

**Institution: Falmouth University**

**Unit of Assessment: 34 - Art and Design: History, Practice and Theory**

**a. Overview**

Falmouth University was awarded full university title in 2012. Formerly University College Falmouth, its merger with Dartington College of Arts in 2008 created the UK's largest specialist arts university outside the London area, with departments covering art, design, journalism and media, choreography, music, theatre and writing. Since 2009 a new Vice-Chancellor, Prof. Anne Carlisle, has positioned research and innovation as a central tenet of the University Strategic Plan, delivering significant growth over the past 3 years. Prof. Phil Moore took the post Pro Vice-Chancellor for Research and Innovation in 2012. Following a 2012 Institutional Review, the QAA report on Falmouth commended our emergent research culture, a continuous development following RAE 2008.

The European Social Fund (ESF) and European Regional Development Fund (ERDF) have significantly invested in Cornwall, including major expansion of Falmouth University. This expansion (1200 students in 2001 to circa 4000 in 2013) created a specialist creative university and a substantial creative industries cluster at the edge of Britain. Investment in the university during this assessment period (£38m) has created 3 new facilities: The Performance Centre (PC), funded and built to support the merger with Dartington College, The Exchange, and the Academy for Research and Innovation (AIR). Since 2013, the major expansion and improvement of the Falmouth campus' Graphic Design and Art research and teaching facilities is ongoing.

The AIR and PC buildings at the Penryn campus provide a significant focus for research and engagement across the university and with private, public and HEIs. £3m of the revenue component of the funding to establish AIR was allocated to new appointments to further Falmouth's culture of research and business innovation; AIR is now Cornwall's creative industry hub and Falmouth's business innovation and engagement portal. Further recent ERDF investment (£1.5m) has created Alacrity Falmouth, in partnership with Wesley Clover UK to enable new models of market-driven business innovation and incubation in the videogames/digital media domain.

Falmouth's strategy is driven by excellence in student experience and in our contributions to academic scholarship. The strategy takes place alongside two key trends to the encouragement of interdisciplinary collaboration across the whole institution and between the two submitted Units of Assessment: the ubiquity of digital technologies and the opportunities and challenges they present to the Arts and the Creative Industries; and the increasing importance of sustainable resource-usage.

The opportunities provided by digital convergence and creative practice are key to the success of both Cornwall and the university and so guide our recruitment, taught awards and research. In our commitment to Cornish economic growth we have adopted an ecosystems approach supporting collaboration, experimentation, research and entrepreneurship. We share our Penryn campus with the University of Exeter and the Cornwall Council-owned Tremough Innovation Centre (TIC), a £13M ERDF investment made in this period accommodating university business start-ups and partners in the creative industries.

We have over 80 current formal research collaborations with industrial and third sector partners, almost all of which are based in Cornwall. There are also 18 current PhD partner organisations and 26 funded research partnerships with external organisations. Research partners linked to this Unit of Assessment, include AUDI, Building Research Establishment, Cornwall Development Company, EDF Energy, Fourth Element, IBM (UK) Ltd, Mark Product, National Maritime Museum, Tate St Ives, SBC 3000, the Leach Pottery, Maggie's Cancer Care Centres, WREN, BT, Superfast Cornwall Labs, Westminster City Council, Headcast, Passiv Systems, Korea Telecom, Korea Smart Grid Institute, Taiwan Smart Grid Institute, Western Morning News, Volvo Car, Volvo and Woolf Wear.

### b. Research strategy

Research for this UoA in 2008 was in two separate submissions, reflecting the different traditions and practices of the two pre-merger institutions. The 2008 submissions directed: building on a strong platform of practice in art and design through investment in new professorial and senior posts; developing dedicated space for collaborative research; enriching the postgraduate and research environment by increasing research degree enrolment; growing the range and scope of external collaboration; expanding the institution's knowledge base and capability through merger and gaining University Title in 2011/12.

Falmouth's strategy for 2012-17 recognises specific opportunities in Cornwall and further aligns our strengths in creative disciplines to regional innovation priorities, including responding to Cornwall & IoS' Local Enterprise Partnership (LEP) Strategy and 'Smart Specialisation' priorities, which are informed by broader national, EU and international debates. Falmouth's Strategy for Research and Innovation includes:

- **capitalizing** further our asset base, critical mass and location, both in terms of our contribution to growing the region's creative industries and using our creativity to support research and innovation in other industries;
- **building** staff capacity and capability to research and innovate through strategic investment in existing staff and the appointment of high-performing researchers and research fellows;
- **focusing** Research and Innovation, through AIR, on areas of key importance to the region - Sustainable Design and the Digital Economy;
- **submitting** our application for Research Degree Awarding Powers (RDAP);
- **improving** our research performance in the key areas of research outputs, impact, income and postgraduate research students;
- **growing** research partnerships and interdisciplinary collaborations with external partners;
- **continuing** to prioritise knowledge exchange and the management of intellectual property to facilitate new initiatives and encourage staff and student entrepreneurship.

Complementary Objectives for 2012-17 foreground:

- **building** Cornwall's growing creative economy through initiatives designed to retain creative graduate talent in Cornwall;
- **establishing** AIR as Cornwall's centre for the creative industries;
- **offering** practical support to businesses and raising levels of business innovation, competitiveness and productivity;
- **supporting** entrepreneurial staff and students using AIR as a pre-incubation environment with the adjacent Tremough Innovation Centre (TIC) as incubation/'grow on' space;
- **engaging** with key sectors and agencies.

In 2013 the University established a Graduate School within AIR, led by Prof. Wilson, Dean of Research and the Graduate School, to lead on the development of pan-institutional research efforts and suture the postgraduate environment, staff research and teaching activity. The Graduate School's MFA programme, launched in 2013, notably provides a cross-disciplinary postgraduate platform and a bridge between teaching and research.

The *Autonomous* Research Group, led by Dr. Katie Bunnell (Assoc. Prof.) pioneers boutique models of digital fabrication and digitally-interactive craft design. This multidisciplinary group is spread throughout Falmouth skills and technology base. Successes include (Assoc. Prof.) Dr. Justin Marshall's involvement in the *Bespoke* project on digital interfaces for socially and digitally excluded people; an ESF PhD studentship with Leach Pottery, St Ives, exploring digital technologies for a studio pottery; and Drummond Masterton's Jerwood Prize-winning digital metalcraft. The long-term success of *Autonomous* was recognised by a Craft Skills Spotlight Award (May 2013) from Creative and Cultural Skills UK, presented by HRH Prince Charles. *Supercrafted*, an ERDF and Superfast Broadband (SFBB). Cornwall-funded project develops competitive online advantage for crafts practitioners in rural locations. *Autonomous* hosted a Crafts Council-supported Craft and Technology Residency with Pervasive Media Studio, Bristol and Plymouth's iDat.

*Automatic* established *Makernow*, a 'Fab Lab', part of the international network, which facilitates community access to digital fabrication and supports research such as the BT-sponsored 'SuperSTEAM'. Group members have featured in national and international exhibitions, spoken at international conferences and lectures for professional associations such as Crafts Council UK, Craft Northern Ireland and Devon Guild of Craftsmen. In 2010, members were invited and funded by the Bavarian Government to present *Automatic* at 'Exempla', the International Handwerksmesse, Munich. Tavs Jorgensen and Gayle Matthias have established a unique technique for creating glass-casting moulds directly from three-dimensional computer drawings supported ZCorporation Inc. (US), Gaffer Glass (NZ) and the Royal Free Hospital. A practical application of the technique, making glass moulds of human ears and tracheas, is used in reconstructive surgery.

Now integrated to AIR's broader Digital Economy theme, the cluster *iRes Research in Network Art* (2003-2010) examined ethical production and dissemination in networked societies. *iRes* was supported by regular open research meetings, artists' talks, symposia and international visiting speakers. *iRes* is extensively archived online: <http://ires.falmouth.ac.uk/ires2/index.php>.

Established in 2004, the *RANE* (Research in Art, Nature & Environment) group includes academic staff, PhD students, MA Art & Environment students and external affiliated members. *RANE* examines the relationship between the visual arts and ecological thought. The arts provide *RANE* flexible, non-linear models for alternate perspective and practice. There is a strong connection with Cornwall and its leadership in renewable energy. In a global network responsive to environmental and social contexts, *RANE's* strategic partners include Cape Farewell, the Eden Project and the Centre for Contemporary Art in the Natural World (CCANW) at the University of Exeter. *RANE's* collaborative initiatives have included *ShortCourse/UK*, with Cape Farewell, University of Arts London and Liverpool John Moore's University, communicating HE's cultural shift towards ecological thinking and sustainability.

Following 2010, *RANE* supports Falmouth University's MA Art & Environment award and a number of PhD studentships. It has organised symposia and conferences, publishing proceedings, including the international *Artful Ecologies* (2006, 2008) and the AIAS (2009) conferences. With CCANW, *RANE* received an AHRC grant of £28,000 and an Arts Council award of £49,000 to develop and deliver artist residencies and an exhibition and forum, 'Soil Culture'.

Falmouth's research groups, foci for staff research, form part of the infrastructure to achieve key targets. Falmouth has increased the number of staff with supervisory experience to 44, and the number of staff active in subject associations and learned societies has nearly doubled since RAE2008. Thus, cumulative postgraduate doctoral completions have grown to 6 for this Unit of Assessment. Research groups are part of the growth of grant and other research income, including recent research awards of over £2m. All academics are encouraged to participate in advanced scholarship and research whether in research groups or academic departments. Falmouth is working with research degree partner, the University of the Arts, London to achieve full RDAP status in 2014/15 The RDAP application has increased research by supporting the transition of previously non-research active staff.

Our growth in research, work with commercial and governmental communities, national and international, and increased research income, contribute to the University's underlying strategic development and contribution to Cornwall's growth. Our Product Design Unit provides consultancy services to industry, and the newly formed Centre for Sustainable Design led by Yorick Benjamin is making a strong contribution through user-centred design and low carbon infrastructure projects. Our growth as a hub of creative commercial innovation, Cornwall's unique situation places us ideally for significant growth through engagement with the EU's Horizon 2020 programme.

Falmouth has invested in developing Knowledge Transfer Partnerships by appointing Knowledge Transfer and Collaborative Research Manager Eleanor Jubb to oversee KTPs at Falmouth include collaboration with Woof Wear, an industry leader in protective products for horses and riders. A

KTP with Fourth Element, an industry leader in adventure equipment, which designs and makes diving clothing and equipment for extreme environments is about to commence. Three more KTPs are forthcoming in early 2014. A recent EU FP7 award of €2.5m will establish a sector leading research capability in Digital Games Technology at Falmouth,

DiaGram is a research co-operative centred on graphic design's transmission of small units of meaning. This research is made manifest through independent and collaborative projects that explore graphic design's research and impact. This research group builds on Falmouth's international reputation for practice in graphic design and illustration and is supported by newly-promoted Assoc. Prof., Tim Donaldson. Members of the Material and Visual Culture Research Group interrogate the history, circulation and interpretation of material and visual culture in collaboration with professional and social communities. This group is supported by two newly-promoted Assoc. Profs., Dr. Deborah Sugg Ryan and Dr. Fiona Hackney, both members of the AHRC peer review college and Co-I and P-I for major RCUK and EU-supported projects.

The University is engaged in several Superfast Broadband (SFBB) developments with BT and wider collaboration to develop Smart Grid technologies. Profs. Philip Moore and David Hawkins are exploring how such technologies impact rural communities. Further SFBB research includes work with Wadebridge Renewable Energy Network (WREN) to evaluate the environmental impact of SFBB and the study of assistive technologies; situating Smart Grid and monitoring technologies in a residential home specialising in dementia care and collaborating with major Korean Companies, the Korea Smart Grid Institute and 'Smart Cornwall'. Prof. Phil Stenton from the Graduate School has facilitated Falmouth's Centroid 3D Motion Capture Research Lab, networked to Pinewood studios to provide a research facility available across the University that also benefits local enterprise.

A collaboration with Swedish Biomimetics 3000, based at the University of Oxford's Science Park, gives commercial and environmental potential in the textile and clothing industries. The developments involve the joint development and exploitation of IP and is linked to AIR and Falmouth's Fashion and Textile Institute via Tom Podolinski. Test rigs and prototyping equipment have been developed by our Product Development Centre in conjunction with the *Makernow* fab-lab.

Progress with AIR and the PC provides a strong platform for future research collaboration and knowledge exchange, increasing access for national and Cornish cultural and creative industries. We engage the LEP through membership, consultancy and research to influence the next deployment of convergence funding to enable a high-growth Cornish economy.

**c. People, including:**

**i. Staffing strategy and staff development**

**People; recruitment**

The Unit has made senior appointments and internal promotions to the professoriate to consolidate and grow research in art and design. New members of the professoriate have contributed awareness and activity through renewed leadership of research clusters, mentored new and established staff and increased participation in regional and national research networks – including successful appointments as P-I or Co-I for RCUK bids.

The research culture's maturation in art and design subjects is reflected by consistent size of submission despite more rigorous selection. As all academic staff are expected to maintain their research practice at a high level, since 2008 a greater proportion are now either fully research active, or are rapidly developing with a view to engaging with future evaluations. In parallel, more staff are involved with PGR supervision and processes, research groups and clusters and our researcher development programme.

Although the majority of academic staff are able to locate their research and practice within the two Units of Assessment being entered by Falmouth for REF2014, it is acknowledged

that there are research and programme areas in development, which are at the very early stages of generating research momentum. Such colleagues are fully included in all aspects of AIR and the Graduate School and are being supported to grow their research and collaborative work.

### Staff Development

Through the Research & Innovation Office (RIO) and the Graduate School, the institution supports staff research development with a particular focus on Early Career Researchers. This Unit has a modest professoriate of 1 full prof. (Male) and 7 assoc. profs., 3 of whom were promoted within academic departments in 2013, and 1 (Hawkins) recruited in 2011. The Graduate School enables them to work with other members of the professoriate to effectively mentor newly-appointed staff and research groups. The Graduate School and RIO provide a Researcher Development Programme and Research support schemes (QR funding) that facilitate pilot 'research investments' in new projects; a 'research leave scheme' and a 'conference fund', all open to support initiatives from ECRs. Further QR funds are invested in a doctoral track programme for staff to register for PhDs at Falmouth or another institution. The University promotes research-informed teaching and scholarly activity with mentoring, annual research leave, training and financial support. The PDR process foregrounds research objectives through academic units' Research and Innovation objectives. Directors, assisted by professoriate colleagues, identify cross-disciplinary opportunities for research work.

The University has invested in establishing the Penryn campus as an international conference venue by underwriting a range of events. There have been 4 major events in the past 12 months alone, *Performing Objects*, *AIR Pressure*, *FASCINATE* and *Malady and Mortality*. These have attracted international audiences and given ECRs the opportunity to present peer-reviewed papers. Regular research talks - *Research Bites* - enable staff to share their current activities in a supportive, interdisciplinary forum.

Amongst senior research staff, increased activity has resulted in a number of prestigious awards and accolades. Fellowships include a British Academy Mid-Career Fellowship (Sugg Ryan) and a residency at the British School at Rome (Sian Bonnell). Mike Wilson received ASPECT funding as a single award endorsed by the AHRC CEO. Prof. Wilson sits by invitation on the advisory boards of three RCUK programmes (Digital Economy, Digital Transformations, Connected Communities) and the AHRC Strategic Advisory group. David Hawkins was an overseas member of the Creative and Performing Arts Peer Review Panel for the New Zealand Government's Performance Based Research Fund 2012 (REF equivalent). Patrick and Jane Gottelier, both Fashion Design at our Falmouth campus, were declared De Tao Masters of Fashion at a Hong Kong ceremony in 2013.

### Other Staff

There are no Category C staff submitting to this assessment but the University benefits from a Visiting Professorship programme. VPs regularly contribute to research events and have included Simon Armitage CBE, Siobhan Davies CBE, Simon Fujiwara, Michael Grandage, Sir Kenneth Grange RDI, Hamish Jenkinson, Cornelia Parker OBE, Emily Bell, Edward Barber OBE RDI, Andrew Chitty and Robin Rimbaud.

The AIR Studio Residency Scheme allows a flow-through of people from industry, the arts sector and other universities (e.g., Matt Walsh from Visual Persistence, Nema Hart from Arts Council England and Karen Le Rossignol from Deakin University, Australia) to enrich the collaborative environment.

### Equal Opportunities

Falmouth's research development policies ensure equal opportunities and research integrity. Linked to HEFCE's Concordat to support research integrity, an audit of University procedures was undertaken during 2012-13. Specific University policies directly and indirectly following the Concordat were in place in the following areas: Guidelines on Good Research Practice; Procedures for Dealing with Allegations of Misconduct in Research; Guidance and Procedures on

## Environment template (REF5)

Research Ethics Approvals; Constitution and terms of reference for the Research & Innovation Committee (RIC); Research Degrees Committee and Research Ethics Committee; University health and safety policy; University Equality and Diversity Framework; University Financial Regulations. All existing policies and procedures have been cross-checked under the RIC's remit. To ensure that research integrity becomes part of core researcher development, the Concordat and related University policies are constant references in researcher training, development and University authorisation of research bids

#### ii. Research students.

PhD students are accommodated in the AIR building. As residents of the AIR Studio, students work alongside external residents from commercial and cultural organisations, artists, research staff and RIO and have opportunities to work on live projects, and participate in networking events year-round. The Graduate School combines staff and postgraduate students into an integrated environment. In a 2012 Institutional Review, the QAA report commended the progress we had made over the previous 4 years and the environment established to support PhD programmes post-merger with Dartington College.

In 2008-13 PhD student numbers increased from 6 to 26 in this Unit of Assessment. Falmouth's PhD programme, with partner UAL, delivers training and development opportunities through our own Research Skills Development modules and UAL's Research Networking Events. Over the period of assessment Falmouth has brought much of the PhD programme in-house to prepare for the 2014 RDAP application.

Our research student numbers have benefitted from two rounds of ESF support providing 10 bursaries across this UoA. These students have a Director of Studies from Falmouth, a second supervisor from Plymouth or Exeter and a third from a Cornish SME. In this ESF programme Falmouth's staff members are second supervisors on PhDs at Exeter and Plymouth. In the new EU Structural Investment programme in Cornwall starting in 2014 to 2020, it is anticipated that ESF support for PhD's will be significantly increased. Building on this experience Falmouth, Plymouth and UWE put a successful bid to the AHRC to secure a BGP2 award for 33 PhDs between the three universities. PhD students are encouraged to present their work at UAL Research Network events, at postgraduate conferences and AIR Studio *Open Friday* seminars. Each research student has a budget for conference attendance and materials. PhD students have successfully applied to ACE and HLF to fund specific projects.

#### d. Income, infrastructure and facilities

##### Income and strategies for generating income

The university has made significant progress in generating external research income and now regularly wins competitive research funding from sources including RCUK, NESTA, Arts Council England, Technology Strategy Board (TSB) and the European Commission (FP7 and ESF). The professoriate is key to generating additional research income across the university as senior researchers and departmental leaders. The Unit has attracted funding from Superfast Cornwall and BT for projects in the Digital Economy (e.g. Supercrafted [Bunnell]; Environmental Impact of SFBB [Hawkins]; Assisted Living for Care Homes [Moore]). A recent TSB award IoT-Bay [Moore] is part of the Internet of Things programme, a partnership with Westminster CC, IBM and EDF energy.

The Researcher Development Programme includes sessions on funding; building research partnerships; writing research bids, and research design. The University has increasing engagement with RCUK through membership of Peer Review Colleges, funding panels and advisory boards. The University also recently hosted a meeting of the RCUK Digital Economy Programme Advisory Board (June 2013). The R&I scheme, distributing QR funding amongst the Unit, mirrors RCUK application processes so support, peer review and feedback mechanisms are in place to aid staff.

### **Infrastructure and Facilities**

AIR investment demonstrates Falmouth's commitment to research and innovation. The AIR Studio allows the external community to meet and work with research staff and students. The Studio provides workspace to temporary residents engaged in research, business, technology and art practice and facilitates new project and business pre-incubation. Residents are directed to share knowledge and skills and promote future participation. The Air Sandpit facilitates state of the art technology-enhanced creative play in addressing key regional, national and global challenges, accessed by a spectrum of our stakeholders and partners. The University's website includes a research and innovation section which gives information on research groups, research staff, details of facilities and services available. Sections include detailed staff research profiles, news and events and archives of project work completed. Content on the site is regularly updated to ensure it maintains its value in supporting staff and students. Information is provided on research support schemes and events to raise awareness or form part of training and development.

Research staff and students have access to the Design Centre with extensive provision for digital fabrication. Notable large-scale capabilities include industrial-scale 5-axis milling and the digital jacquard loom. There are extensive workshops for ceramics, textiles, wood, glass, metal and plastic machining and fabrication - including CNC routing and 3D printing in polymers and ceramics.

Motion Capture facilities are located in the Media Centre's fully equipped TV studio, alongside eighteen video editing digilabs, a 106-seat cinema, and over 70 industry-standard HD camera kits. These facilities ensure Falmouth documents and disseminates research in an innovative and creative fashion.

Falmouth University has 2 libraries with a total catalogued stock of 294,555 items. This includes access to 436 academic journals and 10,498 e-books. The recent investment in the library facilities on the shared Penryn campus further supports research activity. The library curates a number of research archives, including the Dartington Historical Records, the Ian Stern Photographic Archive and Institute of Cornish Studies Archive Collections. Falmouth has recently invested in the e-Prints Research Repository, now launched as the Falmouth University Research Repository, capable of hosting outputs from the creative sector.

### **Research Governance**

To maintain quality the University makes use of committees overseeing all aspects of institutional research. The Research & Innovation Committee (RIC), with its validating partner, UAL, reports to the Academic Board. The RIC, chaired by the PVC for Research and Innovation, promotes and facilitates research activities within the context of the University Research and Innovation Strategy, oversees the academic standards of research programmes, and monitors academic units' Research and Innovation strategy.

The Research Ethics Committee (REC) meets termly to oversee research ethics reviews, produce guidance for staff and establish procedures and criteria to risk-assess research projects. The REC monitors for new statutory and professional responsibilities and designs and delivers awareness-raising staff training for. The REC reports annually to the RIC.

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

Campus-sharing with the University of Exeter has led to collaborative explorations and the development of shared research projects, both in terms of PhD studentships and major work, including a bid to NERC undertaken with Exeter's Environment and Sustainability Institute (ESI). Prof. Wilson is a member of the ESI Stakeholder Committee. Prof. Hawkins and ESI's Dr. Lars Johanning are developing Smart Energy Grid systems and renewable energy generation with South Korean interests. Falmouth University will follow such collaborations as the Mutual Recovery Project, involving the European Centre for Human Health and the Environment at the Knowledge Spa in Truro, with projects between ESI and AIR.

Design of the Times (Dott) Cornwall was a collaboration between the Design Council, Cornwall

**Environment template (REF5)**

Council, University College Falmouth and the Technology Strategy Board with more than 3,000 people nationwide in addition to 45 teachers, 1,100 pupils and 50 designers. Dott instigated Cornwall Council's creation of a new rôle, Chief Designer, to guide design-led public services.

AIR's Product Development Centre (PDC) offers external agents design services, including consultancy and digital prototyping. Clients include Exeter and Surrey Universities, NHS Innovations (South West, Salisbury and Bristol), The Eden Project, Engineered Arts, Fourth Element, Pendennis Shipyard, Western Morning News, and other commercial interests.

Staff are members and fellows of many professional organisations, including: Chartered Society of Designers; Society of Illustrators; International Society of Typographic Designers; *Association Typographique Internationale*; Royal College of Art Society; Royal Society for the Encouragement of Arts, Manufactures & Commerce; The Institution of Engineering & Technology; Design Research Society; Royal Society of New Zealand; Society of Children's Book Writers and Illustrators; D & AD.

Academic staff are on Boards of Directors for a range of organisations, including: The Smart Home & Building Association; Project Base along with partners Tate St Ives and Newlyn & Exchange Galleries; Tate St Ives Advisory Board, Guild of Natural Science Illustrators; Helston Arts Trust; Universities South West Board; Strategy Board of Superfast Broadband (BT & Cornwall Council); Cornwall & the Isles of Scilly LEP Board; Cornwall Council's Innovation Centres Board; Cornwall's Research & Innovation Strategy Board, Cultural and Creative Board and Smart Cornwall Steering Group (the 3 former are sub-groups of the LEP board).

Staff contribute to advisory groups and processes in many organisations, including: Smithsonian Institute; ACE/IPRN Commission, University of Sunderland; Arts Institute, Bournemouth; Sheffield Hallam University; Women's History Network SW; Design History Society executive committee; University of Cyprus; Otago Polytechnic, Unitec New Zealand, Design Cornwall.

Staff hold influential editorial and refereeing positions, including: *Interpreting Ceramics*; editorial board for *The Journal of Design History*; advisory board for *Flusser-Studies*; editorial board for *Journal of Writing in Creative Practice*; advisory board for *Convergence: Cumulus conference papers*; *The International Journal for Research into New Media Technologies*; referees for academic publishing including Routledge, Palgrave and Pluto; members of the peer review college for AHRC grant submissions; member of editorial board *Anti-po-des*; overseas member of the Creative and Performing Arts peer review panel for the New Zealand PBRF.

**Environment Data**

During this assessment period the majority of the Unit's external research income has been generated during the period's second half. This dynamic reflects the organisational development attendant to the merger of Dartington with Falmouth and, from 2010, the subsequent arrival of new academic staff at all levels. Falmouth University's external income reflects a fast-growing research culture, the investment in AIR and the University's prioritisation of research. Research and Innovation income now represents 5.9% of total University income. Research income for the period 2011 – 13 for this Unit has been £299k, a figure to grow in 2014 as a result of recent successes in funding applications of over £2m. There have been 21 successful business spin-outs from the University in the review period and, in 2013, 87 separate companies are involved in our collaborative research and development. In 2013, staff have completed 112 business assists and the University has been responsible for the creation of 181 jobs in 2013 (year to November). Falmouth University's external engagement, particularly within Cornwall, has enabled major progress in our strategy to help grow the economy of the county.

Higher PhD enrolments and completions have been assisted by ESF and AHRC BGP2 funded studentships. The bursaries provided by these funds have helped retain postgraduate students in Cornwall, thereby aligning with Strategic Plan objectives. Post-merger, the university has invested its own funds in PhD bursaries to further build a thriving PGR community.