo PI, NERC), leading to major publications (e.g. PNAS), and Skinner pioneering new methods in use of tooth enamel to infer hominid evolutionary history. Sommer continues primate socioecology and conservation work, primarily in Gashaka, now a permanent research station underpinning a wide range of collaborations and a major edited volume. Our thriving PDRF group included a Royal Society Newton International fellow, 1 Wellcome Trust, 5 ERC, 2 NERC, 4 ESRC, and 7 Leverhulme.

Human Ecology further consolidated its distinctive integration of natural and social sciences approaches to the anthropology of population, environment and development. Our longstanding focus on African pastoralists (Homewood, Randall) and small-scale SE Asian fisheries (Garaway), broadened with Lewis's expanding intercontinental hunter-gatherer programme, and Brightman's appointment (S.American forest-farmers). *Human Ecology* won funded interdisciplinary collaborations exploring impacts of interventions across the global South (Lewis *Extreme Citizen Science* (EPSRC with UCL Geomatic Engineering); *Hunter-Gatherer Resilience* (Leverhulme, with Migliano); Homewood: *Biodiversity, Ecosystem Services, and Social Sustainability*: (NERC with IoZ and African partners); *Measuring complex outcomes of environment and development interventions* (ESRC-DfID with Imperial, WCS); Poverty impacts of wildlife management areas: NERC with Imperial, Copenhagen and African partners). Randall's research *Commodity Chain of the Household* (ESRC, with LSE), and 2011 promotion to Professor, led onto *Harmonised Households* (ESRC/ANR, with LSE, French and African institutes). With faculty and departmental strategic support, *Human Ecology* is creating the Centre for Sustainable Living (joint with social and medical anthropology: Lewis, Director). *Human Ecology/CSL* hosted 6 funded PDRFs 2008-2013. The longstanding weekly Human Ecology Research Group fostered numerous PhDs alongside staff work-in-progress. Our Research-rated Masters in Anthropology, Environment and Development forms an interdisciplinary pathway within UCL's ESRC-Doctoral Training Centre, and NERC-Doctoral Training Partnership bid.

Social Anthropology has grown since 2008, welcoming Michelutti and her research group, alongside ECRs Empson and Brightman (replacing Banerjee, Sharpe), and with two former 0.5FTE staff moving to 1.0FTE (Lewis, Pillen). In RAE2008 we indicated research priorities in studies of political culture and transitional states, historical consciousness and representation, and cosmology and performance. These have been deepened and enhanced since 2008, leading to major monographs (e.g. Mandel's award-winning *Cosmopolitan Anxieties: Turkish Challenges to Citizenship and Belonging in Germany* published by Duke UP, C. Stewart's *Dreaming and Historical Consciousness in Island Greece* by Harvard UP, and Holbraad's *Truth in Motion: The Recursive Anthropology of Cuban Divination* by Chicago UP), as well as an array of new projects, including Michelutti's flagship ERC&ESRC grant on *Democratic Cultures in South Asia* (building on her monograph on *The Vernacularization of Democracy* in India, and involving a team of 20 researchers) and Pillen's Leverhulme-funded project on *Transnational Civil Society*. Having consolidated the group's research agenda through our online platform *Subjectivities and Cultural Imagination* (<http://www.ucl.ac.uk/isci>), emerging research priorities include Empson's research group on alternative economies in Asia (building on her Oxford UP monograph *Harnessing Fortune: Personhood, Memory and Place in Mongolia*). M. Stewart's *My Street* film-based research programme, underpinning his *Open City Docs* film festival (attracting nearly 4000 participants to UCL in 2013), furnishes our most prominent interface with local communities and national stakeholders.

Medical Anthropology expanded strategically since 2009 to become an independent research cluster, evolving from its Social Anthropology origins into a more interdisciplinary, cross-departmental reach. Research on social implications of genomics took off with *Admixture, Ancestry and Breast Cancer in Brazil* (Gibbon, Wellcome) and expanded further with research on genetic discourse and notions of risk (PDRF Kilshaw, Qatar National Research Foundation). Cross-cultural investigation into pregnancy loss (Kilshaw, QNRF) extends existing research on fertility, sexuality and reproduction (Randall), including a novel collaboration with Miller encompassing material

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culture theory and method. Calabrese takes forward existing research in clinical ethnography and cultural psychiatry with *Mental Health in Bhutan* (British Academy) and a monograph titled *A Different Medicine: Postcolonial Healing in the Native American Church* (Oxford UP). Cook expands her research on Buddhist mindfulness practices (which culminated in her Cambridge UP monograph *Meditation in Modern Buddhism: Renunciation and Change in Thai Monastic Life*), to include use of such techniques in the NHS. Napier inaugurates his UCL Grand Challenges-funded Directorship of the new flagship *Centre in Science, Medicine and Society* with *M(UMS) Power* (Health Foundation). Napier and an interdisciplinary group of co-authors produced a specially commissioned issue of the influential medical journal *The Lancet* on Managing the Health Effects of Climate Change.

With 4 Professors, a Reader and 2ECRs, **Material and Visual Culture** continues to define innovative and internationally recognized paradigms. Miller's work on Waste of the World (co-I, ESRC), on everyday material culture (3 books) and new media (3 books) led to his FBA and a major ERC grant in Digital Anthropology (see below). Kuechler completed her EU Sustainable Development (2 edited volumes). Collaboration with Buchli (ESRC) underpins work on new materials extended by Buchli with workshops and book series with RCA and V&A. Pinney develops expertise in visual culture (2 books and visiting professorships at Northwestern and Bogazici) and Political Hinduism (British Academy) and new research on anti-corruption politics in India. Tilley's East Devon Pebbles Project (2010 Interpreting Landscapes) had Devon County Council funding and continues Material Culture's engagement with archaeological theory. Buchli works on architecture (Templeton Scholar 2009-2011) and Adaptable Suburbs (co-I, EPSRC, with UCL Bartlett). Coupaye extends and revives Material Culture's research profile through study of technology, firmly embedded in French ethnology. Geismar's collaborative work on photography (2 books) consolidates the section's interests in visual culture. Founded in 2009 in connection to an innovative MSc programme, the **Digital Anthropology** cluster extends the section's interests in materiality and the social experience of technology. Miller's ERC SocNet project examines the significance of social networking sites in eight different global locations (4 PDRFS). Geismar's work explores how digital technologies are impacting engagements with historic artefacts and their ownership and, in collaboration with Tate, interrogates the interface between analogue and digital in vernacular photographic practices. Consolidating its research agenda with an online platform (<http://www.ucl.ac.uk/anthropology/centre-for-digital-anthropology>), the group is developing public events, student exchanges and new research projects in partnership with the Digital Ethnography Research Centre at RMIT. During the assessment period Material, Visual and Digital Culture hosted 7 PDRFs (5 ERC, 1 Leverhulme Early Career PDRF, 1 ESRC PDRF) and a postdoctoral research assistant.

Strategy for the coming period: Our strategy for the coming period is founded on the distinctive identities of our six research clusters, fostering targeted collaborations between them, as well as beyond the Unit with the support of UCL's inter-disciplinary Grand Challenges programme. Thematically, our priority is to develop and consolidate currently nascent research in areas that lend our Unit its distinctive profile, including the study of political cosmologies and new economic forms, emergent materialities and digital infrastructures, the politics of visual practices, social and environmental sustainability, clinical ethnography, and cultural evolution. At the same time, we will continue to engage new intellectual opportunities through a continual upwelling of new Reading and Research Groups, with the most innovative research supported by the Research Committee through targeted workshops and networks, leading to grant-applications and/or publications. Encouraged by our major successes in attracting funding during the assessment period, in the coming period we will continue to boost research with a combination of major and smaller grant applications emerging from all research clusters, enhancing also funding-sources for research students and postdocs. Building on our existing research clusters' online platforms, we aspire to consolidate in particular Digital Anthropology, Sustainable Living (nested within UCL's Institute for Environment), and LabUK (a cross-departmental initiative on the anthropology of Britain) as outward-looking research centres. These strategic initiatives accentuate an already pressing need for space to facilitate our buoyant research, so securing further accommodation for the Unit's researchers will also be a priority.

c. People, including:

i. Staffing strategy: centres on attracting the very best researchers to strengthen our established specialisms, stimulate the upwelling and foster the emergence of new research fields, and create innovative collaborations at the interfaces. In so doing we deepen and widen the remit of the three departmental sections (e.g. the emergence of the Digital Anthropology cluster within Material Culture section), grow collaborations across them (e.g. the Human Ecology cluster's collaboration between social, medical and biological anthropology) and strengthen the department by developing new positions in emerging areas through teaching and grant income.

Sustainability: Alongside healthy turnover, our academic staff body has **grown by 25%** since 2008 (from 24.5FTE to 30.7FTE) and now comprises 15 lecturers, 6 Senior Lecturers/ Readers, and 11 Professors. Six senior staff retiring or relocating and one moving to 0.2FTE during the period opened the way for six new Early Career Researcher (ECR) appointments bringing exciting new strengths. Major research grants, new PGT programmes, and UCL support for strategic development in growth areas created a further four new ECR posts, and two staff moved from half- to full time. In *Evolutionary Anthropology*, **Mace's** ERC award created a post for **Migliano** to bring genetics expertise (and a major interdisciplinary Leverhulme award). **Skinner** replaced Lockwood, building paleoanthropology; a new post (**Vinicius**) develops quantitative and statistical expertise across the department. *Human Ecology's* new Centre for Sustainable Living created a joint post with *Social Anthropology* (**Brightman**, replacing Sharpe). Alongside **Lewis** going full time, this greatly extends interdisciplinary research in environment and development. *Social Anthropology* has expanded vigorously with **Michelutti's** appointment and ERC Major Award (converting in due course to a HEFCE-funded post), developing political anthropology and collaborating with UCL's Jill Dando Institute of Criminology. **Empson** replaced Banerjee, bringing Inner Asian expertise, and **Pillen** became full-time. *Medical Anthropology's* new Centre for Science, Medicine and Society funds **Napier's** Directorship, opening a post for **Cook** (ethics and healing practices). **Calabrese's** appointment takes forward psychiatric dimensions of medical anthropology (established by **Littlewood**, who moves to 0.2FTE Professorial research fellowship). **Gibbon's** Wellcome ECR Fellowship matured, replacing Redclift. In *Material Culture*, **Miller's** ERC award led to **Geismar's** appointment, developing cultural heritage and digital anthropology. **Coupaye** replaced Rowlands, bringing new expertise in technology and museum anthropology.

Equal opportunities: UCL's robust procedural framework ensures equal opportunities recruitment. All category A staff are on long-term contracts. Of 26 staff declaring ethnicity, 10% are BME and 43% originate outside UK. Women comprise 40% category A staff, 40% Professors and 43% senior promotions 2008-2013. **Career progression:** Staff development is a priority, and appraisal, mentoring, sabbaticals and promotions are all managed in line with UCL equal opportunities policy, recognizing and rewarding talent at all levels. Appraisals are conducted annually by HoD, discussing research, career trajectory, and departmental support. Anthropology's Senior Management Team approves progression for junior appointments from Grade 7 to 8 (normally after 2 years), and considers senior academic promotions. Since 2008, 4 staff have been promoted to Professor (Redclift, Napier, Randall, Stewart), 2 to Reader (Mandel, Holbraad) and one to Senior Lecturer (Soligo). **Development of ECRs:** Our workload allocation system monitors time spent on teaching and administration, ensuring all new appointees increase gradually from $\frac{3}{4}$ to full workload over their first three years, and that workloads are balanced thereafter, protecting research time. All staff are encouraged to take on admin roles as part of career progression towards early promotion. Besides HoD appraisal, experienced academic staff mentors support ECRs and PDRFs, monitoring their intellectual and academic development, and ensuring they take full advantage of UCL's professional skills development training, which may include completing the PGCTHE (Garaway). During the period, Postdoctoral Research Fellows increased from 3.75FTE to the current 15.6FTE. Overall, 39 PDRFs were funded in the period (by AHRC, ESRC, NERC, ERC, Leverhulme, British Academy, Wellcome, Royal Society). Of 20 PDRFs completing 2008-13, 9 went to full and 2 to temporary university lectureships at Durham, Exeter, Imperial, Oxford, UCL, and Queensland among others).

Research support: Staff receive a term's sabbatical leave on completing probation and thereafter apply for a sabbatical term after every 3 years. Staff taking maternity leave receive a term's research sabbatical before returning to work (Garaway, Empson). Staff may also apply for 'light terms' to complete a manuscript, research proposal or season-dependent fieldwork. New Faculty

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and department admin posts support grant applications. UCL, Faculty and Department seed corn funds support development of new initiatives.

Research Fellowships and Partnerships: the unit's intellectual environment is further enriched by research fellowships, visiting scholars and business partnerships. For example, Kilshaw's Wenner-Gren PDRF contributes both on public understanding of genetics in Qatar, enhancing established medical anthropological research in social impacts of genetic discourse, and also through collaboration with Miller, combining medical anthropology and material culture to address experience of miscarriage in UK and Qatar. The British Academy funded visits by Bhutan's chief psychiatrist, collaborating on Calabrese's *Mental health in Bhutan* and Mace's International Partnership with Chinese Academy of Sciences *Matrilocal kinship in China*. Business partnerships include Lewis (ESRI-ArcView/ GIS products with UCL Engineering) and Napier (Health Foundation *M(UMS) Power*).

ii. Research students: We have a thriving PGR body (growing from 106.5FTE in 2008-9 to 111FTE in 2012-13), with 96 PhD and 76 MRes/ Research-rated Masters' degrees awarded since 2008. During 2008-13, the unit developed a range of funding possibilities attracting top quality PGRs. 71 PGRs held RCUK studentships, and 26 PGRs were fully funded on staff Research Grants. UCL covered overseas fees for 14 PGRs, 3 receiving full stipends, and 4 home/EU students received full funding. The department part-funded a further 28 PGRs and numerous overseas PGRs were funded by overseas governments, research councils and charities. PGRs are encouraged to apply for competitively awarded research funds, winning >100 small awards from UCL Graduate School, external bodies and Departmental research bursaries during the period. Of 85 PhDs completed during the period, 18 went on to competitively awarded postdoctoral fellowships and 24 to university lectureships (*see 5b above for details*); others to a wide range of posts in government and intergovernmental agencies, overseas research institutes, international NGOs and industry.

Quality of PGR training and supervision is set high by:

(1) RCUK doctoral training standards and provision, applied to all PGRs irrespective of funding source. Anthropology was central to UCL's successful ESRC-DTC bid (with specialist and interdisciplinary training pathways) and partners UCL's NERC-DTP bid.

(2) UCL Graduate School policy and training: UCL's pioneering electronic logbook systematically monitors supervision, training and progress, including upgrading, fieldwork risk assessment, ethical considerations, and study leave arrangements. Alongside their specialist academic training (see below), PGRs are strongly encouraged to develop transferable skills from the comprehensive range of courses offered by UCL's Graduate School (to which staff contribute), including training in small-group teaching, dissemination of research to academic and wider audiences, and conference organization. Supervisors are electronically informed of, and sign off, student choices.

(3) Departmental structures and provision: PGR recruitment criteria usually require 1st Class Honours (UK) or equivalent. PGRs are allocated two supervisors and encouraged to approach other members of staff for advice. Primary supervisors hold regular supervisory sessions with their students (at least every three weeks). MPhil/PhD students work towards a formal upgrade viva chaired by the second supervisor, with at least one assessor external to the supervisory group. The Graduate Tutor oversees PGRs' supervisory arrangements, offering confidential meetings to resolve any issues. Each of the six departmental research clusters regularly reviews the progress of its PGRs. All PGRs not in the field participate in at least one of 4 weekly research seminars (Social; Biological; Medical; Material, Visual & Digital Culture). PGRs must attend and present to at least one of over 15 Research and Reading Groups (RRGs) meeting on a weekly or fortnightly basis every year, and are encouraged to start up their own RRG with staff and students to pursue particular specialist interests. First-year PGRs undertake departmental Research Methods training comprising lectures, seminars and break-out practical groups, a course gaining special ESRC mention in UCL's ESRC-DTC accreditation. Further training in quantitative methods is compulsory at basic levels and advanced options are offered. By agreement with supervisors, MPhil/PhDs may also audit the core courses and/or specialist options of any of the department's 7 Masters' programmes. This training is complemented by weekly seminars in Research Design, Analysis and Presentation for 1st-years, and a Writing-up seminar for 3rd-year post-field work students, preparing them for conference presentations as well as academic writing. As well as supervising PGRs, all

staff teach on one or more of these graduate seminars, as well as engaging with PGRs in the forum of RRGs. External PGRs attend RRGs and register for Methods and other courses. PGRs are encouraged to organise workshops and conferences and to take advantage of the Department's Erasmus/Socrates links and other partnerships, cooperation and internships in other universities, especially overseas.

d. Income, infrastructure and facilities

Research Funding Portfolio: The overall research income received over the period of assessment exceeded £5million, evenly spread across the department's sections, and increasing year on year. This figure masks a massive, sustained increase in grants competitively awarded (but not yet fully spent), totaling £10.7million during the period (excluding standalone doctoral grants). This well-nigh quadruples the total £2.7million awarded in the previous RAE period, and far outruns the 15 research grants commencing prior to 2008 and active for a portion of the REF period (~£1.4million), including three high-profile awards (Kuechler/ Wallman SUS.DIV EC; M Stewart Marie Curie-EC; Miller ESRC). The 52 competitively awarded research grants commencing during the REF period (excluding doctoral grants) illustrate our research strategy, with a broad base of small individual grants showing vigorous research activity across the whole unit, through medium-size collaborations to one or more major flagship awards in each section. Of the overall ~£10 million awarded 2008-13, 13 grants are under £10K, 12 £10-50K, 10 £50-100K, 8 £100-250K, 6 £250K-£1million and 3 exceed £1million (Mace, Miller ERC major awards; Migliano Leverhulme Programme grant). There has been an upwards trend in the value of our research grants commencing throughout the REF period, from £3.7mil in 2008-2010, to over £7million in 2011-2013.

Space and facilities: UCL strategic investment in Anthropology 2008-13 supported on-going improvements to accommodate our thriving research culture. Benefits continue to multiply from the 2005-06 move that united the whole department in a new SRIFii-funded building, strengthening collaboration across our sections and invigorating our research environment at all levels. Research groups funded via major grants have their own dedicated spaces to enable linked PGRs and PDRFs to work in close association: behavioural evolution (seating 6), palaeoanthropology (4), social anthropology (8), and a mixed postdoctoral research space (15). Where possible, other PGRs are allocated individual space in two postgraduate workrooms (40 workstations: priority given to 3rd and 4th years returned from the field, and students with special requirements). Wireless networks increase capacity and flexibility for all students. The Daryll Forde Seminar room seats 50 for research seminars and research methods courses.

Research labs and collections: Teaching Equipment Funding has enabled the continual updating of Material Culture, Paleo and Wet labs, giving dedicated workspace, meeting rooms and storage facilities for ethnographic and paleoanthropological collections. Faculty funds re-equipped the paleo lab with high-end computers, five powerful graphics workstations, 3D-data capture equipment, including high resolution micro-scribes and surface laser-scanners, and analysis software. The ever-expanding fossil cast collection has been supplemented with three of the most complete skeletons in the human fossil record. Together with our osteological collection, this creates a world-class research environment for palaeoanthropology and comparative evolutionary anatomy. The Wet Lab is used for anthropological genetics research. The Material Culture Ethnographic Collection was catalogued on a new database (British Academy, UCL) underpinning research on materials and design, and research-led object-based teaching. UCL supported our successful 2008 application for SRIFiii-funding to create film, recording and audio visual facilities and major e-storage capacity (£120K), underpinning the emergence of a thriving ethnographic film initiative (Open City, MyStreet) and a dedicated Digital Lab (20 stations) supported by a combined total of ~£500K from UCL Grand Challenges, Faculty and external sponsors including Kodak, for camera, film and computer equipment.

Administrative and technical support: The department has its own dedicated research finance and grants administrator and an IT technician, alongside grant-funded research assistants. Two dedicated SHS Faculty research funding advisors, with backgrounds respectively in humanities and social science, and in science including medical science, support individuals and groups with grant applications, links with internal and external stakeholders, and contributions to research policy.

Libraries and other London-wide facilities: UCL's Anthropology Library collection leverages outstanding online resources, with additional world-class libraries in easy reach (Senate House, British Museum Anthropology library, British Library). The critical mass of sister institutions nearby (Goldsmiths, LSE, Roehampton, SOAS) stimulates a vigorous research culture, exemplified in the Unit's hosting the annual Anthropology in London Conference in 2011, 2012 and 2013.

e. Collaboration or contribution to the discipline or research base

Collaborations & networks: During 2008-13 staff led and participated in a wide range of collaborations making significant contributions to the discipline. Our broad-based structure encourages diverse small-scale, innovative, responsive projects, networked into RRGs and research clusters, leading through collaborative grants to major funded flagship programmes, engaging with researchers across UCL and beyond, and with local, national and international users. The Unit has taken a lead in shaping new dimensions of the discipline (e.g. Human evolutionary behaviour; Digital Anthropology). Alongside core anthropological paradigms in social and biological anthropology and material culture, outward-looking research in medical anthropology, human ecology and digital anthropology links in innovative ways across a broad range of disciplines. During 2008-13, staff entered into formal collaborations through research projects and networks, visiting fellowships, publications, and joint PGR supervision with archaeologists, art historians, biologists, engineers, ethicists, ethno-botanists, geographers, geneticists, historians, linguists, political scientists, psychiatrists and public health specialists. Beyond UCL, staff collaborate on interdisciplinary work with a wide range of UK research organizations including Cambridge, Imperial, Oxford, LSE, Manchester; Natural History Museum, V&A and RCA Institute for Materials, Minerals and Mining, University of Northumbria Lab for Interactive Materials and design, and Roehampton. Beyond the UK, our staff collaborate with research institutes around the world. Funded international collaborations 2008-2013 included research organizations in over 22 countries including Australia, Bangladesh, Bhutan, Brazil, Burkina Faso, China, Denmark, France, Germany, Hungary, India, Japan, Netherlands, New Zealand, Norway, Pakistan, Romania, Senegal, Uganda, Uruguay, USA. Many led to major publications (e.g. Migliano's *Nature* article on the origins of native Australians, Gibbon's volumes on *Race, identity and genetics in Latin America*, and Holbraad's co-edited volume on *Times of Security*), and invited lectures and seminars in centres of learning across the globe. An indicative list of some of our most major funded and richly diverse collaborations and networks includes:

- Michelutti's flagship ERC & ESRC awards draws in Oxford, Cambridge, LSE, Stanford, Washington, Dhaka, Halle, LUMS (Pakistan) and India's Centre for the Study of Developing Societies.
- Sommer's now-permanent field research station Gashaka, Nigeria (with N.E. England Zoological Society, Roehampton University, WWF-UK, WCS-Nigeria; Nigerian National Parks Service).
- Evolutionary Anthropology PDRFs founded and play key roles in LERN (London Evolution Research Network) and EHBEA (European Human Evolution and Behaviour Association), organizing annual conferences. Evolutionary anthropology work is complemented by British Academy International Partnership Matrilocal kinship in China (PI Mace, with Chinese Academy of Sciences).
- Human Ecology's Commodity Chain of the Household (ESRC, Randall Co-I with LSE) led onto Harmonised Households (Randall PI: ESRC/ANR, with LSE, Burkina (Bilampa Gnoumou ISSP), Uganda (Makerere), France (IED, CEPED-IRD), alongside collaborations with Universities of Ottawa, Quebec, CAREF (Mali) and Senegal's In-Depth Network.
- Lewis and Homewood share multiple funded collaborations with African and international research, policy and practitioner partners capturing, evaluating and mitigating impacts of environment and development interventions across the global South (e.g. Capturing differentiated experience of change: NERC-DEFRA VNN with Imperial, LSE, FarmAfrica, WCS; ESPA grants with EU and African partners).
- Holbraad's Wonderments of Cosmos, led by the Cosmology, Religion, Ontology, and Culture RRG and bringing together Anthropology, Astrophysics, and the Slade School of Art among others, for the comparative study of diverse engagements with cosmological horizons and accounts of origins.
- UCL Grand Challenges sponsored Centre for Science, Medicine and Society (Napier) brings together UCL Medical School and departments from across UCL) to examine the interface

Environment template (REF5)

between health and culture. Outputs include the Lancet Report Managing health effects of climate change.

- As part of the BRCA network (UCL with research institutes from Europe, US, Canada, Israel, Latin America), Gibbon convened British Academy-funded seminar series with FIOCRUZ and University of Montevideo, Uruguay, which led to two volumes on Genetics, race and identity in Latin America.
- The Material and Visual Culture cluster developed collaborative research on social dimensions of new materials and design (Kuechler, Buchli: EPSRC) involving KCL Engineering, the Institute of Materials, Minerals and Mining, the V&A/ RCA Materials Research workshops, UCL Engineering's Institute of Making; and Northumbria University's Interactive Materials for Design Lab.

Research partnerships with users: Our research environment is enriched and made relevant through our targeted interfaces with local communities in London or overseas field sites as well as national and international stakeholders. The interests of people among and with whom staff carry out research are central in shaping and informing that research, through their involvement in research design, feedback during the research process, and uptake of the results (e.g. Lewis: *Free, prior and informed consent*; *ExCiteS*, both linking into action research (REF2, REF3a). Staff engage in partnerships with marginalized communities locally around UCL (e.g. M. Stewart's MyStreet film-based interface with London communities, Pillen's work with Kurdish refugees; and Littlewood and Napier's collaborations with mental health service users and the homeless). Our Human Ecology and Medical Anthropology research clusters in particular develop collaborative research with users at all levels. For example, Homewood's and Lewis's continuously-evolving, locally-embedded research agendas focus on how local knowledge of marginalized forest peoples and of African pastoralists, can be brought to bear to influence partner government policies, intergovernmental agencies, 3rd sector interventions, and how local peoples' ability to engage with such external agencies can be enhanced.

ii. **Contributions to the discipline:** Alongside active participation in a wide range of **international professional bodies** (e.g. AAA, EASA, EHBEA, PSGB, RAI), staff held **visiting fellowships/ professorships** in 22 separate universities in 13 countries, across the world. Our international, interdisciplinary reach and contribution is evident by the extent of in-house **journal editorship** including *J. Material Culture*; *Home Cultures*; *Anthropology & Medicine*; *Transcultural Psychiatry*; *Dreaming* (C. Stewart, Senior Editor); and *Evolution and Human Behaviour* (Mace Co-Editor in Chief), all attracting high-calibre submissions from fields well beyond anthropology, and a number of high-profile **book series**, with publishers including Berghahn, Harvard, Berg, and Routledge. In addition to organizing over **75 international or national conference, workshops and lecture series** (many of them hosted at UCL), staff acted as **panel members or advisors** for numerous funding agencies (e.g. ESRC, NERC, British Academy, Royal Society, Wellcome, Volkswagen Foundation, German Science Foundation, Netherland Organisation for Scientific Research, NSF, Portuguese Foundation for Science and Technology, Research Council of Norway; Swiss National Science Foundation, Independent Social Research Foundation, Primate Society of GB) and served on **quality assessment** of anthropology departments and other learned bodies across the world (e.g. Netherlands' Universities, Uni. Católica of Chile, REF External for Kent, British Academy BASIS committee, British Academy delegation signing of MoU with Cuban Ministry of Science). Staff refereed **senior academic promotions** and **examined PhDs** in departments in the UK and abroad, as well as acting as **External Examiners** anthropology departments across the UK. Staff **refereed academic publications** for nearly 200 international journals, including *Nature*, *Science*, *American Ethnologist*, *Current Anthropology*, and *JRAI*, as well as book manuscripts for publishers including Duke, Chicago, Oxford, Routledge and Berghahn, and **refereed research proposals** for ERC, AHRC, BBSRC, ESRC, NSF, and British Academy among others. Staff contributions to **professional associations and learned societies** include Vice-President (Past President) of RAI (Littlewood), Member of Photographic Committee, RAI (Pinney), British Society for Population Studies committee (Randall); British Academy BASIS (Mace), with several staff acting as Trustees (e.g. for LSB Leakey Trust and Parkes Foundation). These are some of the practical ways in which the Unit's staff have contributed to the vitality and sustainability of the discipline of anthropology in Britain and beyond, rendering tangible our intellectual contributions at the highest level on an international scale.