

Institution: University of St Andrews



Unit of Assessment: UoA 22: Anthropology and Development Studies

1. Unit context and structure, research and impact strategy

St Andrews has a distinct reputation as a world-leading centre for anthropological training, early career development and outreach with specific thematic, regional and interdisciplinary strengths. Since 2014, we doubled our publication of leading scholarship; grew our research community by one third; quadrupled our research income; doubled research student graduations; intensified international collaborations; and expanded impacts with new communities. In doing so we maintained our position at the top of *The Guardian* rankings (1st in 2014, 2nd in 2020).

Our integrated strategy since REF2014 has been: to increase the value, range and reach of our research outputs and impact activities through a marked expansion in grant income; to grow our community of tenured, postdoctoral and postgraduate colleagues; to embed our collegial research culture with flexible and agile supports so everyone can thrive and diverse contributions are recognised; to incentivise emerging strengths and successes while investing in established fields of leadership; to cultivate a shared commitment to equality, inclusivity, integrity and ethical engagement; overall, to extend our influence within and between disciplines, and working with our user-communities beyond the academy through national and international collaborations.

Anthropology's profile has been transformed into a bigger, more youthful, diverse, gender balanced, collegiate and socially engaged community of researchers: we can showcase internationally recognised field-leaders at all stages in the profession, wide-ranging transnational partnerships, globally leading journal editorships, and headship of professional bodies. We have achieved this by:

- **Generating outstanding and diverse research.** *We have increased the number, quality, influence, interdisciplinarity and open accessibility of our research outputs across diverse authorship models and publishing platforms.*

We have doubled our REF2014 publication figures, with 17 single-authored monographs, 21 edited books, 82 chapters and 146 journal articles. Monograph subjects include love, deep time, African elites and a colonial officer, Mongolian gold rush, economic crisis in Greece, Latin American domestic and sex workers in London, Andean ethnohistory, zoonotic diseases and epidemic control, Greek community in Italy, and cosmopolitanism. Co-authored monographs include Knight on *The Anthropology of the Future* and Gay y Blasco's experimental collaboration with a Roma research participant, *Writing Friendship*.

Journal articles were published in *JRAI* (including Wardle's Dunne Prize essay and High's and Reed's two Special Issues), *American Ethnologist*, *Ethnos*, *History and Anthropology*, *Anthropological Quarterly*, *Social Anthropology*, *Signs*, *Africa*, *PMLA* (Reed on literary characterisation), *Current Anthropology*, *American Anthropologist*, and *Ethnohistory*. Lynteris' 5 interdisciplinary Special Issues were published by *Medical Anthropology*, *Visual Anthropology*, *Social Analysis*, *Medicine Anthropology Theory* and *Visual Anthropology Review*.

Edited volume subjects include beauty, material culture, epidemics and disease vectors, freedom, imagination, the Enlightenment, energy ethics, Pacific climate change and cosmopolitics. As detailed in our ICS, we have published European Union policy reports on Pacific gender inequality. We have an active online scholarly presence including Lynteris' three curated COVID-19 forums for *Somatosphere*.

- **Supporting ambitious new research and impact projects with grant funding and leave.** *We have quadrupled our grant capture success and 5-year HESA average income from funding sources across the spectrum of gearing to the impact agenda.*

We have more than quadrupled research awards in this REF cycle to £4,661,906, up from £1,074,174 in REF2014. Similarly, our HESA reported 5-year average research income has quadrupled to £400,285 in REF2021, from £91,263 in REF2014. More than two-thirds of our Category A staff secured at least one funding award from more than 25 UK, EU and international sources, and private foundations. This transformational success has amounted to more than 23 person-years of funded research positions and leave since 2014, enabling colleagues to undertake major new projects of international significance: e.g. High's ERC funding for Energy Ethics; Lynteris' ERC, Wellcome Trust and MRC funding on plague, zoonosis and pandemics; Hyland's Leverhulme Trust, Guggenheim and National Geographic funding on deciphering Andean knotted-cords. These achievements are encouraged through enhanced liaison with the research grants office; greater participation in grant activity through pathways for mentoring and internal review of grant applications; and through an entitlement to one semester of paid research and impact leave in every 6 teaching semesters (above University average, and a total of 16 semesters since 2014).

- **Expanding our research community, while maintaining quality.** *We have grown our research community by a third, made 9 new appointments, increased promotion success, doubled PhD graduations, and significantly increased early career research activity.*

Since 2014, the complement of research-active permanent staff members has increased by over a third to 18.45FTE in response to student growth and grant capture, and despite the retirement of 3 Professors (Gow, Platt, Toren), and the transition to retirement of a further 2 Professors (Dilley, Rapport). Both Demian and Lynteris were recruited to Senior Lectureships, and Gutierrez Garza, Irvine and Joyce were recruited to Lectureships. McCallum joined as Visiting Professor. We celebrated 7 promotion successes. St Andrews is a recognised career springboard: we attracted 3 Leverhulme Trust Early Career Fellows (High, Knight, Pipyrou), all of whom are now permanent appointments, and a tenure-track UKRI-funded Future Leaders Fellow (O'Hare). This planned regeneration strategy focussed on recruiting early-career researchers has rebalanced the skewing of senior positions in REF2014 cycle. We have doubled the number of research student graduations to 61 in this REF cycle: funded scholarship numbers have risen sustainably, as have training support provisions, international diversity and successful onward destinations (see 2.2).

- **Diversifying and enriching our impact activities.** *We have expanded participation in our impact and outreach through a combination of increased funding, impact leave and teaching relief, and by formally embedding the recognition and value of impact as a specialist field of scholarship.*

Research impact is an embedded feature of our research community and culture, and ambitious multi-sector collaborations such as Bunn's 'Woven Communities' and 'Forces in Translation' projects with interdisciplinary scholars, Scottish museums and basket-weavers demonstrated beneficial effects for cognition and dementia. Lynteris' research on pandemics has advised the WHO and House of Lords on COVID-19, and informed public debate on anti-epidemic mask usage including legislation in Mexico. Our two Impact Case Studies (REF3) demonstrate important local, national and international changes effected in South America and across the Pacific. A provision of one semester of impact leave for each potential ICS author (FTE requirement +1) is now formally embedded in our collective workload, administered through a joined-up strategy of identification and funding supports.

- **Enhancing our international profile and collaborations.** *We have initiated and led international collaborations, consortia and partnerships, and welcomed the world to St Andrews through seminars, workshops, conferences and visiting exchanges.*

The Centre for Pacific Studies initiated the EU-funded European Consortium for Pacific Studies (2012-17), and the AHRC/SFC-funded PaCiFiC community filmmaking consortium (2018-). Fumanti's Wellcome Trust funded collaborations with artists and mental health practitioners in Namibia also led onto invitations and visiting fellowships to Japan and Switzerland. In 2019, the American Ethnological Society framed and launched its 'Ethnographic Futures' conference with a St Andrews collection *Orientations to the Future* arising from the Centre for Cosmopolitan Studies. We have expanded our ERASMUS staff exchanges. Through 55 workshops and conferences held in St Andrews and internationally, and our departmental and research centre and cluster seminars (see 3), we have hosted over 360 external speakers. Our hosting of the ASA2020 conference was postponed into 2021 due to COVID-19.

As evident in the outputs, projects and impacts described above, we have **distinctive thematic, regional and interdisciplinary expertise** in cosmopolitanism, medical anthropology, climate crisis and energy ethics, history and temporality, material culture, gender inequality & in Britain, Europe, Melanesia and the Pacific, South America and the Caribbean, Mongolia and Central Asia and Sub-Saharan Africa. Our specific combination of interests stimulates experimental collaborations, and is reflected in hosting the prestigious 'Ethnographic Horizons' project focused on concepts of time and crisis in Melanesia and Amazonia as part of the 2018 Balzan Prize awarded to Marilyn Strathern (St Andrews Honorary Professor 2019-22).

Responsibility for the research and impact strategy is shared between the Social Anthropology Head of Department (HoD), the Director of Research (DoR) and the Director of Impact (DoI). Strategies are informed and refreshed by Department away-days and individual research check-ins, and are implemented through our Research Committee. Social Anthropology is an autonomous unit in a federal School (with Philosophical and Film studies) within the Arts Faculty. We independently submit bids for University demand managed calls.

We have increased our Research Centres to five - Amerindian Studies, Cosmopolitan Studies, Energy Ethics, Minorities Research, Pacific Studies; and our research clusters to five - Africa, Art and Material Culture, Collaborative Anthropology, Epistemologies of Medicine, Historical and Archival. Since 2014, transformative success across a larger base has reshaped their foregrounded role as principal organising research structures. Their continuing importance is reflected in our enlarged portfolio of projects and has evolved in view of our increasing pathways generating research initiatives. Our diversified suite of scaffolding research infrastructures is elaborated below (see 3 & 4). Funding has also enhanced our involvement in interdisciplinary research clusters elsewhere in the University, such as the Centre for the Study of Religion and Politics, and the Institutes for Gender Studies, and Legal and Constitutional Research.

As we have grown in size, we have re-emphasised our collegial and inclusive approaches to strategic decision-making. We have expanded the membership and gender balance of our Research Committee and enhanced the representation of Postgraduate, ECR mentor, EDI, Ethics and Open Research remits. The Research Committee coordinates with the research infrastructures, and has a role in strategic decisions over resourcing, appointments, funding, leave applications and annual staff research reviews. This review of research culture, coordination and governance mechanisms, has enhanced the horizontal and vertical integration of research and impact strategy, and has produced transformative results.

Our strategies are responsive to the **St Andrews institutional context and structure** and resourcing and decision-making bodies (see Institution-Level Environment Statement, ILES, 2). At Principal's Office level, these include Research and Innovation Services and the REF-coordination Research Excellence Board. Since 2014, both Rapport and Harris have served as Head of School. Harris is also a member of the overall governing body, the University Court. DoR and DoI are both members of the University Research Committee. Demian serves as EDI Director for the Department and School. Pipyrrou, is a key member of the University Teaching and Research Ethics Committee (overseeing a reform), and of the Research Data Management Advisory Group.

University Strategy 2018-2023 focuses on four attributes - *World Leading, Diverse, Global* and *Entrepreneurial* - all explicitly framed within a context of social responsibility. Social Anthropology plays a key role in the University's environmental-focused and industry-facing Eden Campus development, and the ambition to become net-zero by 2035, through launching a uniquely positioned Centre for Energy Ethics directed by High, who also serves as Co-Director of Research on the Environment and Sustainability Board led by former Chief Scientific Advisor to DEFRA (Boyd). We have particularly strong engagement with the Global Challenges Research Fund (GCRF) through Scottish Funding Council- and UKRI-funded projects.

We are committed to making our research results as openly available as possible for the benefit of all: e.g. Lynteris' Visualising Plague Database. Anthropology has devised disciplinary specific guidelines for **open research** and **research data management** and sharing. This consultative process was guided by the principle "as open as possible, as closed as necessary" and complies with UKRI's Concordat on Open Research Data. The guidelines provide clear categories and decision pathways enabling research staff to exercise expert judgement and justification for the correct treatment of 'data' in legal, technical and confidential ethnographic frameworks.

Our REF2014 submission set out a vision and aim 'to be a leading international department of social anthropology that combines theoretical vigour, historical groundedness, phenomenologically sensitive ethnography, and methodological and topical innovation', and set out a research strategy to attain this by 'by capitalising on past achievements (e.g. path breaking edited collections), an expansive recruitment policy of staff and students, the organisation of research through Centres, and an international orientation regarding funding, networking and dissemination'. We also set out an impact strategy towards 'effecting, facilitating or participating in improvements to quality of life, as these are understood by our research subjects who, as individuals and communities, are the key end users of our knowledge'. The details above show the transformative results of implementing and evolving these research and impact strategies.

In taking these commitments forward we have reshaped our research culture following the Stern Review, with a collective portfolio of differentiated contributions and collegial endeavour at its heart, and endorsed our founding commitment to foregrounding excellent scholarship in new and old contexts as a primary strategic parameter. Our commitment to collective collegial endeavour is evident in the democratic principles in selecting our research output pool, and in the different kinds of contributions to a collective portfolio described throughout this submission.

Looking ahead to the next five years, we aim to pursue and support academic excellence by building on the transformational success of our evolving strategies. We will continue to elevate our coordination and governance mechanisms for research and impact strategy, and will continue to review and revise our investments and supports in dialogue with colleagues and in response to emerging successes, challenges and uncertainties.

2. People

Our people, their intellectual curiosity, their commitments to each other, to academic excellence and to social engagement, are our greatest resources. We take care to look after and support the well-being and development of our research community which includes research students, early career researchers and tenured staff, together with our professional services colleagues. Agreed managerial principles aim to maximise the time available for our strategic priorities - research and impact activities. A complete and transparent workload chart is circulated to all staff for comment and adjustment. We uphold democratic values that do not privilege one research mode or type of researcher over any other, but instead seek to promote excellence in all colleagues. These democratic principles also guided our REF2 output pool selection criteria and weighting decision.

Alongside intellectual leadership at all stages of the profession in our combination of thematic and regional expertise, our distinctiveness is also rooted in the excellence of dedicated scholars

working together on a productively diverse and sometimes eclectic research and impact portfolio in a positive, inclusive, collegial ethos in a supportive socially aware environment and sector-leading institutional framework (ILES, 2.3). St Andrews has long met all key principles of the *Concordat to Support the Career Development of Researchers*, and holds the *European Commission HR Excellence in Research Award*.

From the start of the COVID-19 pandemic, the University Principal provided early reassurance to staff that they should be kind to themselves and each other and work as best they could amongst domestic responsibilities. The University swiftly conducted surveys during the national lockdown, which sought to investigate the diverse impacts on staff and research students, and guide emerging policies and supports at Department, School and University levels.

2.1 Staffing strategy and staff development

Social Anthropology has 21 Category A staff (1 UKRI Future Leader Fellow, 4 Lecturers, 8 Senior Lecturers, 3 Readers, 1 Visiting Professor & 4 Professors):

UKRI Future Leader Fellow:	O'Hare
Lecturers:	Frankland, Gutierrez Garza, Irvine, Joyce
Senior Lecturers:	Bunn, Crook, Demian, Fumanti, Gay y Blasco, Lynteris, Pipyrrou, Wardle
Readers:	High, Knight, Reed
Visiting Professor:	McCallum
Professors:	Dilley, Harris, Hyland, Rapport

Our staffing strategy aims to build on St Andrews' international reputation for excellent anthropological research, by hiring and retaining outstanding individuals at all levels, and supporting staff to thrive and achieve their full research and impact potential. Strategic investments in staffing and our research infrastructures - five research centres and five research clusters (see 1, 3 and 4) - have placed emphasis on enabling small-group focused communities with overlapping and mutual memberships in these umbrella groupings responsive to supporting initiatives of scholarly enquiry and encourage greater collegial interaction.

We are conscious of demographic and diversity issues: our staff derive from Britain (12), Denmark (1), Greece (2), Ireland (1), Italy (1), Mexico (1), Spain (1) & US (2). The overall gender balance is above average for the UK, with 9 female & 12 male staff, across the following positions: UKRI FLF (1M), Lecturers (2F, 2M), Senior Lecturers (4F, 4M), Readers (1F, 2M), Visiting Professor (1F), Professors (1F, 3M). This gender balance, EDI profile and seniority distribution have been actively developed over this REF cycle, and subject to extensive statistical analysis and checking in the REF2 output pool selection process.

This profile also reflects our success in recruitment, progression, and retention. Ongoing growth and renewal has been a particular feature of the REF2021 cycle. We have continued to grow and be reshaped since RAE2008 (FTE11, 4* outputs ranked 2nd overall), and expansion through strategic future investments pivoted on a transitional REF2014 cycle (FTE14). Since then, the complement of research-active permanent staff members has increased by over a third to FTE18.45 in response to student growth and grant capture. This figure includes the retirement of 3 Professors (Gow, Platt, Toren), and the transition to retirement of a further 2 Professors (Dilley, Rapport).

Our determination to maintain a collegiate and outward looking research culture is at the heart of our **appointments** process, and we guarantee this by prioritising: 1. an open and transparent process - we advertise widely and on a global scale; 2. full compliance with gender and diversity considerations starting with the selection of appointments panels; 3. collegial access to reviewing applications and involvement in extensive reading of submitted work at long- and short-listing stages; 4. an equal playing field at interview to which candidates are invited and funded to attend in person, and which our inclusive research community attends. All staff

participating in appointment panels undergo the University's Staff Recruitment module, which includes training about unconscious bias.

St Andrews' internationally recognised strengths allows us to operate a **strategic policy of open role descriptions** in recruitment advertising that emphasises a shared commitment to research and impact excellence rather than specific regional or thematic expertise. This policy consistently results in large pools of high-quality applicants and enables collegial discussions of strategic priorities in view of candidate applications. This open approach has allowed us to both simply appoint the best candidates, and to fulfil specific regional and thematic priorities; for example, Hyland replaced Platt's Andean expertise in the Centre for Amerindian Studies, and Demian replaced Toren in the Centre for Pacific Studies.

Since 2014, we have made 9 new appointments: we attracted 3 Leverhulme Trust Early Career Fellows (High, Knight, Pipyrou), all of whom are now permanent appointments. Both Demian and Lynteris were recruited to Senior Lectureships, and Gutierrez Garza, Irvine and Joyce were recruited to Lectureships. McCallum joins us as Visiting Professor. As a UKRI Future Leader Fellow, O'Hare has joined us on a tenure-track. This planned regeneration strategy focussed on recruiting ECRs has rebalanced the skewing of senior positions in REF2014 cycle.

St Andrews support for **staff development** begins with an induction programme delivered by University senior management and service units, and includes a suite of compulsory online courses, e.g. legal responsibilities in research integrity and ethics, bullying and harassment, and equality and diversity. Two University units, the Organisational and Staff Development Service, and the Centre for Educational Enhancement and Development, provide a comprehensive portfolio of more than 100 staff development courses to staff and research students.

Our staff participate in a number of University **mentoring** schemes: 1. The Early Career Academics' Mentoring Scheme; 2. The Early Career Women Network (which we co-founded); 3. The Elizabeth Garrett Mentoring Scheme which offers female Senior Lecturers, Readers and Professors the opportunity to develop administrative skills necessary for School and University-level leadership roles.

Annual staff reviews with HoS and research check-ins with HoD and DoR also support continuing staff development by encouraging reflection on progress and aspirations, and to plan for future activities in the round - research, impact, development and well-being. These are characteristically light-touch and collegial, and typically focus on discussion of research ideas, initiatives, outputs in progress and published, funding applications and identifying the supports required to meet shared objectives.

Our commitment to retention and realisation of potential is further evidenced by our successes in each year's **promotions** round - more than a quarter of staff have been promoted in this REF cycle. The University's annual promotions round is advertised centrally and awards elevation solely on the basis of accomplishments. The criteria underpinning the promotions policy for each rank are publicly available, and were revised in 2017 to give greater and equal recognition to impact achievements. Since 2014, Harris and Hyland were promoted to Professor; High, Knight and Reed to Reader; and Fumanti and Pipyrou to Senior Lecturer. Out of a total of 7 promotions, 4 were awarded to male colleagues, and 3 to female colleagues.

2.2 Research students

An engaged and high achieving cohort of home and international research students has always enlivened and driven our anthropological research community. Since 2014, we have celebrated 61 graduations to PhD – a doubled and sustainable increase on the 31 during REF2014. Our support for research students is coordinated by our Director of Postgraduate Research and supported by the Postgraduate Committee. Our recruitment prioritises academic quality over volume and at sustainable levels to ensure outstanding supervision and research training. Current PGR numbers are 48 PhD (29 female, 19 male), and drawn from a wide range of countries: UK (8), EU (16), N. America (8), S. America (4), China (5), PNG (2) and Brunei,

Jordan and Tunisia. In 2015, two Papua New Guineans graduated, including the first PNG woman to receive a PhD in Anthropology.

Successfully attracting the best postgraduates involves coordinating individual expertise and collective reputations for scholarship, training and research culture. Competing for the brightest prospects must recognise that funding opportunities lie at the heart of research students' institutional and career decision making.

St Andrews is a partner in the Scottish Graduate School of Social Science (SGSSS), with Reed overall convenor for the anthropology pathway. SGSSS pools doctoral training events including the Scottish Training in Anthropological Research (STAR) pre- and post-field residential workshops for all anthropology PhD students in Scotland. SGSSS administers ESRC-funded doctoral studentships and postdoctoral award competitions: St Andrews won 7 ESRC and 1 AHRC PhD studentships, and 1 ESRC postdoctoral fellowship during this REF cycle.

St Andrews introduced an open-ended 'Handsel' funding scheme directed at exceptional students through nationality-blind fee waivers and maintenance scholarships: this supports recruitment, matches research income and is reflected in a mid-REF-cycle transition and the rising number of current research students. Research students have won highly prestigious Marshall and Wolfson scholarships. The Centre for Minorities Research and the Centre for Pacific Studies won new fully-funded University scholarships offered by the St Andrews' Graduate School of Interdisciplinary Studies and Global Challenges Forum.

Alongside co-supervision, we have enhanced pastoral monitoring, progress reviews, conference allowances and training needs analysis. All new research students are required to complete online ethics and research integrity training courses. Research students have access to the GRADskills Programme, which provides skill development with over 50 face-to-face workshops and online courses, and contribute to UG teaching. GRADskills supports the transition to employment (within and outside of academia), through training on publishing, public engagement, CV writing, interview skills, applying for postdoc positions and grant writing.

Onward career destinations and successes in securing postdoctoral funding, fixed-term and permanent positions in the academy indicate the high quality of our graduating research students: e.g. Cova (Assistant Professor, Aarhus); Hukula (PNG National Research Institute); Junghans (CRASSH Research Fellow, Cambridge); Shisharenco (Senior Research Fellow, Lancaster), and Yang (Lecturer, Shaanxi). Non-academic professional destinations include Bridgeman (UK government) and Skrzypek (Scottish government) and reflect our emphasis on wider transferable skills and employability.

2.3 Equality and diversity

Our commitment to equality for all is deeply ingrained in our research community, and was recognised by the award of Athena Swan Bronze status. Recognition and provisions for equality and diversity run through our staffing strategies and development frameworks for staff and research students. This is also evident in the diversity of our research students, postdoctoral researchers and Visiting Scholars (e.g. BAME scholar, Doublie). The Balzan-funded 'Ethnographic Horizons' project supports 4 postdoctoral fellows from Brazil and Papua New Guinea, and has Honorary Professors attached to their respective National Museums. We have created new governance structures, staff policies and training requirements to formally embed EDI in our research culture. A new EDI Director role joins the Management, Research, Postgraduate and Ethics Committees, and coordinates with our appointments process, and oversees an annual review to analyse data, monitor progress and impact.

The University's Flexible Working Policy supports equality of opportunity and developing work practices and policies that support work-life balance. Social Anthropology promotes a family-friendly culture: children are welcome at seminars, and staff are encouraged to work flexibly during school holidays. All meetings, teaching (aside from the Evening Degree) and research

seminars are held during core hours. Our well-being officer organises a programme of supports for students and staff.

3. Income, infrastructure and facilities

We have more than quadrupled grant capture success rates, **research awards and the 5-year HESA average income**, derived from funding sources across the spectrum of gearing to the impact agenda. As a result, we have been able to launch ambitious new research and impact projects and publish leading scholarship (see 1 and 4). Research centres and clusters provide a strategic focus for some of our distinctive regional and thematic strengths: for example, the Centre for Amerindian Studies celebrated its 50th anniversary in 2019; the Centre for Pacific Studies is the UK's only research centre dedicated to the Pacific; and the Centre for Energy Ethics works in tandem with University initiatives towards carbon neutrality.

Since 2014, our transformative success across a larger base has reshaped the role of research centres and clusters as principal organising structures, and their continuing relevance has evolved amongst a wider suite of scaffolding **research infrastructures** in view of our increasing pathways to generate research initiatives. As detailed below, our research community is supported by, and enjoys, world-class **operational infrastructures** and **facilities** (also see ILES, 4).

3.1 External income

We have more than quadrupled externally derived research awards to £4,661,906, up from £1,074,174 in REF2014. Grant capture in the form of large-scale collaborative grants, network grants, individual awards, residential fellowships, and grants to fund workshops and conferences from UK and international research bodies has risen our HESA reported 5-year average research income to £400,285, up from £91,263 in REF2014. The total research spend of £2,453,071 demonstrates our vitality through transformative success and our sustainability through significant planned research post-REF2021.

We support and incentivise grant-seeking activity by making success visible and rewarded, enhancing liaison with the research grants office; greater participation in grant activity through pathways for mentoring and internal review of grant applications; and through internally supporting 64 months of research and impact leave, in addition to 61 months of externally funded buy-outs and 158 months of externally funded postdoctoral positions – together amounting to more than 23 person-years of additional research time.

Staff have collectively achieved unprecedented levels of success in securing external research and impact funding from more than 25 different National, European and International funding bodies and private foundations across the spectrum of engagement with the impact agenda. Funders include (in alphabetical order):

Arts and Humanities Research Council, Brazilian National Council for the State Funding Agencies (CONFAP), British Academy, Brocher Foundation, Carnegie Trust for the Universities of Scotland, Creative Scotland, Economic and Social Research Council, Engineering and Physical Sciences Research Council, EuropeAid, European Commission Framework 7 & Horizon 2020, European Fund for Regional Development, European Research Council, International Balzan Foundation, Japan Society for the Promotion of Science, John Carter Brown Library, John Simon Guggenheim Memorial Foundation, Leverhulme Trust, Medical Research Council, National Geographic, Royal Society, Royal Society of Edinburgh, Scottish Funding Council, Spanish Ministry of Economy and Competitiveness, UK Research and Innovation, and the Wellcome Trust.

More than two-thirds of our Category A staff secured at least one of these sources of research funding. By conducting, managing and reporting on these funds to a high standard, and in each case producing all of the output deliverables, we have developed reputations and ongoing relations with our funders, and valuable track records and indicators of success for subsequent funders.

St Andrews PI external research and impact awards £40,000+ (REF2021 element only):	
Bunn, AHRC , Follow-on Funding: Woven Communities 2: Making memory and mind, 2016-17.	£95,000
Bunn, Royal Society , Interdisciplinary APEX, 'Forces in Translation: dialogues between craft, anthropology and mathematics', 2019-21	£42,257
Crook, EU Framework 7 , European Consortium for Pacific Studies, 'Knowledge Exchange: Research Policy Interfaces for the Pacific Context', 2012-15.	€253,000
Crook, EU EuropeAid , 'Understanding Gender Inequality Actions in the Pacific: Ethnographic Case-studies and Policy Options', 2015.	€150,000
Crook, EU H2020 Marie-Curie Global Fellowship (Dr Skrzypek), 'Innovation through co-creation in contemporary mining relations', 2017-20.	€276,107
Crook, AHRC GCRF , 'Participatory Film-making as a Development Method to Address Gender Inequality in the Pacific', 2017-19.	£60,000
Crook, International Balzan Foundation , 'Ethnographic Horizons', 2018 Balzan Prize in Social Anthropology awarded to Marilyn Strathern, 2019-22.	CHF229,166
Fumanti, Wellcome Trust , 'Narratives of Mental Illness in Contemporary Namibia', Seed Award, 2016.	£49,300
Gay y Blasco, Spanish Ministry of Economy and Competitiveness , 'New visions of community / new Gitano, hybrid and sexualised identities', 2015-17.	£48,472
Harris, British Academy/Leverhulme Trust , Senior Research Fellowship, 'The birth of Brazilian Amazonian riverine cultures', 2015-16.	£47,000
Harris, Leverhulme Trust , Major Research Grant, 'The Amazon as a historical place: Past lessons for future challenges in the Brazilian Amazon', 2013-16.	£149,833
High, Leverhulme Trust , Early Career Fellowship, 'Fracking Dreams: Corporate Morality and Environmental Politics in a New 'Energy Economy' in the United States', 2014-2016.	£91,000
High, European Research Council , Starting Grant, 'Energy Ethics: Finance Moralities and Environmental Politics in the Global Oil Economy', 2017-20.	€1,500,000
Hyland, John Simon Guggenheim Memorial Foundation , Fellowship, 'Hidden Texts of the Andes: Deciphering the Khipus (Cord Writing) of Peru, 2019-20.	US\$55,000
Hyland, Leverhulme Trust , Research Grant, 'Hidden Texts of the Andes: Deciphering the Khipus (Cord Writing) of Peru', 2017-20.	£251,902
Knight, Leverhulme Trust , Early Career Fellowship, 'Renewable Energy and Extractive Economies in the Greek Economic Crisis', 2016-19.	£144,000
Lynteris, European Research Council , Starting Grant, 'Visual Representations of the Third Plague Pandemic', [€1.49 million total; St Andrews element], 2017-18.	£200,323
Lynteris, Wellcome Trust , Investigator Award, 'Global War Against the Rat and the Epistemic Emergence of Zoonosis', [£990,164 total], 2019-24.	£247,541
O'Hare, UKRI Future Leaders Fellowship , 'Transforming Plastics into Solidarity: Ethical Vertical Integration and Binational Recycling', 2020-24.	£47,661
Pipyrou, Leverhulme Trust , Early Career Fellowship, 'An Intergenerational analysis of forced child relocation in Italy', 2014-17.	£141,776

Success in attracting external funds on this scale has had a transformative effect on the level, reach and significance of our activities and outputs (also see 4).

3.2 Internal income

We have also been successful in winning **internal research and impact funds**. The University directly funds or manages a number of targeted schemes: 1. the Knowledge Exchange and Impact funds (small awards up to £2,500, and large awards up to £12,500); 2. The Russell Trust Development Award (up to £2,500); 3. the Gender, Diversity and Inclusion Research Fund (up to £5,000); and 4. the Scottish Funding Council Global Challenges Research Fund (up to £30,000). In total, we secured £38,440 KE&I funding (4 projects, Bunn, High, Wardle); £6,600 RTDA funding (4 projects, Gay y Blasco, High, Lynteris, Wardle); £5,740 from the GDIRF fund (2 projects, Gay y Blasco, Pipyrrou); and £102,147 from SFC GCRF (5 projects, Crook, Demian, Pipyrrou, Wardle). These competitively won internal funds for research, impact and development amount to £152,927.

3.3 Research infrastructure

Since 2014, our transformative success across a larger base has reshaped the role of umbrella research centres and clusters as principal organising structures, and their continuing relevance has evolved through a strategic review of our wider suite of scaffolding research infrastructure in response to our strategically encouraging greater scholarly interaction and overlapping inclusivity, and in view of our increasing number and diverse pathways to generate research and impact initiatives.

We have invested in our **Research Centres** through recruited replacement and additional posts to broaden and deepen existing strengths in three established Centres: Centre for Amerindian Studies (CAS), Centre for Cosmopolitan Studies (CCS), and Centre for Pacific Studies (CPS). We have also invested support in the launch of a further two Centres, each of which are highly interdisciplinary and have a University-wide remit and profile: the Centre for Minorities Research (CMR), and the Centre for Energy Ethics (CEE). Anthropology's role in leading interdisciplinarity at St Andrews is also reflected in Joyce as Co-Director of the new Centre for Soviet Russian and Central and Eastern European Studies (CRSCEES). Research Centres are led by a Director and governed by management boards, and are subject to regular review at Research Committee and University levels to ensure their viability by guiding resource allocations and staffing investments.

In response to colleagues' existing thematic interests and emerging intellectual synergies, we have enhanced the role and activities of four established **Research Clusters** – Africa; Art and Material Culture; Collaborative Anthropology; Epistemologies of Medicine - and supported the launch of one new cluster - Historical and Archival). The research clusters are looser constellations supporting shared or topical or themed research interests and supported with a smaller budget. Larger funded research projects will provide the stimulus to sustain a cluster which often organise around reading groups and seminar presentations. Funding has also enhanced our involvement in interdisciplinary research clusters elsewhere in the University, e.g. the Centre for the Study of Religion and Politics, and the Institutes for Gender Studies and Legal and Constitutional Research.

Regular **research seminars**, organised by the Department, its research centres and clusters, invite and engage speakers of international standing, and have worked hard to reflect our collegial research ethos of being hard on the ideas and easy on the person. A crucial element in fostering international reputation is our ongoing series of conferences, workshops and seminars that consider important established or emerging theoretical issues. The Ladislav Holy Memorial Trust, set up after his death in 1997, plays an important supportive role for some of these events.

Together, these strategic research infrastructures provide both external visibility for attracting funding, projects and expertise, platforms for collaboration and international networking (see 4), and internal scholarly catalysts. As detailed above in the linkages between research income,

publication outputs and impact activities, our collective successes mostly take place under the auspices of these infrastructures.

3.4 Operational infrastructure and Facilities

The anthropological research community is housed together around St Salvators Quadrangle, with 24-hour access to offices, libraries and a common room in United College and a stone villa at 71, North Street. Since 2014, we have been awarded extra physical space for offices and desk spaces for our expanded numbers of staff and research students. All contracted staff have their own office space and computers, and unlimited access to campus-wide print facilities. Our oldest research centre, CAS, has its own suite of rooms with a teaching library that includes over 4,000 Amerindian-focused texts, with 600 titles only held by St Andrews. University IT services and a dedicated computer officer provide day-to-day technical problem-solving and website support for research infrastructures and events.

Since 2014, we have undertaken a major review of managerial, administrative and professional support services: a new School Manager role was created, and support staff hitherto connected primarily with the three different departments were reassigned to dedicated teams supporting teaching, and our research and impact infrastructures through pre- and post-award project support, finances and all HR issues.

The main **University Library** subscribes to all the leading regional and disciplinary journals, and provides world-class access to extensive online publications, audio-visual resources, and actively procures and curates our excellent anthropology collection. Acquisitions and holdings are developed between our Library Officer and a dedicated collection adviser on the Library staff. Our annual library budget of £11,500 is separate from journal subscriptions, and we have been notably successful in securing £32,000 from the Library's Research Enhancement Fund to improve provision in key research areas. All St Andrews staff and research students have access to an Inter Library Loan Service and the SCONUL Access scheme, and enjoy privileges to the National Library of Scotland in Edinburgh, one of the major research libraries in Europe.

The Byre Theatre was brought under the University of St Andrews' estate in 2015, and affords a 200 seat auditorium, a 60 seat Studio Theatre, and further teaching, meeting and exhibition spaces. Availability of the Byre made it possible, in 2015, for our Centre for Pacific Studies to host a series of public talks under the rubric 'Pacific Connections', culminating in the hosting of the University of the South Pacific's Oceania Dance Theatre and Pasifika Voices for performances of 'Moana: The Rising of the Seas' which involved a Pop-up Oceania exhibition and outreach activities that together went on to be Shortlisted for the 2016 THE Awards. The **Wardlaw Museum** showcases University history and collections, and hosted Dilley's exhibition 'Encountering Africa: Henry Gaden's photography'. The department makes pedagogic use of The Burn House, operated by the Goodenough Trust, for postgraduate STAR network training events.

Section 4. Collaboration and contribution to the research base, economy and society

Since its start in 1979, Social Anthropology at St Andrews has always been outward looking. As much as our research community is defined through our distinctive thematic, regional and interdisciplinary strengths, and through the distinction of our collegial research culture and world-class institutional environment, we are, of course, primarily defined through our relations with diverse communities. As anthropologists we understand that we are not only our own persons, and equally, we are much more than the sum of our St Andrews-based community. These relations represent social responsibilities and also opportunities to use our expertise, privileged position and resources to wider benefit. Since 2014, we have enhanced our international profile and collaborations, and contributions to the research base, economy and society.

Our collaborative outlook and track record places St Andrews 2nd in the UK Leiden rankings (ILES, 2). St Andrews' University Strategy 2018-2023 is outward looking and framed by social responsibility, and sets out aspirations and supports to uplift and consolidate 6 interdisciplinary

themes in which we are world-leading, including Cultural Understanding. Increasingly, external recognition of our expertise has led to approaches for intellectual partnerships, policy advice, and applied public engagement. We have also expanded and diversified our interdisciplinary activities: e.g. Reed's EPSRC collaboration with computer scientists and game designers, and his ESRC Transforming Social Science funded collaboration on sonic acoustemologies with ZOOS.

4.1 Micro case studies

In order to illustrate and evidence the diverse ways in which we support collaboration, engage key research users and make contributions to our academic and non-academic communities, we detail a series of micro case studies which demonstrate our strategies in action. Our success in attracting external funds has clear linkages for initiating cutting-edge projects and generating world-class research publications, and for resourcing a virtuous circle drawing in the best national and international collaborators, the best research students and early career researchers - and providing in turn an evidence base to draw from in engaging non-academics, practitioners and communities.

The following micro case studies provide both research- and impact-focused examples of the ways we interact with these agendas, connect with these virtuous cycles, and connect with our academic and non-academic communities. Each example flows from funding success and publication outputs and, in different ways, each demonstrates our support for interdisciplinarity, collaboration and international consortiums. These selected examples also demonstrate the roles of our research infrastructures as expert hubs and visible platforms.

Research collaboration

1. European and Spanish funding through the **Collaborative Anthropology research cluster** paved the way for Gay y Blasco and her longstanding friend and collaborator Liria de la Cruz Hernández (a Roma woman living in Madrid) to co-write a unique and important book *Writing Friendship: A Reciprocal Ethnography*, which movingly dissolves the dichotomy between author and subject. In recognition of her own anthropological achievement, St Andrews conferred an Honorary Master of Arts Degree on de la Cruz Hernández in 2019. St Andrews is world-leading on decolonising scholarship and opening research up to the input and critique of research participants through collaborative methods in field research, analysis, writing up and dissemination.
2. Our three Leverhulme Trust Early Career Fellowships provided invaluable time and space to write and produced an outstanding number of high-quality publications: High's influential monograph *Fear and Fortune*; Knight's major publications in *JRAI*, *AQ* and *AE*; Pipyrrou's important *AQ* article and completion of her monograph *The Grecanici*. All three have gone on to produce numerous other publications, including two co-authored books (High's ERC-funded *Energy Ethics* & Knight's *Anthropology of the Future*), together with three further monographs under review. All three of these former Leverhulme Trust-funded colleagues have been promoted, and each has gone on to assume leadership roles in interdisciplinary collaboration as the Director of a Research Centre (High, **Energy Ethics**; Knight, **Cosmopolitan**; Pipyrrou, **Minorities Research**).
3. High's European Research Council funding enabled the interdisciplinary and collaborative groundwork for the new **Centre for Energy Ethics** (CEE) which highlights what can be achieved when working in an interdisciplinary environment and accepting our social responsibility as scholars to answer big societal questions. In exploring and enhancing energy technologies, the guiding question needs to be not only what can we do, but also what should we do? By pursuing an explicitly apolitical approach, CEE involves diverse stakeholders and explores difficult and conflicting dynamics in the kind of world we envision and create for ourselves and others.
4. Pipyrrou's research is explicitly interdisciplinary and inherently collaborative. The new **Centre for Minorities Research** (CMR) follows this model and inspiration, and in doing so

disrupts disciplinary and organisational conventions, and approaches many of our thematic and regional interests from new perspectives. CMR brings together interdisciplinary expertise from staff from across seven Schools at St Andrews, and has signed MoUs with international partners in Messina, Verona, UFMG (Brazil), Trondheim and Flensburg, and collaborates with an international network newly brought into dialogue through projects in Brazil (on indigenous education), and in Scotland (on migrants and human trafficking). CMR's research themes prioritise relevance to the everyday lives of minorities: 1. Migration, displacement and mobility; 2. (in)Equality and space; 3. Geographies of diversity and inclusion; 4. Conflict and Human Rights; 5. Pain and loss.

5. With EU Framework 7 funding, the **Centre for Pacific Studies** initiated the EU-funded European Consortium for Pacific Studies (2012-17), involving 4 European universities (St Andrews, Bergen, Marseille, Nijmegen) and 2 Pacific partners (University of the South Pacific, Papua New Guinea National Research Institute). Activity in the REF2021 cycle saw problem-based research network workshops held in Nijmegen, Marseille and St Andrews, each followed by policy-roundtables in Brussels with the EU's European External Action Service and DEVCO EuropeAid. Such events involved participants from the Pacific, NGOs, EU, ACP, Pacific governments and social science and humanities researchers from across the Pacific and Europe. ECOPAS created a 800+ strong international research network and the www.pacific-studies.net database searchable by place and theme of research expertise on the Pacific.

6. The confidence shown by the European Research Council and Wellcome Trust amongst others in Lynteris' interdisciplinary expertise on zoonotic disease and epidemic control has been rewarded with a portfolio of high quality journal articles, alongside 2 sole-authored monographs *Ethnographic Plague*, *Human Extinction*, and 1 co-authored with a historian *Sulphuric Utopias* (*Guardian* top 30 books to understand the world in 2020). Lynteris' research in the **Epistemologies of Medicine research cluster** draws upon science, theology and history, and draws other disciplines into anthropological knowledge and methodologies. Throughout the COVID-19 pandemic, his medical anthropological research and commentary have informed public debate, in particular on the subject of wet markets and anti-epidemic masks with over 200 press/media outlets across the globe covering his opinion, including op-eds and interviews in *The New York Times*, *BBC*, *SCMP*, *Guardian*, *ABC*, *The New Statesman*, *Deutschlandfunk*, *Libération*, *Le Monde*, *Barrons*, *The Atlantic*, and *Huffington Post*. On the subject of masks, he has advised the House of Lords COVID-19 Committee while a new law passed on the compulsory wearing of these devices in Mexico quotes Lynteris's research as evidence in support of the legislation.

7. Fumanti's Wellcome Trust Seed Award funded research combines the **Africa and Epistemologies of Medicine research clusters**, in a collaborative project with artists and mental health practitioners: 'Narratives of Mental Illness in Contemporary Namibia' involved 3 art therapy workshops for people diagnosed with mental illness. Fumanti's research was featured by the Namibian Broadcasting Corporation on national TV, gave rise to a short film screened at the 2019 RAI Film Festival, and led to 2 published articles in *Culture, Medicine and Psychiatry*, and in *Somatosphere*. Fumanti and his Namibian collaborators are jointly writing 2 further articles. The project also led to several international invitations to strengthen collaborations on mental illness: Fumanti's Visiting Fellowship at the Graduate School of Asian and African Area Studies in Kyoto was funded by a Japan Society for the Promotion of Science Fellowship, and his residential Fellowship in Geneva was funded by the Brocher Foundation which promotes collaboration on 21st century health challenges.

Impact collaboration

1. Working through the **Art and Material Culture research cluster**, Bunn's AHRC, Royal Society Interdisciplinary APEX, and internal KE&I funding has enabled two highly original and innovative interdisciplinary and inter-sector collaborations on craft and heritage (Woven Communities) and on craft and mathematical cognition (Forces in Translation). Partners include the Scottish Basketmakers-Circle; multiple Scottish Museums and galleries; Stroke Recovery Unit, Raigmore Hospital, Inverness; University of Hertfordshire, University of Aberdeen,

Manchester Metropolitan University and University of Aarhus' Centre for Future Technologies Culture and Learning. Bunn's own expertise as a maker and interdisciplinary researcher has driven the collaborative project, and expanded awareness of Scottish social history through a focus on its basket-weaving and at the same time, shown how practical craft- and hand-skills, such as basket-making, can provide an important input to cognitive - especially spatial and geometric - development.

Bunn's research outputs include work on basketry, design and recovery in *Journal of Design History*, *Craft Research* and *Journal of Art and Communities* and two definitive edited volumes *Anthropology and Beauty* and *The Material Culture of Basketry*, alongside an impressive portfolio of wide ranging impacts. Key impacts include engaging the public in heritage research through practice; intangible cultural heritage outcomes enhancing knowledge of museum collections; developing new avenues and practices for creative mathematical understanding; drawing on hand-memories to assist communication for people living with dementia; and assisting in recovery of physical, cognitive and social capacity following acquired brain injury or stroke.

2. Crook's European Union, AHRC and SFC Global Challenges funding led to the edited book *Pacific Climate Cultures*, and the portfolio of interdisciplinary research outputs and policy influence on gender inequality in the Pacific described in his Impact Case Study (see REF3). Research evidence underpins 2 major European Union-led development programmes worth €68,000,000, provided a catalyst for a regional consortium of Pacific filmmakers, and entailed collaborations recognised by the 2016 THE Awards.

3. Working through the **Centre for Amerindian Studies**, Hyland's Guggenheim, Leverhulme Trust and National Geographic funded interdisciplinary and historical research unlocking the secrets of Andean knotted chords underpin ground-breaking research outputs in *American Anthropologist* and *Current Anthropology*, and has stimulated a renaissance in Peruvian knowledges, attracted global exposure (*National Geographic*, *Google 3D*) described in her Impact Case Study (see REF3).

4.2 Service and esteem

Colleagues' service in positions of national and international leadership within the discipline has contributed significantly to the research base, and we have enhanced our participation in editorship, service to funding assessment and programme design, and globally visible leadership positions. Since 2014, Rapport served a 3-year term as Chair of the Association of Social Anthropologists, and is an active Fellow of the Royal Society of Edinburgh; Reed currently serves as Joint-Editor of *JRAI*, and is Anthropology Convenor in the Scottish Graduate School of Social Science (SGSSS); Knight serves as Co-Editor to *History and Anthropology*; Crook advised the AHRC/ESRC on the Indigenous Engagement and Knowledge Mobilisation initiative and was the sole anthropologist in this UKRI programme; and other colleagues have been newly appointed to influential roles in national committees, funding assessment and international publications. Bunn serves on the British Museum's Endangered Material Knowledge programme funding panel and advisory group.