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## THE WHITE ROSE UNIVERSITY CONSORTIUM

Since 1997, the Universities of Leeds, Sheffield and York have built on their individual strengths by collaborating through the White Rose University Consortium to add value from partnership activity in research, enterprise, innovation and learning and teaching.

Working with a range of partners from the private and public sector, both in the UK and overseas, projects to the value of over £180 million have been secured into the Universities.

As the Higher Education sector undergoes numerous changes and challenges, our commitment to creating exciting collaborations remains and we continuously seek new partners on a regional, national and international basis.

**This Report was written by**  
Claire Pickerden, Collaboration Development Manager  
White Rose University Consortium
OVERVIEW

We conducted this Collaboration Fund review to find out what types of outcomes have been generated and what benefits have been accrued by the academic community from the scheme.

We collected the information for this report from over a 4 year period from 2012 to 2015 (inclusive). Projects funded after this period (2016 onwards) are still ongoing in many cases with the outputs and outcomes still being created, so they are not included here. In order to collect the information, a survey was sent out to the lead academic on each of the 32^1 projects that were funded in this period. The figures in this report are based on those returned to us from this survey and we have only used this data for the information contained in this report. The respondents provided both quantitative and qualitative information.

The support provided by White Rose includes funding (£8 - £11k), project profiling with content on the White Rose website and the input from a designated Collaboration Development Manager to assist with meeting discussions, dissemination of outputs and any further external bid support.

The outcomes returned to us show a positive picture from securing external investments, producing research publications, attracting PhD studentships, benefiting individual career pathways and a range of other qualitative measures. We have included statistics, case studies and first person quotes from the survey to illustrate the breadth of research projects that have been funded and the range of their outcomes. We acknowledge that our support is just one of the contributions to the outcomes achieved but the evidence does suggest that the scheme has helped build a culture of collaborative working across the three universities which in turn has contributed to a successful research environment. Success includes some large bids won e.g. ESRC, Marie Curie, NIHR etc where many different inputs have contributed beyond that of the Collaboration Fund but are based on academic relationships made, networks created and sharing of research expertise across the three universities.

1 Two projects were unable to complete

"Reflecting back, it is very interesting how our activities have impacted way beyond our initial vision for the collaboration, not just within the Universities and houses, but also intellectually, in getting us thinking in different ways about future collaborative research and economic benefit around Immersive Experiences in the Country House"

Dr Kate Giles, University of York
THE COLLABORATION FUND

The White Rose Collaboration Fund was launched in October 2008 and is designed to support emerging collaborative activities across the three White Rose Universities of Leeds, Sheffield and York. There are two rounds a year, in Spring and Autumn, and up to £11,000 is awarded per project with a total of 8 projects being awarded each year.

The Fund supports projects that have the potential to lead to larger more strategic initiatives and that may develop national and international linkages. Projects that include the active involvement of Early Career Researchers are particularly encouraged and all projects need to demonstrate how working collaboratively across the three Universities will add significant value.

A total of 193 applications were received over the six year period.

2012–2017 Engineering (ENG), Science (SCI), Medicine Dentistry Health (MDH), Arts Humanities (AH), Social Sciences (SS)

Subject allocation is by departmental home of lead academic
EXTERNAL INVESTMENT

All projects receive funding of between £8,000 to £11,000 to support their activities. A key component of their objectives is to identify and apply for sources of external funding in order to sustain their collaboration beyond the 12 months of their funding from the White Rose. Projects are selected for their potential alignment with larger strategic initiatives or else they are in an emerging area of research. Continuation and refinement of academic research questions and development of professional relationships may take place long after the initial funding period. The survey respondents identified all external funds secured which were deemed to have in some way accrued from the original Collaboration Fund project. The White Rose contribution is one of the many factors that helped to successfully secure new external investment.

## TOTAL FUNDS SECURED

= £23,588,525

## COLLABORATION FUND INVESTMENT

= £264,379

Projects from 2012–2015

### External funding secured, 2012–2015

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other</td>
<td>£135k</td>
</tr>
<tr>
<td>Trusts</td>
<td>£3.44m</td>
</tr>
<tr>
<td>Research Councils (RC)</td>
<td>£9.06m</td>
</tr>
<tr>
<td>HEFCE</td>
<td>£8,000,000</td>
</tr>
<tr>
<td>EU</td>
<td>£981k</td>
</tr>
<tr>
<td>NHS</td>
<td>£727k</td>
</tr>
<tr>
<td>EU</td>
<td>£981k</td>
</tr>
<tr>
<td>Total</td>
<td>£22,344,173</td>
</tr>
</tbody>
</table>

### Postgraduate and Postdoctoral investment

- **PhD Studentships**: £804,352
- **Post-doctoral funding**: £440,000
- **Total**: £1,244,352

### Research Councils

- £9,060,343

### Trusts /Foundations

- £3,440,657

### HEFCE

- £8,000,000

### EU

- £981,068

### NHS

- £726,966

### Other

- £135,139

### Sub-Total

- £22,344,173

### Post-doctoral

- £440,000

### PhD

- £804,352

### Sub-Total

- £1,244,352

> There are far too few opportunities to apply for relatively small grants to get the ball rolling on a good idea, or to kick-start collaborations between like minded colleagues from different institutions. The White Rose Collaboration Fund is perfect for these kind of projects and as such provides a really valuable service.”

Dr Andrew Sole, University of Sheffield

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2 Total White Rose investment in projects that returned a survey. Total investment in all projects 2012-2015 is £340,660.
HEADLINE ACHIEVEMENTS

32 Collaboration Projects funded 2012 to 2015

£23.6M secured in external funding post Collaboration Fund (and identified as having originated in some way from these projects)

3 Early Career Researchers went on to get Lecturer posts

Funding for 13 new PhD studentships

First ever Air Pollution Garden

£9M of funding from the Research Councils for new research projects including MRC, NERC, and the ESRC

Early pump-priming of Food Security research through the BURNS project which played a part in the successful N8 bid, securing £8m from HEFCE

New international academic collaborations made eg Nanjing University, University of Western Australia

Wide range of external partners involved in Collaboration Fund projects eg the Environment Agency, Yorkshire Country House Partnership, Sainsbury and ARUP

Event in European Parliament

2 new White Rose Research Networks established: White Rose Glaciology and White Rose Migration

2 new Research Centres: ECR2P based at Leeds; and iHuman at Sheffield

£980K of European funding secured for projects including Marie Skłodowska-Curie Actions and Jean Monnett programmes
CASE STUDY:

Low cost, long-term measurement of motor activity and REM sleep
Professor Alex Wade, Department of Psychology, University of York

Working in collaboration with Dr Anna Weighall, Psychology, University of Leeds and Professor Oliver Bandmann, Neuroscience, University of Sheffield.

This project set out to develop an inexpensive and non-invasive sleep monitoring system to be used for the early detection of neurological disease through associated sleep dysfunction eg increased arm movement during REM sleep can be an early predictor of Parkinson’s disease.

After overcoming the considerable technical hurdle of combining two Bluetooth-enabled sensors linked to a single Android phone, a prototype device was constructed. By the end of the project, the android device itself was used as an accelerometer (using Android Wear enabled watches), making the system much more simple to use. Positive feedback from their industrial partners at Lundbeck indicated that this is an area of interest for them.

Recognition that the device could have important applications for clinicians and academics alike was confirmed by a successful application to the MRC’s Confidence in Concepts programme for £64,140.

A second generation device will incorporate both hardware and software to monitor REM sleep and motion in real-time in a system that aims to improve the quality of sleep with specific emphasis on memory consolidation. The device will be dual-purpose: both logging activity during REM sleep (as in the original vision) but also providing auditory feedback during some stages of REM sleep.

“This has been an absolutely fantastic award which, I believe, is a model of how these things should run. It led a technical framework which will now be extended through a larger MRC translational grant and will, hopefully, lead to a fully-fledged medical device that will have a broad range of applications”

Professor Alex Wade

MRC’s CONFIDENCE IN CONCEPTS
£64,140

INDUSTRY PARTNER
LUNDBECK
POSTGRADUATE INVESTMENT

Value: £804,352

The White Rose University Consortium has a strong track record of investment in postgraduate training. Many of the Collaboration Fund projects identified the benefits of securing further White Rose investment through the Doctoral Training Partnerships.

Studentship Networks in particular, with funding of 3 PhD students and 6 supervisors across the 3 universities, creating a series of mini-clusters have contributed to the creation of two new Research Centres:

- The European Centre on the Responsibility to Protect at Leeds (see Case Study) which successfully bid for one White Rose Studentship Network, one Collaborative Award and one Pathway Award from the ESRC DTP

- The Research Institute for the Study of the Human, iHuman at Sheffield bringing together social sciences & humanities with psychological & biological sciences to understand what it means to be human like never before. Co-director Professor Dan Goodley led the White Rose Studies of Ableism collaboration in 2012, before securing the PhD Network in 2015, Complexity and Disabled Selfhood: An Inter-Disciplinary White Rose Network and then further adding to this with funding from Futures 2022, from the University of Sheffield for a Biohybrid PhD network. See http://ihuman.group.shef.ac.uk/

- Richard Hayton at Leeds was also successful in securing an ESRC DTP Pathway Award 2017 for Party Politics in the North of England.

- And with funding from another Research Council, Andrew Sole and Stephen Livingston (see Case Study) are jointly supervising a NERC ACCE funded PhD student adding to their work on meltwater drainage beneath ice-sheets.

FUNDING

£804,352

TWO NEW RESEARCH CENTRES
CASE STUDY:

The Responsibility to Protect and Humanity: A Study on the Idea of Human Interconnectedness

Associate Professor Adrian Gallagher, Politics and International Studies, University of Leeds

In collaboration with Dr Garrett Brown, Politics, University of Sheffield and Lars Waldorf, Centre for Applied Human Rights, University of York.

Bringing together expertise from the Building Sustainable Societies project at Leeds, with the Centre for Political Theory and Global Justice at Sheffield and the Centre for Applied Human Rights at York, this project examined the assumption of a common humanity, and the idea of human interconnectedness, to get to grips with the question of why states should act to save strangers. After three high profile conferences, the European Centre on the Responsibility to Protect (ECR2P) was launched in December 2016 under the Co-Directors of Professor Jason Ralph and Cristina Stefan (University of Leeds), and with over 30 academics and practitioners from around the world. The new Research Centre acts as the European partner to the Global Centre for the Responsibility to Protect in New York (GCR2P) and the Asia-Pacific Centre for the Responsibility to Protect in Brisbane (APCR2P).

Dr. Ivan Šimonović, the United Nations Assistant Secretary-General gave the second Annual Lecture in 2017 and has since become a Visiting Professor at the University of Leeds. Projects on the Responsibility to Protect have been awarded £1,174,471 from a variety of funding bodies.

The Centre has attracted funding for 8 PhD students, including a White Rose DTP Network, Responsibility to Protect and Prosecute: Its Problems and Alternatives, and 1 Collaborative Award working with the United Nations Association UK.

Other project outputs include a Special Issue Journal ‘The Responsibility to Protect 10 Years on from the World Summit’, International Politics (53, 1, 2016) and Adrian Gallagher secured a promotion to Associate Professor in International Security at the University of Leeds.
SOME SELECTED PROJECTS

The Collaboration Fund encourages projects involving academics from all subject areas and we have funded a huge diversity of projects. Many projects have different schools and different faculties working together, and so are truly collaborative, by working not only across institutions but also across disciplines. Here is just a selection of some of our projects.

Making Mouths: assessing the incorporation and survival of biological signals in oral biofilms

Lead academic: Dr Camilla Speller, York
Funds: £10,900
Outcomes
- Interdisciplinary project with archaeology, dentistry and biological engineering
- Leverhulme Prize, Camilla Speller, April 17 to March 19, £100,000
- Max Planck Society donors award, Jessica Hendy, Nov 16 – Nov 18, €240,000

Building Up Resilience in Supply Chains Network (BURNS)

Lead academic: Prof Bob Doherty, York
Lead: £10,890
Outcomes:
- Journal submission to 3* Journal: Agriculture and Human Values, now in second review
- BURNS was part of N8 bid on Food Security to HEFCE for £16 million
- BURNS also played a role in securing Global Food Security Fund for the IKnowFood 4-year programme (£3.4m)

The socio-economic patterning of smoking and alcohol use and its implications for control policies in England

Lead academic: Dr Duncan Gillespie, Sheffield
Lead: £10,233
Outcomes:
- NIHR grant secured £726,966
- Policy discussion group with Public Health England and the Department of Health
- Paper published in Addiction, (H index: 158, Impact 5.8)

Governance, identity and political economy in the North of England

Lead academic: Dr Richard Hayton, Leeds
Funds: £10,524
Outcomes
- Book Developing England’s North: The Political Economy of the Northern Powerhouse, Palgrave Macmillan, September 2017
- Part of British Academy policy discussion Devolution to Yorkshire and its cities, March 2017
- ESRC DTP Pathway Award Party Politics in the North, 2017

Identifying and managing perinatal mental health in male partners using the Born and Bred in Yorkshire (BaBY) cohort

Lead academic: Dr Zoe Darwin, Leeds
Funds: £10,190
Outcomes
- Zoe Darwin promoted to Lecturer, January 2017
- Article in BMC Pregnancy and Childbirth (H index = 90)
- Two news items
- A blog by The Mental Elf
**Lead academic:** Dr Christian Berretta, Leeds  
**Lead:** £10,979  
**Outcomes:**  
- Partners with ARUP, Leeds City Council, Environment Agency, Land Securities Group PLC  
- Paper published in *ICE* Water Management, Feb 18  
- EPSRC DTP studentship  
- Christian is a Co-I on the NERC funded £4.7m project, Yorkshire Integrated Catchment Solutions Programme, involving the universities of Leeds, Sheffield and York. Led by Prof Joseph Holden, Leeds.

**The Political Economy of Brexit**

**Lead academic:** Dr Scott Lavery, Sheffield  
**Lead:** £10,400  
**Outcomes:**  
- 7 SPERI blogs (Sheffield Political Economy Research Institute)  
- 3 SPERI papers with one as a Special Issue to New Political Economy  
- Scott Lavery secured a Leverhulme Early Career Fellowship, January 2018  
- Press coverage in The Guardian  
- Event in European Parliament with Linda McAvan MEP via the White Rose Brussels Office.

**Observing a changing atmosphere through educational air pollution gardens**

**Lead academic:** Dr Maria Val Martin, Sheffield  
**Lead:** £10,600  
**Outcomes:**  
- 1st Air Pollution Garden established in Sheffield Botanical Gardens, used for monitoring NO2 with the Sheffield AirAware Campaign  
- Ran a summer school session, as a part of the University of Sheffield’s Widening Participation  
- NERC Public Engagement Grant of £33,203

**Controlling diffuse pollution in urban areas using biofiltration systems**

**Lead academic:** Prof Veronica Swallow, Leeds  
**Lead:** £10,846  
**Outcomes:**  
- Journal Article, Journal of Family Nursing, in review  
- Systematic Review on PROSPERO database  
- Service User Carer group established  
- £7997 funding from the Burdett Trust for Nursing  
- Project co-ordinated by Dr Joanna Smith, Leeds.

**Travel and transport in the Country House**

**Lead academic:** Dr Kate Giles, York  
**Lead:** £10,460  
**Outcomes:**  
- Consolidation of existing links with Yorkshire Country House Partnership and the National Railway Museum in York  
- Piloting an ‘Immersive Experiences’ Travel and Transport project based on virtual reconstruction  
- Expansion of partners from beyond the region  
- Career development of new curators and early career researchers through mini-projects

**Fostering and sustaining UK, multidisciplinary, family-focussed care across the life-course**

**Lead academic:** Dr Christian Berretta, Leeds  
**Lead:** £10,979  
**Outcomes:**  
- Partners with ARUP, Leeds City Council, Environment Agency, Land Securities Group PLC  
- Paper published in *ICE* Water Management, Feb 18  
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- NERC Public Engagement Grant of £33,203
POSTDOCTORAL INVESTMENT

Value: £440,000

The involvement of early career researchers is strongly encouraged in our Collaboration Fund projects. Many projects are led by those academics who understand the complexities of fixed term contracts, the need to secure external funding and acquiring evidence of leadership for promotion opportunities. Career development and support by senior colleagues are integral to the projects from mentoring, communication skills, project management experience to the vital putting together of successful funding applications.

Leverhulme funding has been gained by Scott Lavery, leader of *The Political Economy of Brexit* and Camilla Speller leader of the innovative *Making Mouths: assessing the incorporation and survival of biological signals in oral biofilms*, a Collaboration Fund project bringing together archaeology, dentistry and chemical and biological engineering.

“...As a young academic, it’s been great to be able to build a network in a manageable format, to make intellectual and professional connections, and to discuss intellectual issues. It’s been hugely helpful”

Dr Scott Lavery, SPERI, University of Sheffield

“...There is so much happening in the area of perinatal mental health and partners at the moment and this funding has been a game changer, enabling us to get started at conducting research in this area. It’s been such a positive experience for me and I’ve directed a few people to the scheme.”

Dr Zoe Darwin, School of Healthcare, University of Leeds
CASE STUDY:

Roughness modulation of Greenland Ice Sheet hydrology and ice-flow dynamics

Dr Andrew Sole, Geography, University of Sheffield

Working in collaboration with Dr David Rippin, Environment (University of York), Duncan Quincey, Geography (University of Leeds), Dr Stephen Livingstone (University of Sheffield), Dr Jon Hill (University of York) and Dr Malcolm MacMillan (University of Leeds).

The collaboration was started by a group of early career academics with complementary expertise to address some of the topical questions regarding the fate of the Greenland ice sheet in a warming Arctic and the potential devastating impact on sea levels and ocean circulation. The White Rose Glaciology Group was formed to pool datasets and share techniques.

The project was successful in its application to obtain satellite data products to better measure ice flow speed (TerraSAR-X data), and to map the surface hydrology of the ice sheet System (Pour l’Observation de la Terre – SPOT data). The team also secured a grant from the Mount Everest Foundation which funded them to gather ice-penetrating radar data in west Greenland in 2018.

The best thing about the project was a hugely productive two-day workshop attended by several international scientists; Dr Rob Arthern, British Antarctic Survey, Dr Kang Yang, University of California, Dr Katrin Lindback, Norwegian Polar Institute, and Dr Ian Hewitt, University of Oxford which has led to ongoing academic relationships. This includes ongoing work with Dr Kang Yang now at Nanjing University.

There have been 3 publications with a further 6 in preparation, contributions at national (International Glaciological Society British Branch Meeting) and international (Fall Meeting of The American Geophysical Union, San Francisco; International Glaciological Society Hydrology of Glaciers and Ice Sheets, Iceland) conferences and joint supervision of 2 PhD students between Sheffield and York.

“\nA less academic, although equally important objective was for us to get to know one another, because in our experience, the best collaborations are based on some level of friendship.”

Dr Andrew Sole

FUNDING SECURED

£90,932

NEW GROUP

WHITE ROSE GLACIOLOGY GROUP

JOINT SUPERVISION OF TWO PhD STUDENTS

Checking radar observations during an expedition to gather ice-marginal ice thickness data, Leverett Glacier, west Greenland, March 2015 Photo: Andrew Sole

Glaciological Society British Branch Meeting) and international (Fall Meeting of The American Geophysical Union, San Francisco; International Glaciological Society Hydrology of Glaciers and Ice Sheets, Iceland) conferences and joint supervision of 2 PhD students between Sheffield and York.
The majority of projects engage in some form of dissemination activity to a peer academic audience, to stakeholder partners and in the form of public engagement. There is a wide variety of outputs which help to raise the profile of the early research academics, as well as highlighting the successes that can come from collaboration.
CASE STUDY: 

Migration and Economic Crisis: Responses of Brits at home and abroad

Dr Majella Kilkey, Sociological Studies, University of Sheffield

Working in collaboration with Dr Neil Lunt, Department of Social Policy and Social Work, University of York and Dr Louise Waite, School of Geography, University of Leeds

Migration Studies is a multidisciplinary field of research, and this White Rose collaboration facilitated a rich disciplinary mix involving Geography, Social Policy, Sociology and Business Studies. The project focused on the migration-related responses of the British at home and abroad to the economic crisis post-2008.

A series of seminars involved international academic speakers from University of Western Australia, University of Auckland and University College Cork and also engaged with key national partners from the Office for National Statistics, the Home Office, Higher Education Statistical Authority, Royal College of Nursing, Diaspora Matters, New Europeans and the Institute for Public Policy Research. Public engagement activity saw a photographic exhibition by Charlie Clift (Brits Abroad), in Sheffield city centre, based on images and interviews with Brits now living abroad.

Following the project, the University of Sheffield launched the Faculty of Social Sciences Migration Research Group. Links were made with the Europe, migration and the new politics of (in)security Collaboration Fund project led by early career researcher Dr Alex Hall at York and the White Rose Migration Network was established in 2017.

Close collaboration continues with the University of Western Australia with a number of writing projects completed and in development. Funding secured includes £38,720 from the British Medical Association for the production of the longitudinal report ‘Analysis of the BMA Cohort Study of 2006 Medical Graduates’, by Kilkey, Lunt and Martinez-Perez; MIGRATE, €374,000, a Jean Monnet project exploring the impact of the ‘migrant crisis’ on EU integration; Modern Poland: Migration and Transformations (£29,760), a Noble Foundation project with Sheffield colleagues Professor Louise Ryan and Dr Aneta Piekut and the University of Warsaw; and Kilkey and Ryan are also working on migration-related aspects of Sustainable Care, an ESRC project for £2.54m led by Professor Sue Yeandle at the University of Sheffield.
SOME QUALITATIVE IMPACTS

The scheme has benefited academic career development. In particular, early career researchers valued the opportunity to create new academic networks, exchange knowledge and build new expertise. Meeting together, running workshops and hosting seminars with national and international experts were all viewed as beneficial to career development. The allocation of a White Rose Collaboration Development Manager to support each project was valued as was the light touch reporting and often constructive dialogue between them. Project management experience, event planning, making presentations and writing grant applications all with the support of senior academic colleagues were also beneficial.

Thank you for enabling this very valuable academic collaboration to occur! ... I think it is important to stress that what’s intrinsically valuable is not income but the research that it enables, and the workshops and conference involved some very high quality research indeed. So, on behalf of the whole group, I thank the White Rose Consortium for their support over the past two years!

Dr Richard Chappell, White Rose Ethics Group
## APPENDIX 1

### Collaboration Fund Projects, Funded Spring 2012 to Autumn 2017

<table>
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<tr>
<th>Area</th>
<th>Lead Academic</th>
<th>Project Title</th>
<th>In collaboration with</th>
<th>Funds</th>
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<td><strong>Autumn 2017</strong></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>S</td>
<td>Dr Fiona Gill, Dr Karen Bacon (Leeds) Environment</td>
<td>CLCI: Climate–Leaf Chemistry Interactions</td>
<td>Prof Dr Charles Wellman (Sheffield) Animal and Plant Sciences; Dr Kirsty Penkman (York) Chemistry</td>
<td>£10,910</td>
</tr>
<tr>
<td>SS</td>
<td>Dr James Uttley (Sheffield) Architecture</td>
<td>Improving public health by using road lighting to encourage cycling at night</td>
<td>Dr Robin Lovelace (Leeds) Transport Studies; Dr Matthew Taylor (York) Health Economics</td>
<td>£10,430</td>
</tr>
<tr>
<td>SS</td>
<td>Prof Vanita Sundaram (York) Education</td>
<td>Using religious imagery in popular culture to explore and challenge everyday sexism, sexual harassment and abuse together with secondary school students</td>
<td>Dr Katie Edwards (Sheffield) English; Dr Johanna Stiebert (Leeds) Biblical Studies</td>
<td>£10,805</td>
</tr>
<tr>
<td>AH</td>
<td>Prof Robert Stern (Sheffield) Philosophy</td>
<td>Luther as Philosopher</td>
<td>Dr David Efird (York) Philosophy; Dr Joe Saunders (Leeds) Interdisciplinary Ethics</td>
<td>£10,753</td>
</tr>
<tr>
<td><strong>Spring 2017</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SS</td>
<td>Dr Sonal Choudhary (Sheffield) Management</td>
<td>New Frontiers of Palm Oil: Tackling the Multi-Dimensional Dynamics of Palm Oil Expansion in West Africa</td>
<td>Prof Keith Hamer (Leeds) Animal Ecology; Prof Jane Hill (York) Biology</td>
<td>£10,985</td>
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<tr>
<td>MDH</td>
<td>Dr Helen Colley (Sheffield) Dentistry</td>
<td>White Rose Mucosal Drug Delivery Network</td>
<td>Dr Yvette Hancock (York) Physics; Dr Giuseppe Tronci (Leeds) Design</td>
<td>£10,500</td>
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<tr>
<td>AH</td>
<td>Dr Elisabeth Leake (Leeds) History</td>
<td>Imperial afterlives: The crisis of nation and citizen in historical perspective</td>
<td>Dr Sarah Miller-Davenport (Sheffield) History; Dr Amanda Behm (York) History</td>
<td>£10,529</td>
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<tr>
<td>AH</td>
<td>Dr Maroula Perisanidi (Leeds) History</td>
<td>Marginalisation and the Law: Medieval and Modern</td>
<td>Dr Danica Summerlin (Sheffield) History; Dr Harry Munt (York) History</td>
<td>£10,985</td>
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<td><strong>Autumn 2016</strong></td>
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<tr>
<td>AH</td>
<td>Dr Isabel Douterelo (Sheffield) Civil &amp; Structural Engineering</td>
<td>Microbial pollution in water sources under extreme weather conditions: modelling sediment-pathogen interactions</td>
<td>Prof Colin Brown (York) Environment; Dr Christian Berretta (Leeds) Civil Engineering</td>
<td>£9,525</td>
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<td>MDH</td>
<td>Dr Jon Hill (York) Environment</td>
<td>Improving coastal community hazard assessment using novel experiments (INUNDATION)</td>
<td>Prof Jeff Peakall (Leeds) Environment; Dr Georges Kesserwani (Sheffield) Civil and Structural Engineering</td>
<td>£11,000</td>
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<tr>
<td>AH</td>
<td>Dr Lucie Middlemiss (Leeds) Environment</td>
<td>Energy poverty and social relations: understanding vulnerability through secondary qualitative analysis</td>
<td>Prof Angela Tod (Sheffield), Nursing and Midwifery; Dr Carolyn Snell (York) Social Policy</td>
<td>£10,989</td>
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<td>Dr Kerri Woods (Leeds) Politics</td>
<td>Understanding Solidarity amid refugee crises</td>
<td>Dr Alice Nah (York) Centre for Applied Human Rights; Dr Clara Sandelin (Sheffield) Politics</td>
<td>£10,589</td>
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<td>MDH</td>
<td>Dr Victoria Knowland (York) Psychology</td>
<td>Early Sleep in Children at Risk of Autism Spectrum Disorder</td>
<td>Dr Heidi Christensen (Sheffield) Computer Science; Dr Anna Weighall (Leeds), Psychology</td>
<td>£10,749</td>
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<td>SCI</td>
<td>Dr Thomas Hughes (Leeds) Biomedical Science</td>
<td>Novel approaches to targeting metastasis in breast cancer</td>
<td>Dr William J Brackenbury (York) Biology; Prof Ingunn Holen (Sheffield) Oncology</td>
<td>£11,000</td>
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<td>MDH</td>
<td>Dr Alexandra Hall (York) Politics</td>
<td>Europe, migration and the new politics of (in)security</td>
<td>Dr Emma Brient (Sheffield) Journalism Studies; Dr Deirdre Conlon (Leeds) Geography</td>
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<td>MDH</td>
<td>Dr Camilla Speller (York)</td>
<td>Archaeology</td>
<td>Making Mouths: assessing the incorporation and survival of biological signals in oral biofilms</td>
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<td>SCI</td>
<td>Prof Veronica Swallow (Leeds)</td>
<td>Health Science</td>
<td>Fostering and sustaining UK, multidisciplinary, family-focussed care across the life-course: A White Rose collaboration in long-term condition management</td>
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<td>SCI</td>
<td>Dr Scott RE Lavery (Sheffield)</td>
<td>Politics</td>
<td>Britain and Europe: The political economy of ‘Brexit’</td>
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<td>Dr Katy Roelich (Leeds)</td>
<td>Civil Engineering</td>
<td>Understanding public perceptions and experiences of low carbon building materials</td>
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<td>Dr Jose A. Gonzalez (Sheffield)</td>
<td>Computer Science</td>
<td>Silent Speech: restoring the power of speech to people whose larynx has been removed</td>
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<td>Spring 2015</td>
<td>SCI</td>
<td>Dr Richard Chappell (York)</td>
<td>Philosophy</td>
<td>White Rose Early Career Ethics Researchers (WRECERs)</td>
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<td>AH</td>
<td>Dr Maria Val Martin (Sheffield)</td>
<td>Animal Plant Science</td>
<td>Observing a changing atmosphere through educational air pollution gardens</td>
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<td>Prof Alex Wade (York)</td>
<td>Psychology</td>
<td>Low cost, long-term measurement of motor activity and REM sleep.</td>
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<td>SS</td>
<td>Dr Duncan Gillespie (Sheffield)</td>
<td>Midwifery</td>
<td>The socio-economic patterning of smoking and alcohol use and its implications for control policies in England</td>
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<td>AH</td>
<td>Dr Kate Giles (York)</td>
<td>Archaeology</td>
<td>Travel and transport in the Country House</td>
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<td>Autumn 2014</td>
<td>SCI</td>
<td>Dr Richard Hayton (Leeds)</td>
<td>Politics</td>
<td>Governance, identity and political economy in the North of England</td>
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<td>Dr Zoe Darwin (Leeds)</td>
<td>Midwifery</td>
<td>Identifying and managing perinatal mental health in male partners using the Born and Bred in Yorkshire (BaBY) cohort: A White Rose Collaboration in Gender and Perinatal Mental Health</td>
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<td>ENG</td>
<td>Dr Lingzhong Guo (Sheffield)</td>
<td>Systems Engineering</td>
<td>Reduced-order spatio-temporal dynamical modelling and simulation of periprosthetic bone remodelling for joint replacements</td>
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<td>SS</td>
<td>Dr Christian Berretta (Leeds)</td>
<td>Civil Engineering</td>
<td>Controlling diffuse pollution in urban areas using biofiltration systems</td>
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<td>AH</td>
<td>Dr Amy Cutler (Leeds)</td>
<td>GeoHumanities</td>
<td>Hearts of Oak: Caring for British Woodlands</td>
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<td>ENG</td>
<td>Dr Andrew Sole (Sheffield)</td>
<td>Geography</td>
<td>Roughness modulation of Greenland Ice Sheet hydrology and ice-flow dynamics</td>
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<td>Spring 2014</td>
<td>SCI</td>
<td>Dr Martin Fascione (York)</td>
<td>Chemistry</td>
<td>White Rose Chemical Biology Toolkits: Enabling the dissection of biomolecular interactions through chemistry</td>
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<td>Year</td>
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<td>Applicant/Institution</td>
<td>Project Title</td>
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<td>Autumn 2013</td>
<td>AH</td>
<td>Dr Tom Stafford (Sheffield) Psychology</td>
<td>Neuroimaging as a marker of Attention Deficit Hyperactivity Disorder (ADHD).</td>
<td>Prof Lars Jeuken (Leeds) Biomedical Science; Dr Steven Johnson (York) Electronic Engineering</td>
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<td></td>
<td>SCI</td>
<td>Dr Siobhan Hugh-Jones (Leeds) Psychology</td>
<td>Peace of Mind: researching mindfulness based approaches for positive mental health in children and young people.</td>
<td>Dr Pam Hanley (York) Chemistry; Dr Lisa Berry (Sheffield) Psychology</td>
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<td>Dr Heather Marsden (York) Linguistic Science</td>
<td>White Rose Network for the Interdisciplinary Study of Second Language Learning (NiSSLL)</td>
<td>Prof Melinda Whong (Leeds) Language; Dr Kook-Hee Gil (Sheffield) English</td>
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<tr>
<td></td>
<td>SS</td>
<td>Prof Tim Cockerill (Leeds) Mechanical Engineering</td>
<td>Policy for the effective realisation of energy storage in grid and transport applications.</td>
<td>Dr Grant Wilson (Sheffield) Chemical and Biological Engineering; Dr Samantha Thanikappan (York) Environment</td>
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<td></td>
<td>MDH</td>
<td>Professor Gail Mountain (Sheffield) ScHARR</td>
<td>Dementia, cognition and care</td>
<td>Prof David Bunce (Leeds) Cognitive Psychology; Prof Gillian Parker (York) Social Policy</td>
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<td>Spring 2013</td>
<td>MDH</td>
<td>Dr Chunfei Wu (Leeds) Materials Engineering</td>
<td>Energy and fuels from thermal chemical conversion of biomass</td>
<td>Prof Vida Sharifi (Sheffield) Chemical and Biological Engineering; Dr Vitaly Budarin (York) Chemistry</td>
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<td></td>
<td>ENG</td>
<td>Dr Manoj Menon (Sheffield) Geography</td>
<td>Evaluating Ecological Impacts of Soil Compaction using a Multidisciplinary Approach</td>
<td>Dr Andreas Heinemer (York) Environment; Dr Xiaodong Jia (Leeds) Chemical &amp; Process Engineering</td>
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<td></td>
<td>MDH</td>
<td>Dr Adrian Gallagher (Leeds) Politics</td>
<td>The Responsibility to Protect and Humanity: A Study on the Idea of Human Interconnectedness</td>
<td>Dr Garrett W Brown (Sheffield) Politics; Lars Waldorf (York) Law</td>
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<td></td>
<td>ENG</td>
<td>Prof Bob Doherty (York) Management</td>
<td>Building Up Resilience in Supply Chains Network (BURNS)</td>
<td>Dr Anne Tallontire (Leeds) Environment; Prof David Oglethorpe (Sheffield) Management</td>
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<tr>
<td>Autumn 2012</td>
<td>AH</td>
<td>Prof Andrew Pendleton (York) Management</td>
<td>White Rose Centre for Employee Ownership</td>
<td>Prof Andrew Robinson (Leeds) Business School; Prof Peter Marsh (Sheffield) Sociological Studies</td>
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<td>Prof Long Lin (Leeds)</td>
<td>Printable radiation curable dielectric layers for application in organic electronics</td>
<td>Dr Patrick Smith (Sheffield) Mechanical Engineering; Dr Steven Johnson (York) Electronics</td>
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<td></td>
<td>SCI</td>
<td>Dr Majella Kilkey (Sheffield) Social Policy</td>
<td>Migration and Economic Crisis: Responses of Brits at home and abroad</td>
<td>Dr Neil Lunt (York) Social Policy; Dr Louise Waite (Leeds) Geography</td>
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<tr>
<td></td>
<td>SS</td>
<td>Prof Dan Goodley (Sheffield) Education</td>
<td>White Rose Studies of Ableism: Proposal for a new inter-disciplinary research collaboration</td>
<td>Dr Angharad Beckett (Leeds) Social Policy; Dr Parvaneh Rabiee (York) Social Policy</td>
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<td>Spring 2012</td>
<td>SS</td>
<td>Dr Katherine Selby (York) Environment</td>
<td>Coastline dynamics in an increasingly stormy world</td>
<td>Dr Graeme Swindles (Leeds) Geography; Dr Mark Bateman (Sheffield) Geography</td>
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<td></td>
<td>ENG</td>
<td>Prof Mark Hodson (York) Environment</td>
<td>Caught in the act – novel approaches to preventing the crystallisation of amorphous materials</td>
<td>Prof Liane Benning (Leeds) Environment; Prof John Harding (Sheffield) Materials Science</td>
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<tr>
<td></td>
<td>SCI</td>
<td>Dr Vicky Crewe (Sheffield) Archaeology</td>
<td>Performing the Past: exploring the heritage of working class communities in Yorkshire</td>
<td>Prof Jonathan Pitches (Leeds) Performance; Dr Kate Giles (York) Archaeology</td>
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