



**White Rose**  
university consortium  
Universities of Leeds, Sheffield & York



# White Rose Collaboration Fund

Outcomes for the White Rose Universities

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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<sup>1</sup> 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 eg 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.

“ 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 “

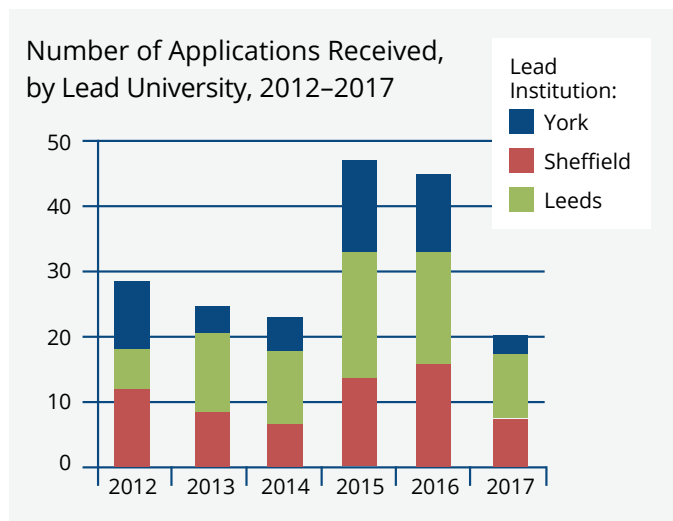
**Dr Kate Giles, University of York**

<sup>1</sup> Two projects were unable to complete

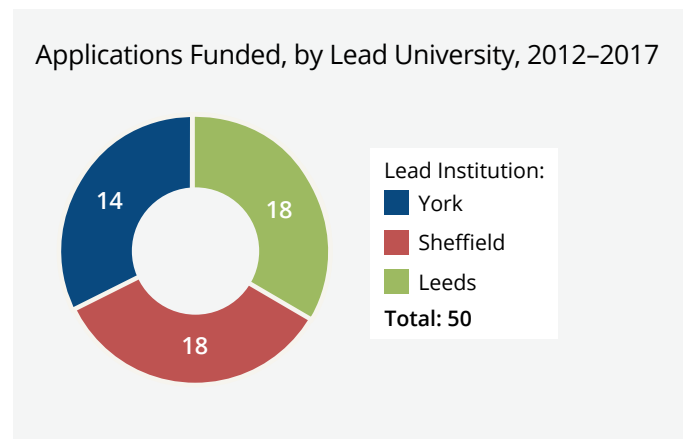
# THE COLLABORATION FUND

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.

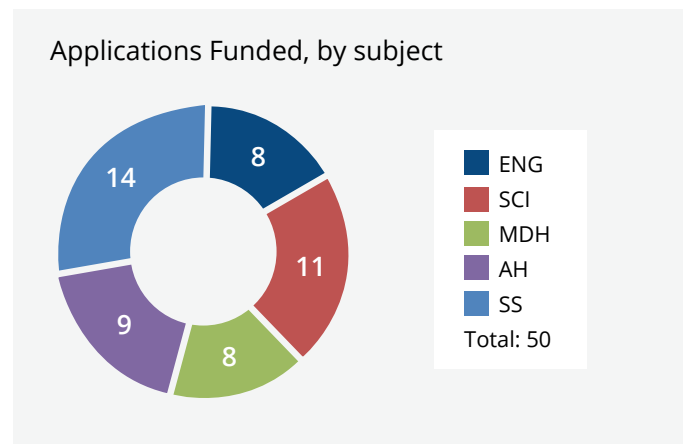
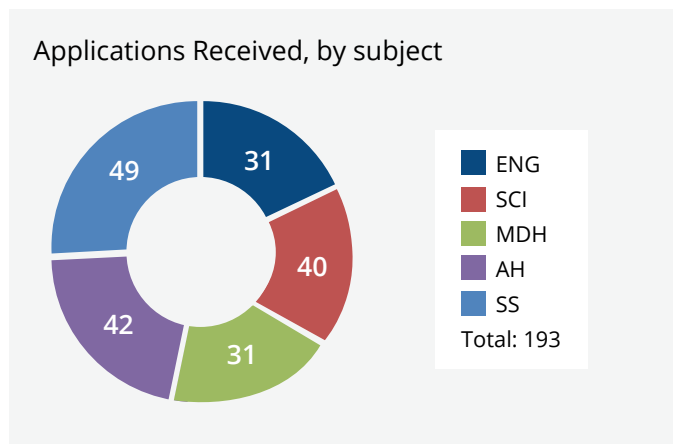


A total of 193 applications were received over the six year period.



37% submitted by Sheffield as the lead organisation, 35% by Leeds and 28% by York. Of the projects funded, 36% were led by Sheffield and by Leeds and 28% by York

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



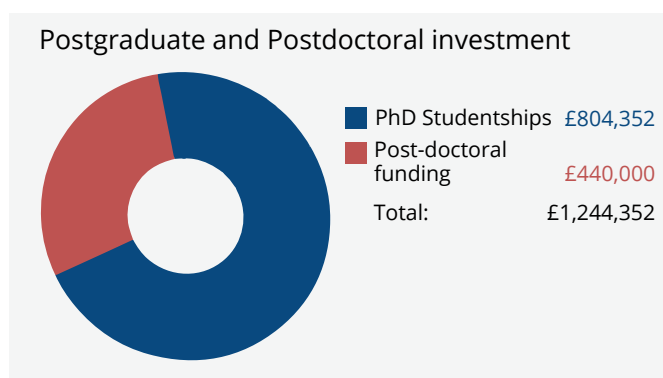
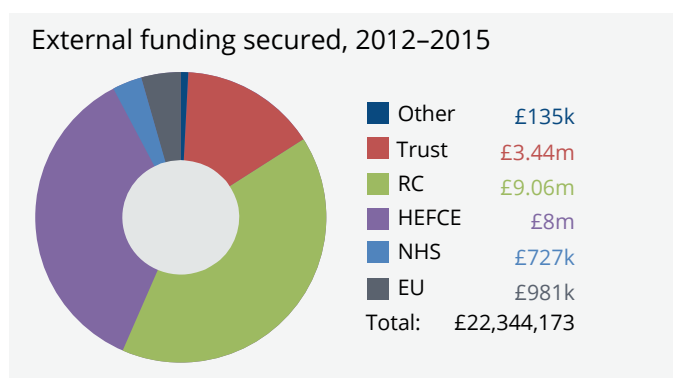
Subject allocation is by departmental home of lead academic

# 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<sup>2</sup>**  
Projects from 2012–2015



Research Councils	£9,060,343
Trusts /Foundations	£3,440,657
HEFCE	£8,000,000
EU	£ 981,068
NHS	£ 726,966
Other	£ 135,139
<b>Sub-Total</b>	<b>£ 22,344,173</b>

Post-doctoral	£440,000
PhD	£804,352
<b>Sub-Total</b>	<b>£1,244,352</b>

“ 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**

<sup>2</sup> 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



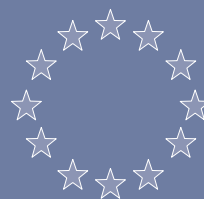
Early pump-priming of Food Security research  
through the BURNS project which played a part in  
the successful N8 bid, securing £8m from HEFCE



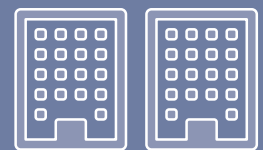
New international academic collaborations  
made eg Nanjing University, University of  
Western Australia



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



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

£980K

of European funding secured for projects  
including Marie Skłodowska-Curie Actions and  
Jean Monnet 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**

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**MRC's CONFIDENCE  
IN CONCEPTS  
£64,140**

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**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/>

## iHuman

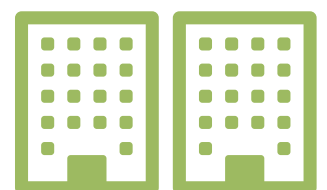


Photo: iHuman/iStock

- 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.

**FUNDING**  
**£1,174,471**

**NEW RESEARCH**  
**CENTRE ECR2P**

**8 FUNDED PhD**  
**STUDENTSHIPS**

**SPECIAL**  
**ISSUE**  
**JOURNAL**

# 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

- e-book published in January 2016
- 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

Controlling diffuse pollution in urban areas using biofiltration systems



**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 NO<sub>2</sub> 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



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:** 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

# 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



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.

“ A 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**



# PUBLICATIONS AND MEDIA

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.



**Journal Articles**



**Conference Presentations**



**Radio Interviews**



**Blogs**



**Books**



**TV News Items**



**Editorials**



**Photo Exhibition**



**Newspaper Articles**

# 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.



Migration Stories, Exhibition, Sheffield  
Winter Gardens, May 2014

Photos on display: Charlie Clift

**BMA**  
**£38,720**

**€374,000**  
**JEAN MONNET**  
**PROJECT MIGRATE**

Part of Sustainable  
Care, **ESRC £2.54m**

White Rose Migration  
Research Group

# 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!

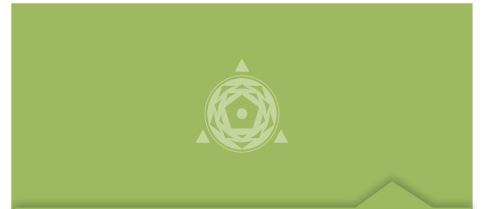
**Dr Richard Chappell, White Rose Ethics Group**



**New links with regional  
MEPs**



**Career Development**



**Systematic Reviews**



**New Patient/Carer  
Service User Group**



**Attracting PhD students  
to the department**



**Delivering new  
Masterclasses**



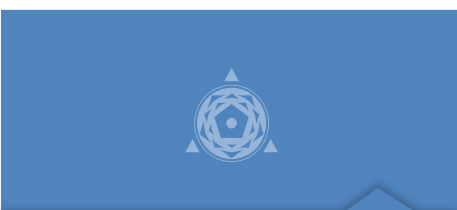
**Policy Roundtable**



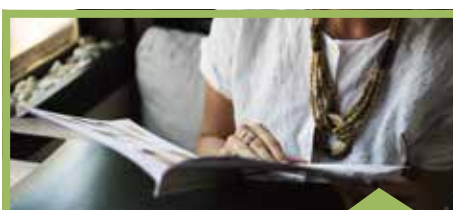
**Summer School**



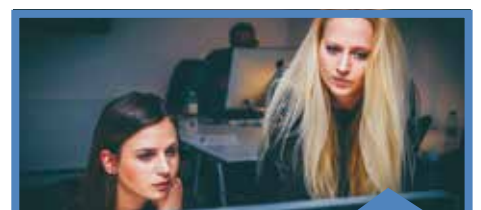
**New International  
Networks**



**Research Seminars**



**Briefing Papers**



**Stakeholder Engagement**



# APPENDIX 1

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

Area	Lead Academic	Project Title	In collaboration with	Funds
<b>Autumn 2017</b>				
S	Dr Fiona Gill, Dr Karen Bacon (Leeds) Environment	CLCI: Climate-Leaf Chemistry Interactions	Prof Dr Charles Wellman (Sheffield) Animal and Plant Sciences; Dr Kirsty Penkman (York) Chemistry	£10,910
SS	Dr James Uttley (Sheffield) Architecture	Improving public health by using road lighting to encourage cycling at night	Dr Robin Lovelace (Leeds) Transport Studies; Dr Matthew Taylor (York) Health Economics	£10,430
SS	Prof Vanita Sundaram (York) Education	Using religious imagery in popular culture to explore and challenge everyday sexism, sexual harassment and abuse together with secondary school students	Dr Katie Edwards (Sheffield) English; Dr Johanna Stiebert (Leeds) Biblical Studies	£10,805
AH	Prof Robert Stern (Sheffield) Philosophy	Luther as Philosopher	Dr David Eford (York) Philosophy; Dr Joe Saunders (Leeds) Interdisciplinary Ethics	£10,753
<b>Spring 2017</b>				
SS	Dr Sonal Choudhary (Sheffield) Management	New Frontiers of Palm Oil: Tackling the Multi-Dimensional Dynamics of Palm Oil Expansion in West Africa	Prof Keith Hamer (Leeds) Animal Ecology; Prof Jane Hill (York) Biology	£10,985
MDH	Dr Helen Colley (Sheffield) Dentistry	White Rose Mucosal Drug Delivery Network	Dr Yvette Hancock (York) Physics; Dr Giuseppe Tronci (Leeds) Design	£10,500
AH	Dr Elisabeth Leake (Leeds) History	Imperial afterlives: The crisis of nation and citizen in historical perspective	Dr Sarah Miller-Davenport (Sheffield) History; Dr Amanda Behm (York) History	£10,529
AH	Dr Maroula Perisanidi (Leeds) History	Marginalisation and the Law: Medieval and Modern	Dr Danica Summerlin (Sheffield) History; Dr Harry Munt (York) History	£10,985
<b>Autumn 2016</b>				
AH	Dr Isabel Douterelo (Sheffield) Civil & Structural Engineering	Microbial pollution in water sources under extreme weather conditions: modelling sediment-pathogen interactions	Prof Colin Brown (York) Environment; Dr Christian Berretta (Leeds) Civil Engineering	£9,525
MDH	Dr Jon Hill (York) Environment	Improving coastal community hazard assessment using novel experiments (INUNDATION)	Prof Jeff Peakall (Leeds) Environment; Dr Georges Kesserwani (Sheffield) Civil and Structural Engineering	£11,000
AH	Dr Lucie Middlemiss (Leeds) Environment	Energy poverty and social relations: understanding vulnerability through secondary qualitative analysis	Prof Angela Tod (Sheffield), Nursing and Midwifery; Dr Carolyn Snell (York) Social Policy	£10,989
MDH	Dr Kerri Woods (Leeds) Politics	Understanding Solidarity amid refugee crises	Dr Alice Nah (York) Centre for Applied Human Rights; Dr Clara Sandelind (Sheffield) Politics	£10,589
<b>Spring 2016</b>				
MDH	Dr Victoria Knowland (York) Psychology	Early Sleep in Children at Risk of Autism Spectrum Disorder	Dr Heidi Christensen (Sheffield) Computer Science; Dr Anna Weighall (Leeds), Psychology	£10,749
SCI	Dr Thomas Hughes (Leeds) Biomedical Science	Novel approaches to targeting metastasis in breast cancer	Dr William J Brackenbury (York) Biology; Prof Ingunn Holen (Sheffield) Oncology	£11,000
MDH	Dr Alexandra Hall (York) Politics	Europe, migration and the new politics of (in)security	Dr Emma Briant (Sheffield) Journalism Studies; Dr Deirdre Conlon (Leeds) Geography	£10,960

ENG	Abualbishr Alshreef (Sheffield) ScHARR	Assessing the appropriateness of existing model adaptation methods to the context of middle-income countries: a case study on Taxanes for adjuvant treatment of early breast cancer in South Africa	Bryony Dawkins (Leeds) Health Sciences Dr Matthew Taylor (York) Economics health	£11,000
Autumn 2015				
MDH	Dr Camilla Speller (York) Archaeology	Making Mouths: assessing the incorporation and survival of biological signals in oral biofilms	Dr Maria E Romero-Gonzalez (Sheffield) Geography; Prof Deirdre Devine (Leeds) Dentistry	£10,900
SCI	Prof Veronica Swallow (Leeds) Health Science	Fostering and sustaining UK, multidisciplinary, family-focussed care across the life-course: A White Rose collaboration in long-term condition management	Prof Penny Curtis (Sheffield) Nursing and Midwifery; Prof Yvonne Birks (York) Social Policy	£10,846
SCI	Dr Scott RE Lavery (Sheffield) Politics	Britain and Europe: The political economy of 'Brexit'	Prof Lucia Quaglia (York) Politics; Dr Charles Dannreuther (Leeds) Politics	£10,400
AH	Dr Katy Roelich (Leeds) Civil Engineering	Understanding public perceptions and experiences of low carbon building materials	Danielle Densley Tingley (Sheffield) Civil and Structural; Carolyn Snell (York) Social Policy	£10,826
SCI	Dr Jose A. Gonzalez (Sheffield) Computer Science	Silent Speech: restoring the power of speech to people whose larynx has been removed	Dr Andy Bulpitt (Leeds) Computing Engineering; Dr Damian Murphy (York) Electronic Engineering	£9,800
Spring 2015				
SCI	Dr Richard Chappell (York) Philosophy	White Rose Early Career Ethics Researchers (WRECERS)	Prof Matthew Smith (Leeds) Philosophy; Dr T Ryan Byerly (Sheffield) Philosophy	£8,125
AH	Dr Maria Val Martin (Sheffield) Animal Plant Science	Observing a changing atmosphere through educational air pollution gardens	Dr Lisa Emberson (York) Environment; Dr Steve Arnold (Leeds) ICAS Environment	£10,600
ENG	Prof Alex Wade (York) Psychology	Low cost, long-term measurement of motor activity and REM sleep.	Dr Anna Weighall (Leeds) Psychology; Dr Oliver Bandmann (Sheffield) SITraN Medicine	£10,983
SS	Dr Duncan Gillespie (Sheffield) ScHARR	The socio-economic patterning of smoking and alcohol use and its implications for control policies in England	Ms Qi Wu (York) Health Sciences; Dr Joachim Marti (Leeds) Health Sciences	£10,233
AH	Dr Kate Giles (York) Archaeology	Travel and transport in the Country House	Dr Kerry Bristol, Fine Art (Leeds); Dr Jane Hodson, English (Sheffield)	£10,460
Autumn 2014				
SCI	Dr Richard Hayton (Leeds) Politics	Governance, identity and political economy in the North of England	Dr Craig Berry, (Sheffield) Politics; Professor Martin Smith, (York) Politics	£10,524
SS	Dr Zoe Darwin (Leeds) Midwifery	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	Dr Paul Galdas (York) Health Sciences; Dr Sharron Hinchliff (Sheffield) Nursing and Midwifery	£10,190
ENG	Dr Lingzhong Guo (Sheffield) Systems Engineering	Reduced-order spatio-temporal dynamical modelling and simulation of periprosthetic bone remodelling for joint replacements	Prof Paul Genever (York) Biology; Prof Zhongmin Jin (Leeds) Mechanical Engineering	£9,896
SS	Dr Christian Berretta (Leeds) Civil Engineering	Controlling diffuse pollution in urban areas using biofiltration systems	Dr Virginia Stovin (Sheffield) Civil and Structural; Prof Alistair Boxall (York) Environment	£10,979
AH	Dr Amy Cutler (Leeds) GeoHumanities	Hearts of Oak: Caring for British Woodlands	Dr Sarah Rees Jones (York) History; Dr Felicity Stout (Sheffield) History	£11,000
ENG	Dr Andrew Sole (Sheffield) Geography	Roughness modulation of Greenland Ice Sheet hydrology and ice-flow dynamics	Dr David Rippin (York) Environment; Dr Duncan Quincey (Leeds) Geography	£11,000
Spring 2014				
SCI	Dr Martin Fascione (York) Chemistry	White Rose Chemical Biology Toolkits: Enabling the dissection of biomolecular interactions through chemistry	Prof Jon Sayers (Sheffield) Medicine; Dr Deijan Zhou (Leeds) Chemistry	£10,978.95

AH	Dr Tom Stafford (Sheffield) Psychology	Neuroimaging as a marker of Attention Deficit Hyperactivity Disorder (ADHD).	Prof Lars Jeuken (Leeds) Biomedical Science; Dr Steven Johnson (York) Electronic Engineering	£10,996
Autumn 2013				
SCI	Dr Siobhan Hugh-Jones (Leeds) Psychology	Peace of Mind: researching mindfulness based approaches for positive mental health in children and young people.	Dr Pam Hanley (York) Chemistry; Dr Lisa Berry (Sheffield) Psychology	£11,000
inter	Dr Heather Marsden (York) Linguistic Science	White Rose Network for the Interdisciplinary Study of Second Language Learning (NISSLL)	Prof Melinda Whong (Leeds) Language; Dr Kook-Hee Gil (Sheffield) English	£10,917
SS	Prof Tim Cockerill (Leeds) Mechanical Engineering	Policy for the effective realisation of energy storage in grid and transport applications.	Dr Grant Wilson (Sheffield) Chemical and Biological Engineering; Dr Samartha Thankappan (York) Environment	£10,500
MDH	Professor Gail Mountain (Sheffield) SchARR	Dementia, cognition and care	Prof David Bunce (Leeds) Cognitive Psychology; Prof Gillian Parker (York) Social Policy	£10,910
Spring 2013				
MDH	Dr Chunfei Wu (Leeds) Materials Engineering	Energy and fuels from thermal chemical conversion of biomass	Prof Vida Sharifi (Sheffield) Chemical and Biological Engineering; Dr Vitaliy Budarin (York) Chemistry	£10,500
ENG	Dr Manoj Menon (Sheffield) Geography	Evaluating Ecological Impacts of Soil Compaction using a Multidisciplinary Approach	Dr Andreas Heinemeyer (York) Environment; Dr Xiadong Jia (Leeds) Chemical & Process Engineering	£11,000
MDH	Dr Adrian Gallagher (Leeds) Politics	The Responsibility to Protect and Humanity: A Study on the Idea of Human Interconnectedness	Dr Garrett W Brown (Sheffield) Politics; Lars Waldorf (York) Law	£9,757
ENG	Prof Bob Doherty (York) Management	Building Up Resilience in Supply Chains Network (BURNS)	Dr Anne Tallontire (Leeds) Environment; Prof David Oglethorpe (Sheffield) Management	£10,890
Autumn 2012				
AH	Prof Andrew Pendleton (York) Management	White Rose Centre for Employee Ownership	Prof Andrew Robinson (Leeds) Business School; Prof Peter Marsh (Sheffield) Sociological Studies	£11,750
SS	Prof Long Lin (Leeds)	Printable radiation curable dielectric layers for application in organic electronics	Dr Patrick Smith (Sheffield) Mechanical Engineering; Dr Steven Johnson (York) Electronics	£11,400
SCI	Dr Majella Kilkey (Sheffield) Social Policy	Migration and Economic Crisis: Responses of Brits at home and abroad	Dr Neil Lunt (York) Social Policy; Dr Louise Waite (Leeds) Geography	£10,724
SS	Prof Dan Goodley (Sheffield) Education	White Rose Studies of Ableism: Proposal for a new inter-disciplinary research collaboration	Dr Angharad Beckett (Leeds) Social Policy; Dr Parvaneh Rabiee (York) Social Policy	£10,000
Spring 2012				
SS	Dr Katherine Selby (York) Environment	Coastline dynamics in an increasingly stormy world	Dr Graeme Swindles (Leeds) Geography; Dr Mark Bateman (Sheffield) Geography	£12,000
ENG	Prof Mark Hodson (York) Environment	Caught in the act – novel approaches to preventing the crystallisation of amorphous materials	Prof Liane Benning (Leeds) Environment; Prof John Harding (Sheffield) Materials Science	£11,750
SCI	Dr Vicky Crewe (Sheffield) Archaeology	Performing the Past: exploring the heritage of working-class communities in Yorkshire	Prof Jonathan Pitches (Leeds) Performance; Dr Kate Giles (York) Archaeology	£9,825

**Claire Pickerden**  
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White Rose University Consortium

[www.whiterose.ac.uk](http://www.whiterose.ac.uk)