

<p>Institution: University of Nottingham</p> <hr/> <p>Unit of Assessment: Economics and Econometrics (18)</p> <hr/> <p>a. Overview</p> <p>The RAE2008 adjudged Nottingham School of Economics to be one of the leading Economics departments in the United Kingdom (achieving a GPA of 3.15 and ranked 3rd in the UoA in terms of research power).</p> <p>Since RAE2008 the School has achieved new landmark research successes, including:</p> <ul style="list-style-type: none"> • High-level research capacity investments including an ESRC (£3.4m) Network Grant and a £1.5million ERC award. • Over 400 publications in academic journals with in excess of 2,600 ISI citations. • Appointment of 6 new professors to the School which now has a majority of professorial staff aged under 50 across all major research fields; • Editorial service to 30 journals in economics and finance plus extensive service on scientific committees, to public bodies and on external PhD programmes; • Over 20 research fellowships at institutions in North America and 16 successful bids for post-doctoral fellowship funding. • Introduction of two new seminar series in financial economics and time series econometrics among a portfolio of 7 regular seminar series. <p>The majority of the School's research is organised in five centres:</p> <p><i>Centre for Globalisation and Economic Policy (GEP);</i> <i>Centre for Decision Research and Experimental Economics (CeDEx);</i> <i>Granger Centre for Time Series Econometrics (Granger Centre);</i> <i>Centre for Finance, Credit and Macroeconomics (CFCM) ; and</i> <i>Centre for Research in Economic Development and International Trade (CREDIT).</i></p> <p>Research centres constitute core groups of internal and external fellows working in focused areas representing the School's research strengths. They convene research projects, conferences and seminar programmes, together with building technical and intellectual capacity to showcase and disseminate impact-oriented research success in the School.</p> <hr/> <p>b. Research strategy</p> <p><i>Research Strategy post-RAE 2008</i></p> <p>During this REF period the School has further strengthened its research capacity and developed critical mass in emerging research groups. The School is well funded by core teaching related income and research grant awards, allowing investment in new tenured staff, a healthy community of postdoctoral researchers and technical capacity including the School's experimental economics laboratory.</p> <p>The financial position of the School is healthy and sustainable, conducive of an inclusive research environment in which all staff are research active. This environment is enhanced by modest and equal teaching and administrative loads and a medium-term planning horizon over which critical mass of research capacity can be developed and sustained and by vigorous activity within the School.</p> <p>The School's RAE2008 RA5a submission stated that 'the overriding objective of our research strategy is to continue to expand and broaden our research capacity and to enhance our reputation for research of genuine international excellence' with five areas specified for particular focus. The School has achieved significant success in each of these areas (for achievements in two areas,</p>
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outreach and in user engagement, see the Impact Statement):

- Developing the scale and support for Early Career Researchers (ECRs)

The School has expanded support to early career researchers through strengthening mentoring relationships for ECRs seeking external research funding and through increased application support from the University-funded **Centre for Advanced Studies**. The School has achieved particular success in attracting external research funding for 17 ECR researchers, increasing their protected research time and that of their mentors plus funding research development, research expenses, visits, conference participation and mentoring.

Funded postdoctoral fellowships were awarded following open competition by the ESRC to **Gathergood** (2008-2010), **Tsoukas** (2008-2010), by Leverhulme to **Nosenzo** (2010-2012), by Marie Curie to **Isoppi** (2009-2011) and **Grotkovska** (2009-2011), and by RCUK to **Yu** (2008-2011). ESRC First Grants (or Future Leaders Grants) were awarded to **Magdalinos** (2010-2012), **Gathergood** (2010-2013), **Abeler** (2011-2014), **Ganguli** (2012-2015) and **Eberhardt** (2013-2016). Leverhulme funding for postdoctoral research fellowships was provided through **GEP** for **Atsumi** (2008-2010), **Zhang** (2008-2009), **Ivlevs** (2008-2010), **Jabbour** (2008-2010), **Delis** (2008-2010), **Hoefele** (2009-2011) and **Riano** (2009-2011).

After successfully completing post-doctoral fellowships **Gathergood**, **Nosenzo**, **Riano** and **Yu** were subsequently appointed to Lecturer positions within the School. The School has also appointed **Herrmann** (post-doctoral research fellow with **CeDEx** 2005-2008) to a part-time Associate Professorship.

The School also has a strong track-record of investing in early career researchers over the medium-term and during the period **Girma**, **Harvey** and **Kneller**, all of whom joined the School at Lecturer / Post-Doctoral Researcher level, were awarded Personal Chairs. Other early career researchers who subsequently left the School to promotion to Professorial appointments elsewhere are Holger Gorg (Christian-Albrechts-University of Kiel), Udo Kreickemeier (Tubingen), Henrik Orzen (Mannheim), Klaus Abbink (Monash), Steve Humphrey (Osnabruck) and Peter Wright (Sheffield). The School's support for ECRs is matched by developments in research student training described below.

- Internationalise research activities through building research networks

The School has internationalised its leading research centres to develop research networks across Europe and Asia. **GEP** established research hubs in Malaysia (January 2008) and China (November 2008), which have grown to incorporate 20 Internal Research Fellows in Malaysia and 14 Internal Research Fellows in the China. GEP conferences and events, including international conferences, summer schools and annual lectures, are now regularly held in China and Malaysia as well as Nottingham, and there is frequent movement of internal fellows between international hubs.

With the creation of the ESRC-funded **Network for Integrated Behavioural Science (NIBS)** in December 2012, **CeDEx** is leading a core funded international research network in Behavioural Science which has established linkages between institutions throughout North America and Europe. **CREDIT** is now part of the Research in African Labour Markets (REALM) network hosted at the University of Witwatersrand, which currently includes eight African countries and has participated in four international REALM conferences since 2011.

- Build interdisciplinary research engagement and capacity

Research undertaken by internal fellows of **CeDEx** has developed to become more interdisciplinary in scope, reach and significance. The **NIBS** research network grant includes co-investigators from Psychology, Behavioural Science and Decision Science at Nottingham and UK partner institutions (Warwick and East Anglia), and is driving direct collaboration between

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academics from different disciplines resulting in co-authored cross-disciplinary research outputs. NIBS are also developing new research collaborations with political scientists and anthropologists. The recruitment of **Barr** also strengthens **CeDEX's** interdisciplinary research capacity. In particular, **CeDEX's** research in the area of social psychology has resulted in publications in high-quality, cross- and other- disciplinary outlets, including *Nature* (**Gaechter**), *Science* (**Barr, Gaechter, Sefton, Renner**), *Proceedings of the National Academy of Sciences* (**Barr**), *Behavioural and Brain Sciences* (**Barr, Gaechter**), *Personality and Individual Difference* (**Barr**) and *Health Psychology* (**Starmer**).

Objectives for Next Five Years and Priority Developmental Areas

The School's main research objective for the next five years is to continue to invest in research capacity in areas of identified emerging strength. Early career support and the recruitment of new talent is a continued area of focus for the School. The sustainable financial position of the School allows continuity in research strategy and investment. The School's research strategy is incorporated into the School's broader Academic Strategy document approved by the University in 2012. Highlights within this Strategy include:

- **Extension of the CeDEX laboratory** to increase capacity (approximately doubling the lab size) and invest in newer technologies to facilitate further inter-disciplinary experimental approaches (including medical monitoring technologies).
- **Increasing the number of School-funded postdoctoral research fellowships** alongside fellowship positions funded by external agencies. This will allow the School to invest in young talent in a broad range of areas as a complement to funded schemes and initiatives.
- **Upgrading the School's job-market preparation** for post-doctoral and early career researchers, including complementary preparation tracks for PhD candidates seeking academic and non-academic employment, plus increased support for PhD award holders on the European and North American academic job markets.
- **Increasing the number of School-funded PhD studentships** to provide full-scholarship support to excellent students and increase PhD recruitment in an environment of increased competition for externally funded studentships. The School sees full-scholarship financial support as increasingly necessary to attract the best students to PhD study.
- **Diversification of existing research strengths** into new related areas of research and research dissemination including new projects on migration and mobility within GEP, behavioural developmental economics, combining strengths in CeDEX and CREDIT; labour economics and financial econometrics.

c. People, including:

i. Staffing strategy and staff development

Staffing Policy and Effectiveness

The School adopts an active staff development, promotion and recruitment strategy. A key feature of the School's appointment strategy since the last RAE has been to add depth across a range of disciplines, to reap dividends (in terms of PhD enrolment, international research networking, and research income generation) from improved international visibility. Promotions to Personal Chair have been awarded to **Harvey** (econometrics) and **Kneller** (international trade) plus new Professorial appointments to the School have been made in **De Fraja** (microeconomics), **Facchini** (international trade), **Girma** (applied microeconometrics) and **Lee** (macroeconometrics). These have in part maintained capacity by replacing retiring staff members and generated new strengths and sustainable capacity. This is evidenced in the demographic profile of senior staff.

As a result of recent appointments, Nottingham now has a relatively young group of senior staff. 9 of the 18 Professors are aged 50 or under, including senior staff in the School's principal research centres: **Gaechter** and **Sefton** in **CeDEx**, **Harvey** in the Granger Centre, **Kneller** and **Facchini** in GEP, **Mizen** in CFCM. This demographic profile among the School's research leaders indicates sustainability in core research strengths. **Lee**, appointed to Head of School in 2012 aged 53 has prior experience at Head of School, Dean and Pro-Vice Chancellor level.

Associate Professor and Reader level promotions have been awarded to **Bougheas** (financial economics), **Montero** (game theory and political economy) and **Upward** (labour economics). At Associate Professor level promotions have been awarded to **Aloi** (macroeconomic theory), **Anesi** (political economy), **Possajennikov** (game theory) and **Renner** (behavioural economics), plus new AP appointments have been made of **Barr** (behavioural and development economics), **Dahm** (microeconomics), **Herrmann** (behavioural economics), **Impullitti** (trade), **Marsh** (econometrics), **Sonderegger** (public economic theory) and **Tatsiramos** (labour). At Lecturer level new appointments are **Bonfatti** (development and trade economics), **Eberhardt** (econometrics), **Gathergood** (household finance), **Nosenzo** (behavioural economics) **Rubio** (monetary economics), **Tufano** (experimental) and **Yu** (international trade). All Lectureship appointments are to permanent contracts, ensuring stability and sustainable career development among junior staff.

All members of staff are encouraged to participate in the School's sabbatical scheme and nearly all staff have undertaken at least one semester of research sabbatical during the REF period. In addition to these, personal research awards held by tenured staff during the REF period at the senior level include **Gaechter** (ERC Advanced Investigator Grant) and at the junior level by **Eberhardt** and **Gathergood** (ESRC) and **Nosenzo** (Leverhulme). The NIBS grant now buys out research time for six co-investigators within the School.

The School has also achieved considerable success in attracting external funding for post-doctoral fellowships (see Section b). These extended periods of release from, or reduction in teaching, administrative and managerial responsibilities have contributed to high quality research outputs and medium-term investment in new research projects.

Staff Development and Equal Opportunity

The School supports staff development and promotes equality of opportunity among staff. The School operates a workload model which aims to equalise teaching, administrative and managerial duties fairly among staff and which creates equal opportunity for development of research projects and professional development.

New appointees are given reduced teaching loads (50% for year 1, 75% for year 2) and teaching loads are typically low with, on average, staff teaching 110 hours per year inclusive of all activities including lecturing, seminars, dissertation supervision and supervision of research students. Teaching loads allow staff to teach in areas of expertise, especially at advanced undergraduate and postgraduate levels. Staff taking leave due to, for example, maternity or illness continue to accrue sabbatical entitlement and workload credits during the leave.

The research activity of each member of staff within the School is reviewed on an annual basis through a process of Personal Development and Performance Review. In each case, an individual's Activity Reviewer is a more senior staff member (for Lecturers and Associate Professors a Professor, for Professors the Head of School or Deputy Heads of School and for the Head of School the Faculty Dean). Activity reviewers appraise the research output, research activity and research development of reviewed staff and provide encouragement and suggestion as to how research and research activity can be enhanced.

The School further supports staff development through a variety of research support initiatives to which all staff have equal entitlement. These are managed by the School's Research Committee and Director of Research (**Gaechter**) reporting to the Head of School and Staff Meetings, and include:

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Research Sabbaticals: The School has a one Semester in seven entitlement, with the option to augment this with additional externally funded leave, and/or through the support of one of the Research Centres. Those granted sabbaticals may bid for financial support to assist with planned activities during their leave. The School encourages those on leave, and younger staff in particular, to visit other institutions (especially those with established reputations in the relevant research field).

Funding for Conference Participation: Bids for conference funding are funded with preference given to those presenting at higher calibre international conferences, and to younger members of staff seeking to gain experience and develop their networks of research interactions.

Senior Academic Visitors Programme: The visitor will normally deliver a seminar, or participate in a workshop organised to coincide with the visit, but the key rationale for the programme is to provide an opportunity for informal networking between School researchers and visitors. During the REF period the School has hosted 34 senior academics, including multiple visitors from North American institutions including Harvard, MIT, Yale, Princeton, Chicago and Northwestern with, for example, current or former editors of *American Economic Review* and *Econometrica* among their number.

Personal Research Accounts: Each member of staff is entitled to a Personal Research Account (PRA) to fund research-related activities other than those financed by the School's Research budget. In addition to periodic contributions from the School, a proportion of the overheads from research grants won by staff are paid into PRAs to provide incentives for research income generation and fund further research-related activity.

All School research and research activity must comply with the University's Code of Research Conduct and Research Ethics, which is based on and adheres to ESRC guidelines. Any research involving human subjects and/or their data must be approved by the School's Research Ethics Committee (chaired by **Sefton**) before work can begin, via the submission of documentation for scrutiny by the committee. Ethics approval is required for all forms of supervised research, including that undertaken by postgraduate research students, masters students and undergraduate students.

ii. Research students

Nottingham recognises the value of a strong, diverse and vibrant postgraduate research community, both to provide a stimulating research environment and to develop the future generation of economists in the UK and abroad. For that reason, the School (with University support) has invested heavily in postgraduate research. Postgraduate research supervision is distributed widely among members of academic staff. The School offers full teaching credit for PhD supervision. Research students are supervised by two members of academic staff. Wherever possible, junior staff are teamed with senior colleagues experienced in supervising research. This serves both to broaden the range of supervision expertise on offer to each PhD student, and to transfer supervision skills across different cohorts of academic staff. Many PhD students are directly involved in the programmes of the Research Centres, and benefit substantially from working with experienced researchers in their chosen field of specialisation.

Prestigious Studentships

The School of Economics has seen **92 PhD students** successfully complete during the REF period. The School performs strongly in attracting funding for incoming PhD students in open competitions, programme grants and since the inception of the ESRC Doctoral Training Centre at Nottingham. During the REF period the School has successfully attracted **26 ESRC-funded PhD studentships** and **8 PhD studentships funded by Leverhulme through GEP**. The School has ensured continuity of funding for PhD study with additional studentships coming online via the **CeDEx NIBS** grant and **Gachter's ERC** funded grant.

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PGR Program and Culture

The School has invested heavily in PhD training to expand the taught component and broaden the scope of research training received by PhD students. From 2010, the taught component of the program has been expanded to include compulsory, examined first semester modules in Microeconomics and Macroeconomics (20 hours each). A range of optional second semester PhD-level modules has been developed, including options in Econometrics, Behavioural Economics and International Trade, with students expected to attend at least one of these. In addition, each year the School hosts the *Nottingham Lectures in International Economics*, a 3-day lecture series by a leading international scholar which attracts many students studying for PhDs at other UK institutions and regularly hosts master classes by international researchers as part of the PhD training programme. Training in presentation skills is also provided by the Graduate School as an integral component of first year training and this is supplemented by School-specific sessions on presentation skills, publishing in Economics and preparation for the job market.

The School encourages PhD students to present their work internally and externally. The School Postgraduate Research Committee chaired by the Direct of Postgraduate Research (**De Fraja**) offers funding for conference / seminar presentations to postgraduate students. PhD students are encouraged to see publications in international journals. During the REF period School PhD students have co-authored or authored publications in journals including the *Journal of the European Economic Association*, *Economic Journal*, *European Economic Review* and *Journal of Public Economics*, and **Tufano** (now staff) has a paper based on a chapter of his PhD forthcoming in *American Economic Review*.

To assist students in acquiring essential skills in presenting their own work, and provide feedback on research in progress, the School has established an annual **PGR Presentations Event** each Easter at which all PhD students from each year of study present their work to staff and colleagues within the School. **GEP** hosts an annual PhD conference at which internal and external PhD candidates present and receive feedback on their work in progress. **CeDEx**, together with UEA and the University of Amsterdam, hosts an annual PhD workshop.

Students are required to attend the School's seminar programmes (each student attends three seminars each week), and to engage with the wider research community through attendance and presentation of their work at international conferences and workshops. Conference attendance is facilitated through a dedicated PhD conference budget administered by the Director of Postgraduate Research, with additional financial support from the University Graduate School. Students regularly present at general economics conferences, including the Royal Economic Society Annual Conference and European Economic Association Annual Conference plus specialised conferences and workshops.

The School has also retained its long-established status a provider of ESRC Accredited Training through the establishment of the University of Nottingham ESRC Doctoral Training Centre (the School currently has nine funded DTC PhD researchers for 2013/14). The School provides six training pathways, for the DTC each of which can be followed in either 1+3 or +3 form. All Economics PhD students are offered individual desk space with IT equipment located in the Sir Clive Granger Building in close proximity to School staff.

d. Income, infrastructure and facilities*Research Funding*

Since RAE2008 the School has received major research investments from the ESRC, EU and Leverhulme Trust. **CeDEx**, together with research groups at the Universities of Warwick and East Anglia, was awarded **£3.4 million** in 2012 by the **ESRC** to establish the '**Network for Integrated Behavioural Science**' (**NIBS**). **Simon Gaechter** was awarded **£1.5 million** in 2012 in the form of an ERC Advanced Investigator Grant from the **European Union**. Activity in **GEP** has continued to be supported by Leverhulme funding totalling **£1m** over the REF period. In addition to these, the School has attracted research funding investments across a range of ESRC, Leverhulme and

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British Academy funding schemes on a diverse range of topics. In total **36** members of staff have received research funding from external sources over the REF period.

Funded research projects have directly resulted in research outputs subsequently published in high quality research outlets including, among others, the *Journal of the European Economic Association* (**Gathergood**, ESRC Postdoc; **Nosenzo**, Leverhulme Early Career Fellowship), *Economic Journal* (**Greenaway**, **Kneller**, Leverhulme Centre Grant), *European Economic Review* (**Kneller**, **Milner**, Leverhulme Centre Grant), *Journal of Econometrics and Econometric Theory* (**Harvey**, **Leybourne**, Granger Centre ESRC Grant, rated 'outstanding').

Strategies for Generating Grant Income

Within a context of increased competition for research grant income the School has become more strategic and focused in its grant raising initiatives. The School receives grant income from an increasingly diverse range of funders, including long standing funders such as the ESRC, Leverhulme Trust and British Academy but also new investors in this REF period including, the European Union, Department for Business Innovation and Skills and United Kingdom Trade and Investment.

Beginning in 2012 the School implemented a new programme of research grant application support, including mentoring of research grant applications by senior colleagues, a multi-stage process of internal peer-review, faculty level and University level peer-review plus the use of external advisory services and consultants. The School has implemented a Demand Management Strategy for all RCUK and British Academy grant applications which seeks to maximise success rates by screening potential bids and promoting only very high quality submissions.

The University continues to invest heavily in the School's research priorities and infrastructure. Three of the University's ten **Priority Research Areas** identify research activity in the School of Economics, and staff in the School have received research funding for work on the priority topics 'Integrating Global Society', 'Science, Technology and Society' and 'Global Food Security'.

In addition, in 2010 the University invested £7 million in the new **Centre for Advanced Studies**, a flagship hub for interdisciplinary research leadership in the Social Sciences. The Centre, housed in new purpose-built facilities in a central campus location, acts as a catalyst for interdisciplinary creativity, a research resource and seed-corn funder for emerging School-based initiatives and a source of specialised grant scoping and preparation advice.

Infrastructure and Facilities

Major research infrastructure investments have been undertaken at both School and University level. At School level, in 2010 the **CeDEx** laboratory (located within the School of Economics) underwent complete refurbishment, including upgrades to installed computer technology and the introduction of a new server technology which runs the centres key software used in decision tasks. The laboratory is located within the Sir Clive Granger building to maximise utilisation and convenience for staff. Staff members in the School are equipped with the latest computer technology, including 8-core and 16-core processors for staff requiring additional computing power, and priority access to the University's High Performance Computing system for additional computing capacity plus the Datastream and Bloomberg information services.

e. Collaboration or contribution to the discipline or research base

The School's contribution to economics as a discipline takes a variety of forms beyond the authorship of original research published internationally renowned journals in economics, finance and behavioural science. The School contributes to research development in the discipline more generally through staff delivering lectures and seminars externally and participating in conferences and workshops, plus by the School hosting regular seminars, workshops and conferences, by its staff undertaking editorial and advisory service at academic journals, on scientific committees and

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on steering groups. Staff regularly undertake research visits at other institutions, plus actively contribute to external PhD programs by providing short-courses or through master classes and examining.

Seminar Series

The School maintains a vibrant portfolio of term-time seminar series including, but not limited to, series associated with each of the School's research centres. Regular and diverse seminar series are central to the School's research environment as they provide an environment in which original research is disseminated, discussed, challenged and developed. The School's research centres see regular seminars as especial foci for research development. The seminar format allows research to be presented in depth and discussed in detail. Seminars also provide excellent opportunities for staff to share ideas among attendees and provide a learning environment for PhD students and junior staff.

The **Senior Academic Seminar** (bi-weekly) features high-profile world renowned speakers from the highest quality institutions including, throughout the REF period, speakers from Harvard, Princeton, MIT, Yale, Stanford and Chicago. The seminar is scheduled Wednesday afternoons and attracts very strong attendance from staff, PhD and Masters students. The **GEP Seminar** (weekly), **CeDEx Seminar** (weekly), **Granger Centre Seminar** (monthly), **CFCM Seminar** (bi-weekly) and **CREDIT seminar** (weekly) feature leading academics in their respective fields, plus the **Nottingham School of Economics Seminar** (bi-weekly) features early and mid-career researchers from across the full-range of fields and provides opportunity for internal staff members to present work before colleagues and receive comments and feedback on research in progress.

Conference Organisation

The School's research centres each host extensive programs of academic conferences and workshops which benefit the wider academic community through research and knowledge transfer, spillovers and collaboration. **GEP** has hosted 23 academic conferences or workshops during the REF period and co-hosted a further 10 academic events with partner institutions and research centres, including the Annual World Economy Lecture and Nottingham Globalisation Lecture Series with special issues of Economic Theory and The World Economy featuring papers delivered at GEP conferences.

In addition, **CeDEx**, **CFCM** and **Granger Centre** host annual conferences and attract leading internationally renowned speakers and participants. In 2010 the **Granger Centre** hosted the Sir Clive Granger Memorial Conference joint with UCSD. The **Network for Behavioural Science (NIBS)** hosted by **CeDEx** has to date convened two 'start-up' events, with a workshop scheduled for Easter 2014 ahead of the first annual, 3-day general interest conference on Behavioural Science to take place in the 2014/15 academic session. Members of the School have undertaken conference programme committee service at FUR (**Starmer**), EEA (**Gaechter**), ESA (**Gaechter**), EALE (**Gaechter**), ESEM (**Gaechter**), German Economic Association (**Gaechter**), RES (**Gaechter**, **Girma**), Spring Meeting of Young Economists (**Nosenzo**), MMF (**Marsh**, **Mizen**)

Scientific Advisory

Members of the School have undertaken scientific advisory work for funding bodies, professional societies, research institutions (as members of scientific advisory panels or through participation in with institutional reviews) and by serving on professorial appointment committees.

Funding Bodies

ESRC Training and Skills Committee (**Lee**), ESRC Peer Review College (**Morrissey**), ESRC PhD Partnering scheme (**Morrissey**), ESRC Future Leaders Scheme Commissioning Panel (**Mizen**), ESRC-HMT Postdoctoral Research Fellowships Commissioning Panel (**Mizen**), ESRC Macroeconomics Capacity Building Group (**Mizen**), ESRC Board of Examiners (**Upward**),

Environment template (REF5)*Professional Societies*

Treasurer of European Economic Association (**Gaechter**), Executive Committee of the UK Council for Graduate Education (**Lee**), Agricultural Economics Society Executive Committee (**Lloyd, Morgan**), Executive Committee of Economic Science Association (**Sefton**), Midwest International Economics Group (**Facchini**), Fonds National de la Recherche Scientifique Belgium (**Facchini**).

Research Institutions and Appointment Committees

Centre for Macroeconomics, University of Melbourne (**Lee**), University of Vienna (**Gaechter**), University of Cologne (**Gaechter**), Bonn Graduate School (**Gaechter**), DIW Berlin (**Gaechter**), Max Planck Jena (**Gaechter**), Warwick (**Cubitt, Starmer**), LSE (**Starmer**), York (**Sefton, Starmer**), Glasgow (**Mizen**), Queensland (**Starmer**), Oregon (**Starmer**), East Anglia (**Cubitt, Sefton**), Kent (**Lee, Mizen**), Melbourne (**Mizen**), Cyprus (**Lee**), Loughborough (**Milner**), Newcastle (**Sefton**).

Journal Editorships*Associate Editors*

European Economic Review (**Seidmann**), Economics Letters (**Harvey**), Journal of the Royal Statistical Society Seria A (**Harvey**), Economics Bulletin (**Harvey**), Journal of Economic Psychology (**Gaechter**), Journal of Economic Behaviour and Organisation (**Gaechter**), Management Science (**Gaechter**), Quantitative and Qualitative Analysis in Social Sciences (**Harvey, Leybourne**), Applied Economics (**Lee**), Economic Modelling (**Lee**), E-economics (**Milner, Morrissey**), Econometric Theory (**Marsh**), BE Journal of Theoretical Economics (**Sefton**), Journal of Time Series Analysis (**Leybourne**).

Editorial Boards

Econoquantum (**Bougheas**), Journal of Economic Methodology (**Cubitt**), Journal of Economic Analysis and Policy (**Starmer**), Experimental Economics (**Gaechter, Sefton, Starmer**), Empirical Economics (**Harvey**), Journal of Agricultural Economics (**Lloyd**), Journal of Development Studies (**Appleton, Milner**), Journal of Korea Trade (**Milner**), Development Policy Review (**Morrissey**), Journal of African Economies (**Morrissey**), Journal of Socio-Economics (**Gaechter**), Applied Economics Quarterly (**Gaechter**). Guest Editorships with Experimental Economics (**Starmer**), World Economy (**Girma**).

Keynote Lectures, Public Lectures and Plenary Addresses*Keynote, Plenary and Public Lectures*

American Association for the Advancement of Science (**Herrmann**) Economic Science Association Annual Conference (**Gaechter, Starmer**), Evolution of Human Behaviour Conference (**Gaechter**), Spanish Applied Economics Annual Meeting (**Milner**), Singapore Economic Review Annual Conference (**Milner**), Berkeley (**Barr**), Tilburg (**Gaechter**), Konstanz (**Gaechter**), ESA Asia-Pacific Meeting (**Gaechter**), Hong Kong University of Science and Technology (**Facchini**), Tokyo (**Gaechter**), Zoological Society of London (**Gaechter**), Sydney Ideas Lecture (**Gaechter**), WTO Chairs' Programme (**Milner, Morrissey**), IMEBE Madrid (**Gaechter**), Luxembourg (**Mizen**), OECD (**Kneller**).

Research and Visiting Fellowships

All members of the School are encouraged to undertake research or visiting fellowships at other institutions. Where funding is required to undertake visits the School's Research Committee provides funding as part of the applicant's sabbatical funding allowance. Where research visits are undertaken outside sabbatical leave the School facilitates research visits by allowing staff to reorganise the timing of teaching delivery (by, for example, moving optional modules on

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undergraduate courses between Autumn and Spring Semesters).

During the REF period staff have held **23** research and/or visiting fellowships including at CES-IFO (**Bougheas, Facchini, Gaechter, Girma**), IZA (**Facchini, Gaechter**), CreAM (**Facchini**), IfW (**Girma**), New Zealand Treasury (**Milner**), University of Canterbury, Christchurch (**Gaechter**), University of Melbourne (**Gaechter**), University of Sydney (**Gaechter**), Hebrew University (**Gaechter**), Keio University Tokyo (**Gaechter**), Free University of Amsterdam (**Gaechter**), IAB Nurnberg (**Upward**), Lund University (**Kneller**).

In addition, staff have undertaken **37** research visits including, among others, at MIT (**Aloi**), Princeton (**Mizen**), Rochester (**Anesi**), the IMF (**Morozumi**), Munich (**Defever**), Bordeaux (**Defever**), Helsinki (**Dijkstra**), Rome (**Dijkstra**), Copenhagen (**Gaechter**), Maastricht (**Gaechter**), Melbourne (**Lee, Morrissey**), CERDI (**Morrissey**), Cape Town (**Morrissey**), Minnesota (**Nosenzo**), Amsterdam (**Nosenzo**), Pittsburgh (**Nosenzo**), Bank for International Settlements (**Mizen**), HKIMR (**Mizen**), US Federal Reserve (**Mizen**), Seoul (**Mizen**), Malaysian Central Bank (**Mizen**), Pittsburgh (**Possajennikov**), Maastricht (**Possajennikov**).

National and International Academic Collaborations

The School's five research centres are highly active in international collaborations with researchers across North America, Europe and Asia. Of the School's research publications during the period 210 outputs included international co-authors. In total, the five centres boast 106 international research fellows and 54 research visits to the School during the REF period.

External PhD Training and Assessment

Staff are active in contributing to taught PhD or PhD-level training programmes, including CES Lectures (**Anesi**), CEMMAP Courses (**Eberhardt**), plus contributions to taught programmes at the Edinburgh (**Eberhardt**), Gothenburg (**Eberhardt**), Strassbourg (**Gaechter**), Koc (**Gaechter**), Sydney (**Gaechter**), Trento (**Gaechter**), National Institute for Public Finance and Policy, India (**Girma**), Addis Ababa (**Girma**), Christian-Albrechts (**Girma**), Monetary Authority of Singapore (**Mizen**), Central Bank of Malaysia (**Mizen**). Staff have served on thesis committees and acted as external examiners for **54** PhDs at institutions in North America, Asia, Australasia and Europe, including at Cambridge, LSE, Manchester, Oxford, UCL, Warwick, Amsterdam, Maastricht, Paris, Tilburg and Stockholm.

Research Collaborations with Users of Research

There are many examples also of research by School staff having a specific and tangible influence on policy. The School's Impact Statement and Case Studies illustrate highlights of staff impact activity, which also includes professional service to:

International

OECD (**Kneller, Upward**), World Bank (**Barr, Eberhardt, Facchini**), UNICEF (**Barr**), UNIDO (**Eberhardt**), UNHCR (**Facchini**), IDRC (**Eberhardt**), European Commission (**Milner, Upward**), IGC (**Morrissey**), Commonwealth Secretariat (**Milner, Morrissey**), BIS (**Mizen**), African Development Bank (**Morrissey**), French Development Agency (**Morrissey**).

National

Her Majesty's Treasury (**Gathergood, Girma**), Department for Business Innovation and Skills (**Gathergood**), UKTI (**Kneller, Upward**), DEFRA (**Morgan, Starmer**), House of Commons Select Committee (**Gathergood**), OFWAT (**Starmer**), Financial Services Research Forum (**Starmer**), Money Advice Trust (**Gathergood**).