

<p>Institution: University of Reading</p>
<p>Unit of Assessment: 32 Philosophy</p>
<p>a. Overview</p> <p>The Department of Philosophy is part of the School of Humanities, comprising Philosophy, History, and Classics. Philosophy is run as an autonomous Department under the aegis of the School, with its own Head and a Departmental Director of Research. There are 11 full-time and 3 fractional, research-active staff (2008: 12 and 0 respectively). The Department has two subject officers, a secretary for postgraduate students, and two co-School Managers who provide key administrative support.</p> <p>The Department maintains good research coverage in most key areas of analytic philosophy (in particular metaphysics, philosophy of science, and Wittgenstein) and has a growing strength in philosophy of mind and language. However, its foremost research strength remains (as in 2008) in moral philosophy, where the Department can justifiably claim to be one of the strongest departments in the country.</p> <p>There is a lively and collegial nature to academic life in the Department and increasingly this is leading to more collaborative research (not only within the Department but beyond). For instance, the new Centre for Cognition Research (directed by Borg) and the new Centre for Ethics and Political Philosophy (co-directed by Owens) build on existing strengths, providing a platform for innovative interdisciplinary research during the next assessment cycle.</p>
<p>b. Research strategy</p> <p>The research strategy of the Department is to maintain our status as a department of high productivity with a reputation for philosophical excellence over a broad range of areas. This strategy is federal in orientation, a combination of highly active and productive individual members of staff working within a lively and collegial culture involving research clusters and centres. A core element has always been the many forums in which research is presented and discussed: our Research Seminar and Work in Progress series are key parts of this, along with regular workshops, reading groups, conferences, graduate seminars and graduate classes.</p> <p>The success of this working environment is evidenced in part by the fact that, in the relevant assessment period members of staff have published 8 monographs, 57 articles in peer-reviewed journals, 7 edited collections, 56 articles or chapters in edited collections, and 20 articles or chapters in reference works. In addition, we are confident that our research ethos helps to enhance the excellent record we have in graduate recruitment at the highest level, with the attendant employment success for our postgraduates that we consistently demonstrate (see section c.ii).</p> <p>The Department continues to maintain its commitment to research across a broad spectrum of analytic philosophy while at the same time playing to its strengths. The focus for the current REF period has been on developing existing departmental strengths in theoretical philosophy, opening up exciting new possibilities for inter-disciplinary work and building up a second area of excellence to run alongside our existing excellence in moral philosophy. This objective has been met by the strategic new appointments of leading early-career researchers in epistemology, philosophy of language and philosophy of mind (Hansen, Stazicker), the appointment of renowned philosopher of mind and language Gabriel Segal (all in 2012), as well as the creation in 2012 of the new inter-disciplinary Centre for Cognition Research. We would highlight also the new Wittgenstein Forum (Schroeder, Preston, and de Gaynesford), bringing together staff and graduate students to study diverse aspects of Wittgenstein's philosophy.</p> <p>The Department has at the same time invested to sustain and enhance its position as a world-leading centre of excellence for moral philosophy. We have seen the appointment of Owens (2010), who brings world-class expertise in normative ethics as well as a burgeoning research interest in political philosophy. We are excited by the creation of the new Centre for Ethics and Political Philosophy (with an inaugural conference held in Dec 2013 featuring Tim Scanlon as keynote) and the re-appointment of Dancy on a long-term fractional basis. Dancy will contribute to the Centre and the graduate environment of the Department through a series of activities (including convening a ten-week seminar series, running annual intensive graduate courses and acting as graduate supervisor). In addition to the continued contributions of Hooker and Stratton-Lake, Streumer has established an international reputation for his work on the error theory of value.</p> <p>We have accomplished many of the aims laid down in 2008, under the rubric of 'maintaining our reputation for philosophical excellence over a broad range of areas [and an] impressive record of productivity throughout the next five-year period'. Examples of research outputs fulfilling this</p>

Environment template (REF5)

objective include:

- Borg's monograph on minimalist semantics, *Pursuing Meaning*, appeared in 2012.
- Strawson's monograph *Selves* appeared in 2009, and his monographs *Locke on Personal Identity* and *The Evident Connexion* appeared in 2011.
- Preston's publication of a number of papers on Mach, Hertz, and nineteenth century physics (and its influence on Wittgenstein). His book on Kuhn's *The Structure of Scientific Revolutions* appeared in 2008.
- Streumer's publication of a series of significant articles defending the error theory of value.

Related research activities for the current assessment period, in addition to publication, include the following:

- Borg served as White Distinguished Visiting Fellow in Philosophy at Chicago University.
- Strawson served as the Old Dominion Fellow of the Humanities Council and the Philosophy Department at Princeton University.
- There have been academic conferences dedicated to the work of Owens (Central European University) and of Borg (University of Valladolid, Spain).
- De Gaynesford gave an invited paper in 2011 at Princeton for a special conference marking Hilary Putnam's 85th birthday.
- Oderberg delivered the Hourani Lectures on Ethics at SUNY in September 2013.
- Owens was Principal Investigator on the project 'Telling and Trusting' (2009-11) funded by a British Academy Research Development Grant (£81,000). He organised two international workshops in Reading.
- Preston gave a masterclass to graduate students at the University of Zürich on The Historical Turn in the Philosophy of Science.
- Hooker and Stratton-Lake gave masterclasses in 2013 to graduate students at CEU, Budapest, on ethical intuitionism.
- Schroeder was Visiting Research Fellow at the University Pierre-Mendès-France de Grenoble, Research Group Languages & Cognition, March-April 2012.

In addition, Oderberg has developed his research on neo-Aristotelian metaphysics, with a series of papers published since the last RAE on subjects such as form, properties, teleology, actuality and potency, and the nature of life. He is also expanding his work in ethics and philosophy of religion. De Gaynesford pursues highly productive research in philosophy of language at the interface with mind, aesthetics, and ethics. He is currently working on a monograph on integrity as well as one on philosophy and poetry. Schroeder is advancing his research on Wittgenstein, aesthetics, and philosophy of language, and is writing a monograph on Wittgenstein's philosophy of mathematics.

In theoretical philosophy, we have seen the exciting appointment of two new junior lecturers, Hansen and Stazicker, as well as the internationally respected Segal. Hansen works primarily in philosophy of language and epistemology, and Stazicker in philosophy of mind in general and cognitive science in particular. Segal works in philosophy of mind and language, with a growing expertise in the philosophy and cognitive science of addiction and mental illness. The research interests of all three complement our existing strengths in philosophy of mind and philosophy of language. Likewise, Borg devotes much of her research to issues in cognitive science, in particular the interface between semantics and the psychology of language processing. Strawson's work on consciousness fits neatly with Stazicker's work on attention and visual perception. We see the dovetailing of interests between these members of the Department, in addition to interdisciplinary collaboration, as forming the nucleus of a significant research base going forward into the next REF period, rivalling our standing strength in moral philosophy.

The appointments of Stazicker, Hansen and Segal open up new opportunities both for collaboration across disciplines and for research grant applications. All three are exploiting opportunities for interdisciplinary work. Stazicker is excited about working with experts in psychology on topics such as consciousness and perception (where the Department complements the burgeoning research of the School of Psychology in this field). Hansen is engaged in collaboration within the fast-developing field of experimental philosophy, with special reference to issues in epistemology such as contextualism. Segal is enthusiastic about working with colleagues in Psychology on the nature of addiction.

The new Centre for Cognition Research, spanning Philosophy, Psychology and Systems Engineering, was set up in 2012 and will be the primary vehicle for collaboration in philosophy of

mind, cognitive science, and philosophy of language, with at least one substantial grant application in due course. The Centre regularly hosts events of interest to its members and acts to facilitate the exchange of information, promoting new and existing research collaborations at a national and international level. (It has hosted visitors from Australia, Taiwan and Greece, and is actively exploring further research projects in connection with Rutgers' Centre for Cognitive Science, to which it is affiliated.) In conjunction with *Ratio*, the Centre will run a two-day international conference in Spring 2014 on experimental semantics.

The Centre for Ethics and Political Philosophy, a joint enterprise of the Department of Philosophy and the School of Politics, was established in 2013 and will consolidate existing research interests in ethics across several departments/schools (primarily Philosophy and Politics, but also Law and Henley Business School). Its emphasis is on the applied side of ethics, particularly topics of relevance to public policy such as fairness, justice, property, promising and contracts. This important venture will also strengthen graduate recruitment, facilitate large grant applications with co-investigators across disciplines, and foster connections with non-academic external partners and networks.

Our strategy for the 2014-2019 period is devoted to sustaining and promoting our research excellence across a broad range of areas while emphasizing our strengths in ethics, philosophy of language, and philosophy of mind. Central to this is the further development of our proficiencies in light of recent appointments and research opportunities. In order to realize this strategy, **projected publications** for the 2014-2019 period include the following:

Practical philosophy:

- Hooker's monograph on fairness
- Owens' volume of collected papers on epistemic and practical normativity
- Stratton-Lake's monograph on Ross' ethical pluralism
- De Gaynesford's monograph on integrity
- Streumer's monograph on the error theory
- Oderberg's monograph on the metaphysics of good and evil based on the Hourani Lectures.

Theoretical philosophy:

- De Gaynesford's monograph on philosophy and poetry
- Schroeder's monograph on Wittgenstein's philosophy of mathematics
- Strawson's monograph on the use of the notion of narrative in psychology and ethics
- Hansen's monograph on experimental philosophy of language.
- Preston's monograph on Wittgenstein, natural science, and the great philosopher-physicists.

Related research activities planned for the 2014-2019 period include:

- Hansen will be organizing a major international conference on experimental philosophy of language (semantics and pragmatics), as well as an international and interdisciplinary (linguistics, psychology, philosophy) workshop on colour language.
- Preston will be organizing a conference on Wittgenstein and the Natural Sciences sometime between 2016 and 2019.
- Preston will be Organiser and Chair of the 7th AISB Symposium on Computing and Philosophy at Goldsmith's College, London, in April 2014.
- Hansen and Borg will seek to further strengthen research links with the Philosophy Department at Peking University, by assisting with the organization of, and contributing to, a conference on Contextualism to be held in Beijing.
- Four members of the Department – Borg, Hansen, Stazicker, and Preston – plan to make a large grant application (including studentships), under the aegis of the Centre for Cognition Research, on one or more of the following themes: the structures of linguistic comprehension; experimental bias and the empirical foundations of semantics and pragmatics; the mechanisms of perceptual awareness; contextualism in epistemology.
- All members of staff will continue their frequent talks and presentations across the world, looking particularly at ways their work might be disseminated more widely (e.g. via podcasts).

c. People, including:

i. Staffing strategy and staff development

The Department currently has six full-time professors (De Gaynesford, Hooker, Oderberg, Owens, Stratton-Lake, Strawson), three fractional professorial appointments (Borg, Dancy, Segal), two readers (Schroeder, Streumer), one senior lecturer (Preston), and three lecturers (Drewery,

Hansen, Stazicker). The Department's general staffing aims are to maintain enough senior positions to reinforce our outstanding research reputation, while at the same time building for the future; this favours a balanced recruitment policy aimed at attracting outstanding early career researchers as well as more established talent. The recent junior appointments granted to us by the University (being expansion posts not replacements) are testament both to our and the institution's commitment to the health and vitality of the Department.

We are committed to promoting an equal opportunities agenda, both within the Department (at all levels) and in a wider academic setting. For instance, Borg has given a number of invited talks, both within the University of Reading and at other institutions, on the topic of gender equality in academia. She has also been involved in strategy discussions within the University on this issue, and has instigated discussion of the topic with students. Finally, the Department has provided extra support for the mentoring of female temporary and sessional staff to support them in securing permanent employment in the profession.

Our principal mechanism for the development and support of the research work of staff is the Department's research leave (sabbatical) scheme, which grants each full-time, research-active member of staff one term of leave after every six full teaching terms. This is supplemented by active encouragement of staff to apply for additional sources of research funding, as well as 'light' terms granted periodically to staff to enable the completion of significant projects.

All new members of academic staff, regardless of seniority, have an appointed mentor to assist in the induction process. The rationale behind this is that even experienced academics need guidance on the procedures of both the School and University. In addition, the mentoring relationship allows all involved an excellent opportunity to take a reflective stance on career development issues. For new lecturers the need for ongoing support on all aspects of academic practice is particularly important. Thus every early-career researcher has a more senior mentor with whom they discuss, several times a year, their research projects, plans, ideas about funding, and so on. It is important that junior researchers are integrated quickly and fully, despite all their initial teaching and administrative obligations, into the research culture of the Department. To this end, new junior lecturers are given a reduced teaching load in their first year, to support them in developing their research while taking on new teaching and administrative burdens. Furthermore, all staff receive financial support – usually through their Staff Development Account – for conferences and research-related travel, but greater assistance is targeted at early career researchers. Departmental support for early career researchers is also enhanced by University-wide provision (e.g. via the Centre for Quality Support and Development) which aims to help individuals maximise their potential in all aspects of academic life.

Reflection on career development is embedded within Departmental practice, primarily via biennial Staff Development Reviews with the Head of Department where research activity and plans are discussed, but also through informal networks of support and discussion.

ii. Research students

A flourishing graduate research culture is an integral part of the research environment at Reading, and this sector has scored impressive successes during the assessment period:

- We currently have 7 MA students and 21 PhD students in the Department, a clear measure of the high reputation our graduate programme enjoys.
- In the last AHRC block grant competition for postgraduate funding, Philosophy won 21 studentships over five years (including 12 doctoral studentships from 2009-2012). This represented nearly a third of all the AHRC studentships the entire University received in the block grant, and about the same as won by the Philosophy Departments at Cambridge (19), UCL (16.3), and Sheffield (19).
- We had 23 PhDs conferred during the current REF period, together with 43 MA awards. We have seen doctoral students go on to exceptional success on the academic job market. Ex-Reading PhDs occupy permanent posts at York, Southampton (**x 3**), Kent, Liverpool, Leeds, Birmingham, Manchester, Heythrop, and Oxford Brookes, and temporary posts at Edinburgh and Warwick. We also have ex-students in permanent and temporary positions around the world, including two in South Africa, and permanent lecturers in Switzerland, Turkey, Estonia, Iceland and China. Between 2007 and 2011, of the 24 students to obtain PhDs, 11 obtained full-time academic jobs.

Continuing recruitment and scholarship successes (including continuing success in the annual open competitive awards funded by the University's Research Endowment Trust Fund) reflect the

strong research reputation of the Department and the supportive structure of its graduate research programme. The key event is the weekly PhD Research Seminar, chaired by a senior member of staff and attended by colleagues according to topic and supervisor. We attach great importance to these graduate seminars, which provide a vital supplement to individual supervisions by enabling students to present their ideas in a wider forum and learn the skills of critical philosophical debate. Our students also benefit from the University's dedicated new Graduate School, which offers state-of-the-art-facilities and generic research training courses, including the highly popular annual class, 'How to Write a PhD Thesis' (Oderberg), which our new PhD students attend. Discipline-specific training within the Department includes lectures on publishing and how to prepare for the academic job market (Hooker), which all new doctoral students attend, on top of the specific advice dispensed at regular supervisions.[Concerning the other regular events that graduate students are expected to attend as part of their training, see item (d) below.]

We also encourage our graduate students to visit other institutions as part of their study if we think it will benefit their research and broaden their professional horizons. The most notable arrangement we have is with the University of North Carolina at Chapel Hill, where several of our students have spent a semester or more working with appropriate academics and as teaching assistants. We have also hosted a number of UNC students at Reading for the same purpose. Two of our top graduate students recently spent a year in the USA, one at Columbia and one at Harvard, while a third spent two semesters at the University of Texas, Austin.

The Department takes seriously the need to turn out philosophers capable of taking their place in the profession upon completion of their doctoral theses, and to this end we have a policy of giving our doctoral students a good range of undergraduate teaching experience (seminars, coursework assessment, and guest lectures). All graduate students employed to teach for us receive induction (both at University and Department level) as well as close monitoring and review of their teaching by members of staff, with detailed feedback. We also prepare them for the market in more immediate ways (such as mock interviews for every student who begins looking for an academic post, reviewing job applications, and the like).

Publishing and conference activity at an early stage are strongly encouraged. In 2011 our students organized with great success the British Postgraduate Philosophy Association annual conference. The Department subsidises attendance at conferences in the UK, especially when the student is presenting, and many of our students avail themselves of this opportunity. In 2011-12, for instance, the Department paid between £250 and £350 to eight different students in order to help defray conference expenses. This is in addition to University Studentships to fund our best PhD students (two in the relevant period) and University Travel Awards granted on a competitive basis. We always circulate information about upcoming graduate conferences and exploit useful opportunities for our students.

In the course of the assessment period our graduate students have, while studying at Reading, published or had articles accepted in various publications including *The Philosophical Quarterly*, *Ethics* (papers by **two** graduate students), *Utilitas*, *Social Theory and Practice*, *Philosophia*, *The Journal of Value Inquiry*, *The Monist*, *Pacific Philosophical Quarterly*, *Ethical Theory and Moral Practice*, *Philosophical Papers*, *Philosophical Writings*, *Ratio* (double-blind refereed according to the normal process), and the proceedings of the annual International Wittgenstein symposium. Some have also engaged in peer reviewing for journals (*Social Theory and Practice*, *Utilitas*).

d. Income, infrastructure and facilities

The Department's priority, outside excellence in teaching, is the conduct and dissemination of first-rate research across a broad range of areas. We have put in place and will maintain the income, infrastructure and facilities necessary to support the research objectives given above. These dovetail with those of the School, Faculty, and University, so as to ensure a consistent approach to research in its more practical aspects (such as grant applications), for mentoring junior researchers, and for general oversight of the research activity within the Department.

Research planning infrastructure:

- **Department Meeting:** conducted termly, has research as a standing item. The Department Director of Research (Oderberg) speaks to the item, typically covering matters such as research grant opportunities, the status of pending applications, opportunities for interdisciplinary collaboration, and the rota for research leave – the latter being one of the central ways in which research is fostered in the Department.

- **School Research Committee Meeting:** meets termly, chaired by the School Director of Research and attended by Department Directors of Research. We have found this to be an immensely useful forum for the sharing of best practice and the pooling of information that benefits us all. We discuss funding opportunities in a timely manner, review applications, the mentoring of junior staff, and other matters of direct use to the Department. Regular monitoring of research at both Department and School level provides key information on outputs and work in progress, and the submission to the University of a five-year research plan (updated and discussed annually with Senior Management at the Research Planning Meeting), coupled with preparation for the REF cycle, facilitates a regular flow of information about published output, work in progress, and future projects.
- **Research and Enterprise Development Team:** a University-wide team with dedicated subject officers help to disseminate research-relevant information and provide extremely useful support for grant applications and management.
- The University has many other facilities and structures in place to support research, such as a well-equipped Graduate School to support all of our doctoral students and the CentAUR repository to facilitate the dissemination of our research.

These structures also benefit from the extremely supportive atmosphere for research in a research-intensive institution such as ours, capped by invaluable strategic support from the Pro-Vice Chancellor for Research and Innovation.

Research Infrastructure:

The research infrastructure includes a weekly Speakers' Programme at which either invited speakers present papers to the Research Seminar or undergraduate Philosophy Society, or members of the Department present their current ideas to staff and graduate students at Work in Progress sessions (an important forum where staff can obtain close critical feedback on their developing research). Every term there is a Staff-Student Reading Group, at which an influential recent text is discussed in detail (with a different presenter each week drawn from staff and graduate students). The terms alternate between theoretical and practical philosophy. Where possible, we have invited the author to discuss their book at the final session, which is always popular with the students. The reading group has been a catalyst for informal research clusters, inspiring spin-off reading groups and classes, often run by graduate students, at which they and staff meet to discuss common research interests.

Further, there is a weekly Graduate Class every term, at which one or more members of staff present and discuss either their own current research or classic texts/articles relating to a given research theme, together with the weekly Graduate Research Seminar where PhD students present their own research for critical discussion amongst other graduate students and staff. Finally, in most terms, the graduate students themselves organize a supplementary reading group based on a text most of them want to study; one or more staff regularly attend this. In 2012-13, students also organised a further cross-level reading group involving undergraduates, graduates and staff, indicating again the communal nature of research in the Department. Apart from supplementary reading groups, graduate students are expected to attend all of the other events listed above unless they are in the latter stages of writing up.

Sources of research income in the REF period include:

- **Leverhulme Trust:** Strawson held a Senior Research Fellowship (c.£35,000)
- **AHRC:** Streumer held an Early Career Fellowship (c.£62,000)
- **British Academy:** Owens held a grant on 'Telling and Trusting' (c.£30,000) and Hansen will take up a Quantitative Skills Acquisition Award (just under £10,000). This latter application was fully supported by the Department as part of our commitment to Hansen's career development, although it will require the Department to cover a significant portion of his teaching in only his second year with us.
- **University's Research Endowment Trust Fund (RETF):** provides important additional resources for research leave, usually consisting of a 'light term' to enable the bringing of extant projects to completion or to kick-start projects that have been delayed by a colleague's teaching and administrative load (awarded to both Schroeder and Hooker in the relevant period). In addition, there is an RETF Best Output Prize every year, determined by a faculty-level competition, to reward outstanding research outputs, especially by early career researchers. (In 2008, the award went to Schroeder.)
- The Department also receives valuable financial support from other institutions, which allows

Environment template (REF5)

Reading staff to take up visiting positions elsewhere, exposing them to other research environments and allowing them to complete research work freed from their usual responsibilities. Finally, a core part of our strategy for 2014-19 is major grant applications utilizing the infrastructure and collaborative resources of the new research centres.

e. Collaboration or contribution to the discipline or research base

Every member of the Department recognizes the importance not only of their own and each other's research, but of contributing to the life of the profession as a whole.

(i) Presentations of research: All staff maintain an active and productive programme of talks and presentations in the UK and overseas. For the current REF period, we have in total delivered 327 invited academic presentations across the world, of which 108 were keynote/plenary presentations.

(ii) Conference Organization: The primary mechanism for conference organization in the Department is the programme of annual conferences under the auspices of *Ratio*, which brings leading scholars from around the world to Reading. The programme provides colleagues with the opportunity to organize high-profile philosophical events related to their particular research interests, with associated editorship of the relevant special issue of the journal as well as the self-standing book published by Wiley. During the assessment period, these conferences and volumes have included: Philosophy of Literature (Schroeder); Agents and their Actions (de Gaynesford); Developing Deontology (Hooker); Classifying Reality (Oderberg), Perception (Stazicker).

Ad hoc conferences are also regularly organised by members of the Department, including in the REF period: an MA/PhD conference (2013); the hosting of the British Philosophy Postgraduate Association annual conference (2011); the inaugural conference for the Centre for Ethics and Political Philosophy (2013). Future plans include the inaugural conference of the Centre for Cognition Research (2014). The Department also intends to put itself forward to host a major conference such the Joint Session or a Royal Institute conference in the next assessment period.

(iii) Doctoral examining: Since 2008, members of the Department have externally examined 17 doctoral theses (both in the UK and abroad) as well as acting as external examiners for MA programmes around the country.

(iv) Research Centres: see p.2 above under Research Strategy.

(v) AHRC Block Grant: Hooker led the University's AHRC "Block Grant Partnership 2" negotiations with Bristol, Cardiff, Exeter, Southampton, Bath, Bath Spa, and Aberystwyth to form the South, West and Wales Consortium. The Consortium was successful in winning an AHRC award of £14.2m for 40 new studentships per year for the next five years. Hooker was chosen to lead the University of Reading's BGP2 campaign because Reading's Philosophy Department has had a spectacular track record in attracting and training doctoral students. This record of success was the primary reason that the other universities wanted Reading in the Consortium.

(vi) Editorships: The Department houses *Ratio*, the international journal of analytic philosophy, whose editorship has been assumed by Oderberg following the retirement of Cottingham. This journal sponsors the annual *Ratio* one-day conference at the University (see e.ii). Hooker is Editor of the leading ethics journal *Utilitas*. Overall, members of the Department serve on the editorial boards or management panels of 15 international philosophy journals. Borg also serves on the editorial board for the Philosophy sections of *Oxford Handbooks Online* – a new flagship OUP enterprise.

(vii) Professional service: All members of the Department provide regular support to the profession (e.g. reviewing research for multiple journals and presses). Many, however, provide extensive support beyond this. Hooker is on the AHRC's Strategic Review Group; Owens is serving on the REF 2014 panel and Borg, de Gaynesford, Hooker, Owens and Oderberg have all served on the AHRC Peer Review College. Borg also serves on the Mind Association Executive Committee. Hooker is an assessor for the Newton International Fellowship scheme. Schroeder served in 2013 on the Philosophy Review Panel of the Academy of Finland. Stratton-Lake and Preston are active members of the Council of the Royal Institute of Philosophy. Members of the Department regularly serve as external members of or advisors to philosophy appointments panels and tenure committees in other institutions both nationally and internationally. They also provide *ad hoc* expert advice on grant applications for funding bodies including those in the UK, Canada, Ireland and Italy.