Welcome to the WUN 2017 Institutional Impact Reports. This approach to reporting, now in its second year of implementation, reflects the accomplishments of each member in a systematic, accessible and user friendly format. These reports can serve as a quick reference guide to the WUN engagement of your university, helping you track the status of ongoing programs; view key research and institutional leadership; review activity for the year in publications; funding; conferences; mobility; and policy impact; and to identify opportunities to expand your partnership with fellow WUN members.

In this pack are the responses of 17 WUN members. Our six newer members are given time to development their engagement, and therefore will begin reporting in line with their respective commencement dates from next year. These reports show an impressive level of activity and demonstrate the benefits of teamwork. Please note that although they aim to be as comprehensive as possible, there are inevitable omissions and significant underreporting that occurs due to turnover in personnel and reports from research programs that were not submitted by the deadline or were incomplete. We have worked diligently with Coordinators to clearly indicate the status of Interdisciplinary Research Groups (IRG), both completed and ongoing. It is important to bear in mind that although an IRG may have completed at the leading institution, we are aware that activity and outputs often continue within the Groups throughout the collaborative partners of the Network.

In 2017, Coordinators reported on an estimated 88 active research programs (14 programs were reported completed in 2017, with 14 new programs added), 286 publication references, 130 conferences and workshops, 25 instances of policy impact, and over £16.6 million in funding identified as catalysed by WUN successfully received.

The reports are a reminder that the level of commitment to leadership and engagement in WUN membership determines the level of impact and success achieved. Deeper engagement leads to broader impact.

We offer a special thank you to the Coordinators and researchers who made these reports possible, and offer congratulations on their accomplishments included in these reports. We look forward to reporting even more success for the 2018 year.

Professor John Hearn
Executive Director

Dr Mike Hasenmueller
General Manager
Interdisciplinary Research Groups engagement

Engaged in 51 IRGs / Leading 11 / 9 RCC / 1 GHEAR / 20 PH / 15 UC

Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.

Leading on (PI in brackets):
- Facilitating international research collaboration between economists working on the integration of renewable generation into electricity markets (David Brown) (RCC)
- OPERA - Optimal Pregnancy Environment Risk Assessment (David Olson)
- Characterising Space Radiation & Its Impact on Climate Change (Ian Mann)**
- Enhancing Food Security through Urban Agriculture (Debra Davidson)**
- Global Social Initiative on Ageing (Norah Keating)**
- Himalayan Climate Change: Debris Covered Glacier Response, Water Availability, Biodiversity and Ecosystem Response (Andrew Bush)**
- iMOM – International Migration, Optimizing Maternal Health Research (Gina Higginbottom)**
- Invasive Species Under Climate Change: Economic Impacts (Linda Hall)**
- Older Workers and Caregiving (Janet Fast)**
- Xeno-Racism & Extremism (Andy Knight)**
- 67,000 More Helping Hands: An International Collaboration to Further Engage Pharmacists in Improving Primary Healthcare (Ross Tsuyuki)**

** Program listed by lead university as completed prior to 2017

Participating in: (lead university in brackets)
- Health Education Access and Mobility for Musicians: A global approach (UWA) (GHEAR/PH/UC)
- Communicating Good Health and Wellbeing: Promotion, Advocacy and Resilience (UWA) (PH/UC)
- A MOOC for WUN: Enabling collaborative education for heterogeneous groups around open research data (Southampton)
- Adapting to Climate Change (UWA)
- Adapting to Climate Change: Gender and Climate Change (Penn Sate)*
- Addressing Multiple Forms of Migrant Precarity – Beyond “Management” of Migration to an Integrated Rights-Based Approach (Sydney)
- Arctic Environments: Vulnerabilities and Opportunities AEVO (Leeds)
- Assessment and Intervention Technologies for the Movement Ability of older Adult - Cross Country Study (Zhejiang)
- Bridging Health Promotion and Sustainability Science (Bergen)
- Climate change: Understanding Systemic Shocks in Integrated Infrastructures (Sheffield)
- Community of Learning for African PhD Fellows (Maastricht)
- Comparative Analysis of International Refugee Resettlement: International Law Obligations and Policy (Auckland)
- Early Life Opportunities for Prevention of NCDs in Developing Countries (Southampton)
- Feasibility Study of Recommender Systems in Academia (Maastricht)
- Geographies of Power: Justice, Revolution, and the Cultural Imagination (Penn State)*
- Global China Group (led centrally)
- Global Farm Platforms for Optimisation of Grazing Livestock Production Systems (Bristol)
- Global Health Justice Network (Bristol)
- Health Literacy Network (Sydney)
- Health promoting responses to climate change (Auckland)
- Hidden Voices: Exploring the health experiences of children who migrate (Sheffield)**
- Highly Skilled Immigrants & Return Migrants & Their Labor Market Outcome: The Role of Place of Education (CUHK)
- Ice Sheet and Climate Interaction – Implications for Coastal Engineering (Bristol)
- Impact of Climate Change on the Socio-Ecology of Animals: Effects on Epidemic Disease Spread and Species Invasion (Bristol)
- Impacts of Grain Legume Research and Development in Developing Countries (CUHK)**
- Indigenous peoples, social sustainability and climate change mitigation: Responses to natural resource exploitation from the fourth world (Southampton)
- Indigenous Research Network (Sydney)
- Instructional models for MOOCs: State of the art and future developments (Maastricht)
- International Inflammation Network (in-FLAME) (UWA)
- Legumes as the hub of diversification and adaptation to climate change in Mediterranean agriculture (UWA)
- Lessons for Life: Innovating and Evaluating School Age Health Education Interventions for the Prevention and Control of NCDs (Southampton)
- Liveable University (Auckland)
- Media, Tobacco and Trade: Innovative Approaches to Reducing Non-Communicable Diseases in the Pacific (Auckland)
- Migration Policy, Welfare Boundary, Social Integration & Health-related Quality of Life of Children from Immigrant Families (CUHK)**
- Migration With and Without Children: Causes and Economic, Social and Psychological Consequences (CUHK)
- Multilingualism & Mobility in the Northern & Southern Hemispheres (Sheffield)
- Nanotechnology for Healthcare (Southampton)
- Navigating from Below: Patients Shaping Health Systems to Address NCDs (Sydney)
- Plant Systems: Adapting to Climate Change (UWA)
- Promoting wellbeing across borders: migration, social remittances and health (Sheffield)
- Putting New Paradigms into Practice: Transatlantic Lessons in Population Health Improvement (UWM)*
- The Pregnancy Exposome and Fetal Growth Restriction (Auckland)
- Reducing Inequality in Oral Health (UWA)
- Relative Sea Level, Ice Sheets and Isostasy (Bristol)
- Shaping Health Systems (Sydney and Leeds)
- Social remittances, health and well-being (Sheffield)**
- State and Society and the Uses of Culture in China (UWA)
- Study of Natural Health Product Adverse Reactions (SONAR): Active Surveillance of Adverse Events Following Concurrent Natural Health Products & Prescription Drug Use in the Chinese Community (CUHK)
- Sustainable Care: Connecting People and Systems (Sheffield)
- Understanding the impact of migration on health; synthesising the evidence, improving methods and reviewing current policies (Bristol)

* Projects lead by universities that has since left WUN
** 2016 RDF, to be used in 2017

<table>
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<tr>
<th>Participation on Global Challenge Steering Groups</th>
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<tr>
<td><strong>GHEAR</strong></td>
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<td><strong>Public Health</strong></td>
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<tr>
<td>Professor David Olson</td>
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<td><strong>RCC</strong></td>
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<td>Dr Stefan Scherer</td>
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<td><strong>U. Cultures</strong></td>
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<td>Professor Heather Zwicker</td>
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**Performance in RDF 2017**
Submitted 2 applications as lead, one was successful in this round.
Participated in 2 successful applications.
### Referreed Academic Publications

Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

| 6 |

Details of top three refereed publications as above.

### Funding Secured

**Total** amount of funding catalysed by WUN collaboration. **Only** include funding that has been awarded – do **NOT** include pending applications.

287400

**Details of top three external funding awards**

Canadian Institutes of Health Research, Wildfire Grant, "Intervention to improve the perinatal outcomes following the 2016 Alberta wildfires: administration, effectiveness and community implementation." CAD $500,000, 2017-19, Professor David Olson, University of Alberta

Note: OPERA applied unsuccessfully for $300,000, $5 million and $17 million for funds to hold OPERA meetings and initiate studies. Another letter of intent for $70 million is pending in early 2018.

### Conferences

**Total number of conferences of WUN research groups**

| 2 +1 (2018) |

**Details of top three conferences**

Scholarly events:

1) Dr. Olson met with Professor Felipe Vadillo-Ortega in Mexico City at UNAM to discuss OPERA regional meeting. Unfortunately grants to fund meeting were unsuccessful and the MC earthquake in September put meeting plans on hold.

2) Dr. Olson met in Edmonton with Wildfire team members and members of communities to develop study plans.

2018: inFLAME symposium in Canmore, Alberta, Canada

‘Unify Personal, Public and Planetary Health’

http://www.in-flame.org/2018-program.html

### Inbound and outbound mobility from/to WUN partners

**Total number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners**

Inbound from WUN partners: 8
Outbound to WUN partners: 7

**Details of top three mobility from/to WUN partners**

1) Ms. Xu Yanmin (UAlberta) visited for 4m CUHK
2) Dr Louise Pollard (USydney) visited UAlberta for discussions on indigenous affairs

### Policy Impact

**Total number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees**

**Details of top three incidences of policy impact as above**
### Interdisciplinary Research Groups engagement

Engaged in 43 IRGs / Leading 9 / 11 RCC / 10 GHEAR / 18 PH / 18 UC

*Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.*

#### Leading on (PI in brackets):

- The trans-nationalisation of indigenous movements: The role of digital technologies (Michael Myers) (RCC, UC)
- Assessing health literacy development in adolescents (Jacquie Bay)
- Widening Participation: “First in the Family” students succeeding in universities (Ema Wolfram-Foliaki) (GHEAR)
- Health Promoting Responses to Climate Change (Ralph Maddison)* (RCC/PH)
- sMathematics of NCDs: Understanding Failure of Cell Signalling (Hinke Osinga, Bernd Krauskopf)**
- Media, Tobacco and Trade: Innovative Approaches to Reducing NCDs in the Pacific (Judith McCool)**
- Ocean Eddies in a Changing Climate: Understanding the Impact on Coastal Climates (Andrew Jeffs) (RCC)**
- Pregnancy Exposome and Fetal Growth Restriction (Phillip Baker)**
- Comparative Analysis of International Refugee Resettlement International Law Obligations & Policy (Chris Mahony)**

* Program listed as recently completed in 2017
** Program listed by lead university as completed prior to 2017

#### Participating in (lead university in brackets):

- An Intersectional Exploration of Religion and Gender-Based Violence: A Case Study of Accra in Global Context (Ghana) (UC)
- Resilient Peace: Exploring resilient peace building actors, cultures and policy transfer in west African states (Bristol) (UC)
- Health Education Literacy and Mobility for Musicians: a global approach (UWA) (GHEAR/PH/UC)
- Impact of ocean warming and acidification on marine fish production (Sydney) (RCC)
- Communicating Good Health and Wellbeing: Promotion, Advocacy and Resilience (UWA) (PH/UC)
- Facilitating International Research Collaboration between economists working on the integration of Renewable Generation into Electricity Markets (Alberta) (RCC)
- Social Innovation and Elderly Care (Zhejiang) (PH/UC)
- Ancient Soils and Modern Land Use: A challenge for Critical Zone Science (Western Australia) (RCC)
- Building an Indian Ocean Archaeology Network (Western Australia)
- Challenges of access and equity: The Higher Education curriculum answers back (Sydney)
- Changing Coasts, Climate Change and Other Drivers (Southampton)
- Data Analysis with Privacy Protection for Epidemiological Research-DAPPER (Bristol)
- Establishment of a WUN Language Assessment Research Network (Zhejiang)
- Global initiative promoting meaningful engagement of people with advanced dementia ageing in supported living environments (Sydney)
Global Regionalisms, Governance and Higher Education (Bristol)
Healthy-Polis – Developing Urban Lifecourse Approaches in response to Climate Change (Bristol)
Ideas & Universities (Bristol)
In-Herit: The Role of Heritage in Ontological Security during Migration and Displacement (UMass)
Knowledge-Attitude-Practice (KAP) of caregivers in institutions of elder care in Zhejiang Province (Zhejiang)
Migration, Development and Global Transformations-MDGT (Bristol)
Mobilities through the life-course: globalisation, movement, transformation (Western Australia)
Non-market valuation of loss and damage under climate change (Western Australia)
Open WUN (Southampton)
Oral Health Science Network (Western Australia)
 Provision of health service and community care for the elderly: intergenerational roles and equity (Chinese University of Hong Kong)
Resilience in Young People (Cape Town)
Spatial Framework for Assessing Environmental Livelihood Security (Southampton)
Strengthening the Evidence Base for Public Health Action in Societies Under Transition through Development and Application of Advanced Methodologies (Leeds)
Sustainable Care: connecting people and systems (Sheffield)
Understanding Globalization- Margins and Peripheries (Cape Town)
Worldwide Challenge of English (Sheffield)
World-class Universities, Publication and Research Assessment: Rethinking the Mission of HE in the Global Age (Chinese University of Hong Kong)

Global Challenge Steering Group Representatives
GHEAR A/Prof Barbara Grant
Public Health Professor Ngaire Kerse, Ms Deborah McAllister
RCC Professor Andreas Neef
U. Cultures A/Prof Susanna Trnka
Performance in RDF 2017
Submitted 1 application as lead.
Participated in 7 successful applications.

Referred Academic Publications
Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

2

Details of top three referred publications as above.


Bay, J. L. (2017). Adolescent Participation in the DOHaD Story: Changing power relations through collaborative narrative to catalyse the potential of DOHaD for intergenerational change University of Auckland. URL: http://hdl.handle.net/2292/35515
**Funding Secured**

**Total amount of funding catalysed by WUN collaboration. Only** include funding that has been awarded – do **NOT** include pending applications.

Approx GBP 439,000

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<thead>
<tr>
<th>Details of top three external funding awards</th>
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<tbody>
<tr>
<td>Marine National Facility, Australia, Indian Ocean voyage, AUD $500,000, 2017, Professor Andrew Jeffs, University of Auckland</td>
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<tr>
<td>Australian Research Council, Australia, Integrated Fisheries Oceanography, AUD $200,000, 2017, Professor Andrew Jeffs, University of Auckland</td>
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<tr>
<td>Health Research Council of New Zealand; Pacific Career Development Award (Masters Scholarship); To investigate health-related behaviours of Rarotongan adolescents NZD$20,000 (approx GBP£10,000): Ms Heimata Herman, Dr Jacquie Bay, Prof Mark Vickers</td>
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<tr>
<td>Health Research Council of New Zealand; Pacific Career Development Award (Masters Scholarship); Evaluation of school-based partnership intervention to support NCD risk reduction at post development stage: experiences from Rarotonga, Cook Islands NZD$20,000 (approx GBP£10,000): Mrs Mayor Pokino, Dr Jacquie Bay, Prof Mark Vickers</td>
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<td>Total number of conferences of WUN research groups</td>
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<td>4</td>
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<tr>
<td>Details of top three conferences</td>
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<tr>
<td>3x workshops on lobster fisheries integrated management</td>
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<td>1 oceanographic/fisheries research cruise for 20 days</td>
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<th>Inbound and outbound mobility from/to WUN partners</th>
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<td>Total number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners</td>
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<td>Outbound 11</td>
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<td>Details of top three mobility from/to WUN partners</td>
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<th>Policy Impact</th>
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<td>Number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees</td>
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<tr>
<td>Details of top three incidences of policy impact as above</td>
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Department of Primary Industries, New South Wales, Australia
Interdisciplinary Research Groups engagement

Engaged in 21 IRGs / Leading 1 / 1 GHEAR / 9 PH / 5 RCC / 6 UC

Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.

Leading on (PI in brackets):
- Helminths and Allergy in South-Africa and Northern Europe (Cecilie Svanes)
- Developing compatible energy and climate strategies (Håvard Haarstad)*
- Bridging Health Promotion and Sustainability Science: Transition to the Green Economy (Maurice Mittemark)**
- Global Public Health Justice: The Ethics of Research for Public Health (Reidar Lie)**

* Program listed as recently completed in 2017
** Program listed by lead university as completed prior to 2017

Participating in (lead university in brackets):
- Impact of ocean warming and acidification on marine fish production (Sydney) (RCC)
- Social innovation and elderly care (Zhejiang) (PH/UC)
- Adopting REDD+ for Conservation, Sustainable Community Livelihood and Climate Change Mitigation (Chinese University of Hong Kong)
- CARMEN-Co-operative for Advancement of Research through Medieval European Network (York)
- Climate Change: Understanding Systemic Shocks in Integrated Infrastructures (Sheffield)
- Early Life Opportunities for Prevention of NCDs in Developing Countries (Southampton)
- Economics (Maastricht)
- Global Africa Group (Cape Town)
- Global China Group (led centrally)
- Health Literacy Network (Sydney)
- Immune Responses Underlying COPD Pathology (Cape Town)
- Impact of Ocean Warming and Acidification on Marine Fish Production (Sydney)
- International Inflammation Network (in-FLAME) (Western Australia)
- Global Patterns of Climate Adaption in Kelps (Western Australia)
- Ideas & Universities (Bristol)
- Migration, Development and Global Transformations-MDGT (Bristol)
- OPERA – Optimal Pregnancy Environment Risk Assessment (Alberta)
- Provision of health service and community care for the elderly: intergenerational roles and equity (Chinese University of Hong Kong)
- Social Innovation and Elderly Care (Zhejiang)
- Transformative Justice Network (Leeds & York)
- Arctic Environments: Vulnerabilities and Opportunities-AEVO (Leeds)**
- Assessing health literacy development in adolescents (Auckland)**
- Characterising Space Radiation & its Impact on Climate Change (Alberta)**
- Global Health Justice Network (Bristol)**
- HOME – Health Outcomes of Migration Events (Bristol)**
- Ice Sheet and Climate Interaction - Implications for Coastal Engineering (Bristol)**
- Mobilities through the life-course: globalisation, movement, transformation (Western Australia)**
- Ocean Acidification (Western Australia)**
- Relative Sea Level, Ice Sheets and Isostasy (Bristol)**

** Program listed by lead university as completed prior to 2017

Global Challenge Steering Group Representatives

GHEAR  Professor Tor Halvorsen (expert)
Public Health  Professor Anne Christine Johannessen (Chair until 1st October 2017),
Mr Bjørn Erik Andersen (Coordinator and PH group Secretary until 1st October 2017)
RCC  Professor Tore Furevik (expert)
U. Cultures  Dr Tore Sætersdal (Chair),
Mr Bjørn Erik Andersen (Coordinator/UC group Secretary)

Performance in RDF 2017
Submitted 1 application as lead.
Participated in 2 successful applications.
Referreed Academic Publications
Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

15

Details of top three referred publications as above.

Funding Secured
Total amount of funding catalysed by WUN collaboration. Only include funding that has been awarded – do NOT include pending applications.

40 million NOK (= 3.7 mill GBP)

Details of top three external funding awards
1. Research Council of Norway, FRIPRO TOPPFORSK (top researcher programme), “Preconception exposures and related epigenetic mechanisms in asthma and allergies”, 25 million NOK (2.3 mill GBP), Professor Cecilie Svanes, University of Bergen (in collaboration with other WUN project researchers)
2. Research Council of Norway, “Oral and Environmental Microbiome, Endotoxin and Lung Health: the “United Airways” concept extended”, 15 million NOK (1.4 mill GBP), Dr Randi J Bertelsen, University of Bergen (in collaboration with other WUN project researchers from Bergen, Estonia and Denmark)

Conferences
Total number of conferences of WUN research groups

3

Details of top three conferences
1. Risks for asthma and allergies across generations; 7th annual RHINESSA conference/ALEC WP2. Hosted by the University of Bergen, May 31st – 2nd June 2017. About 40 academics from across the network and the Advisory Board attended and presented analyses.
2. WUN Global Africa Group – Inaugural strategic research workshop. Hosted by the University of Ghana, 8-9 June 2017. The workshop brought together 60 researchers from WUN partners, of which 4 researchers represented the University of Bergen. Purpose of the workshop was to form project teams to take collaborative projects towards seed and larger grant funding opportunities. Another key outcome of the workshop was the collaborative book project on “Africa and the Sustainable Development Goals”.
3. Exploring causes for asthma and allergy (and other health outcomes) before conception and in previous generations: RHINESSA workshop on chemical exposures and effects across generations. Hosted by the University of Bergen, 6-8 February 2018. The workshop gathered 30-40 scientists, world-leading experts and young researchers, mostly from Europe. A special WUN session was organized at the workshop where WUN Chief Executive John Hearn was invited to give a talk about “Knowledge and politics: the science-policy interface”.

Inbound and outbound mobility from/to WUN partners
Number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners

Inbound mobility to Bergen from WUN partners: 3
Outbound mobility from Bergen to WUN partners: 0

Details of top three mobility from/to WUN partners
Inbound mobility to Bergen from WUN partners:
1. Kyle Myers, PhD student, University of Southampton, September-December 2017 (3 months).
   “Molecular characterization of ciliate grazing”.
   Bergen host academic: Prof Gunnar Bratbak
2. Simon Oldfield, PhD student, University of Leeds, August-
September 2017 (1.5 months).
“Spatial distribution of uncertainty in seismic interpretations”.
Bergen host academic: Associate professor Isabelle Lecomte

3. Faisal Rezwan, Postdoctor, University of Southampton, January 2018 (1 month)
“Effect of paternal smoking on offspring methylation and its long-term effect on offspring health”.
Bergen host academic: Prof Cecilie Svanes

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The University of Bergen is taking a lead to put the 17 UN Sustainable Development Goals (SDG) on the agenda for research, education and innovation in order to deliver knowledge and input to politicians, government officials, NGOs and industry on how universities can contribute towards the implementation of the SDGs.

On the 8th-9th February 2018 the University of Bergen was organizing a major conference on the role of Norwegian universities in relation to the UN SDGs. The conference – “Knowledge for our common future: Norwegian universities and the Sustainable Development Goals” – gathered more than 300 participants from Norway and abroad representing universities, research and innovation centers, research council, industry, NGOs, student organisations, international organisations, university networks etc.

Five plenary sessions, a special event on SDG 14: Universities and the Future of the Ocean, and 10 parallel workshops illuminated opportunities for innovation in research practice, collaboration, and the design of higher education curricula. Several distinguished national and international plenary speakers were invited to give a talk at the conference and to sit in the five plenary panels.

Among the plenary speakers were the Prime Minister, the Minister of International Development and the Minister of Higher Education and Research from the Government of Norway, the Secretary General of UNCTAD, the Chief of policy and analysis branch in UN-DESA, several members of the group of eminent scientists and experts to prepare the UN Global Sustainable Development Reports, the Chair and the Secretary General of International Association of Universities, the Chief Executive of Worldwide Universities Network (WUN) and more.

As a follow-up from the conference, the University of Bergen has now established a permanent steering group – SDG Bergen – headed by the Vice Rector for Global Relations. SDG Bergen will be a driving force for the work with the SDGs at the University of Bergen and with our partners home and abroad. SDG Bergen will also be responsible for a national coordination of Norwegian universities work with the SDGs and the next year’s SDG Conference in tandem with the Ministry of Foreign Affairs and the Ministry of Higher Education and Research, and other stakeholders.
INSTITUTIONAL IMPACT REPORT 2017  
UNIVERSITY OF BRISTOL

Partnership Board  
Professor Hugh Brady, Vice-Chancellor  
AAG  
Professor Nishan Canagarajah, Pro-Vice-Chancellor  
Coordinator  
Dr Susan Jim  
Member since  
2000  
THE Ranking  
76 (2018), 71 (2017)  
QS Ranking  
44 (2017), 41 (2016)  
ARWU Ranking  
61 (2017), 101-150 (2016)

Interdisciplinary Research Groups engagement
Engaged in 49 IRGs / Leading 7 / 1 RCC / 0 GHEAR / 5 PH / 4 UC

Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.

Leading on (PI in brackets):
- Resilient Peace: Exploring resilient peacebuilding actors, cultures and policy transfer in West Africa (Ana E. Juncos) (UC)
- Global farm platforms for optimisation of grazing livestock productions systems (Mark Eisler)
- Migration, development and global transformations (Ann Singleton)
- New insights into the transmission of Angiostrongylus lungworms by gastropods under climate change: a comparative approach (Eric Morgan)
- Pedestrian pathways in the healthy city (Ralph Pite)
- Resilient Peace: Exploring resilient peacebuilding actors, cultures and policy transfer in West Africa (Ana E Juncos García)
- Health outcomes of migration events (HOME; Yoav Ben-Shlomo)
- Data analysis with privacy protection for epidemiological research (DAPPER; Paul Burton)*
- Global health justice network (Oliver Quick)**
- Global regionalisms, governance and higher education (Susan Robertson)**
- Ideas and universities (Ian Wei)**
- Healthy-Polis: Developing urban lifecourse approaches in response to climate change (Clive Sabel)**
- Impact of climate change on the socio-ecology of animals: Effects on epidemic disease spread and species invasion (Luca Giuggioli)**
- Language assessment research network (LARN; Guoxing Yu)**
- Responding and adapting to climate change: Recognizing and managing uncertainty in the physical, social and public spheres (Stephan Lewandowsky)**

* Program listed as recently completed in 2017
** Program listed by lead university as completed prior to 2017

Participating in (Co-I in brackets):
- African Solutions to African Problems- Translating Indigenous Systems, Plants and Microbial Biodiversity into Drug Candidates for Neglected Tropical Diseases (Ghana) (PH)
- Social innovation and elderly care (Zhejiang) (PH/UC)
- African solutions to African problems: Translating indigenous systems, plants and microbial biodiversity into drug candidates for neglected tropical diseases (Adrian Flint)
- Air sensors everywhere (Kasia Kordas)
- Assessing health literacy development in adolescents (Anthony Feiler)
- CARMEN: Co-operative for the Advancement of Research through a Medieval European Network (Ad Putter)
- Challenges of access and equity: the Higher Education Curriculum Answers Back (Lisa Lucas & Sheila Trahar)
- Changing Coasts, Climate Change and Other Drivers (Mark Siddall)
- Critical Zone & Soils Science Consortium (Vala Ragnarsdottir)
- Economics Cross-cutting theme (Sarah Smith)
- Data Diplomacy: Political and Social Dimensions of Data Collection and Sharing (Paul Burton, Simon Price)
- Early Life Opportunities for Prevention of Non-communicable Disease in Developing Countries (Yoav Ben-Shlomo, Alan Emond)
- Global Africa Group (Rachael Gooberman-Hill, Celia Gregson)
- Global China Group (Yongjin Zhang)
- Global Public Health Justice: The Ethics of Research for Public Health (Ruud ter Meulen)
- Health Literacy Network (Anthony Feiler)
- Health Promoting Responses to Climate Change (Anne Haase)
- Building an Indian Ocean Archaeology Network (Mark Horton)
- Legumes as the Hub of Diversification and Adaptation to Climate Change in Mediterranean Agriculture (Simon Hiscock)
- Mathematics of NCDs: Understanding Failure of Cell Signalling (Krasimira Tsaneva-Atanasova, Andrew Randall and Rafal Bogacz)
- Migration Policy, Welfare Boundary, Social Integration & Health-related Quality of Life of Children from Immigrant Families (Alan Emond)
- Multilingualism and Mobility in the Northern and Southern Hemispheres (Nils Langer)
- ‘Precarious’ migrants, access to social support and wellbeing in global cities (David Manley)
- Promoting wellbeing across borders: migration, social remittances and health (Sebnem Eroglu-Hawksworth)
- Reducing Inequality in Oral Health (Kate Tilling)
- Resilience in young people (Alan Emond)
- Social innovation and elderly care (Helen Manchester, Ann Singleton)
- Stomata: Sensors of climate change (Alistair Hetherington)
- Romantic China: Cultural Relations between China and the West in the Later Qi Period, 1793-1850 (Robert Bickers)
- Spintronics (Walther Schwarzacher)
- Study of the role of governing boards in African higher education institutions (Chinyere Uche)
- World-class Universities, Publication and Research Assessment: Rethinking the Mission of Higher Education in the Global Age (Susan Robertson)
- Worldwide Challenge of English (Guoxing Yu)

### Global Challenge Steering Group Representatives

<table>
<thead>
<tr>
<th>GHEAR</th>
<th>Dr Sue Timmis, Dr Susan Jim</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Health</td>
<td>Professor Yoav Ben-Shlomo, Professor Andy Ness, Dr Susan Jim</td>
</tr>
<tr>
<td>RCC</td>
<td>Professor Mark Eisler</td>
</tr>
<tr>
<td>U. Cultures</td>
<td>Ms Ann Singleton (Vice Chair), Dr Susan Jim</td>
</tr>
</tbody>
</table>

### Regional Group Steering Group Representatives

<table>
<thead>
<tr>
<th>Global Africa Group</th>
<th>Professor Rachael Gooberman-Hill, Dr Celia Gregson, Dr Susan Jim</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global China Group</td>
<td>Professor Yongjin Zhang</td>
</tr>
<tr>
<td>Global Policy Group</td>
<td>tbc</td>
</tr>
</tbody>
</table>

### Performance in RDF 2017

Submitted 2 applications as lead, 1 was successful. Participated in 2 other successful applications.
Refereed Academic Publications

Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

10 publications.

Details of top three refereed publications as above.

Health Outcomes of Migration Events


Migration, Development and Global Transformations


Funding Secured

Total amount of funding catalysed by WUN collaboration. Only include funding that has been awarded – do NOT include pending applications.

£4,038,784 (6 external grants).

Details of top three external funding awards

Global Farm Platform


3. Biotechnology and Biological Sciences Research Council, India Partnering Award, UK. Health and Welfare Consequences of Maladaptation of High-Producing Cross-Bred Dairy Cattle to Environmental Stressors in India, £69K, 2017, John Tarleton (PI) and Mark Eisler (co-I), University of Bristol; and TP Sethumadhavan (co-I), Kerala Veterinary and Animal Sciences University, India.

Conferences

Total number of conferences of WUN research groups

4 conferences / workshops.

Details of top three conferences


2. Livestock Sustainability and Global Challenges Workshop, 18-20 September 2017, University of Bristol (Global Farm Platform, Mark Eisler, Michael Lee, John Tarleton).

### Inbound and outbound mobility from/to WUN partners

<table>
<thead>
<tr>
<th>Total number of inbound mobility from WUN partners</th>
<th>Number of outbound mobility from WUN partners</th>
</tr>
</thead>
</table>

**Inbound Total: 28** (minimum; number of RMP visitors not accounted for)
- 21 UG - Student Exchange Programme, International Office (Rochester = 8, Sydney = 10, Western Australia = 11)
- 2 PGR and 1 Staff – UoB-CUHK PG Student and Staff Exchange Scheme
- 4 Staff – UoB Benjamin Meaker Visiting Professorship scheme

**Outbound Total: 37**
- 6 PGR and 4 Staff - Research Mobility Programme
- 20 UG - Study Abroad Programme, International Office (Rochester = 4, Sydney = 3, Western Australia = 13)
- 8 UG - Auckland Summer Research Scholarships
- 3 PGT (MSc Students) to UWA

### Details of top three mobility to WUN partners (outbound)

1. Ten Research Mobility Programme awards for visits to Auckland = 2, Bergen = 1, CUHK = 3, Sydney = 3, UWA = 1.
2. Eight undergraduates awarded Northern Hemisphere Summer Research Scholarships at the University of Auckland.
3. Three Masters students elected to carry out their research projects, 10 week placements at the Centre of Excellence in Natural Resource Management, University of Western Australia, as part of their MSc in Global Wildlife Health and Conservation.

In addition, inaugural International Organization for Migration Global Migration Data Analysis Centre (IOM GMDAC) -WUN Research Student Internship was awarded to UoB PhD student, Nina Zhang (Policy Studies) who spent 4 weeks at IOM GMDAC, Berlin, Germany, October-November 2017.

### Policy Impact

Total number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees

3 incidences.

### Details of top three incidences of policy impact as above

All for Ann Singleton, Migration, Development and Global Transformations:

1. International Organization for Migration–Organisation for Economic Co-operation and Development–United Nations Department of Economic and Social Affairs (IOM-OECD-UN DESA)
   - Member of the Advisory Board for the International Forum on Migration Statistics, 2017-2018.
2. IOM Global Migration Data Analysis Centre-German Ministry of Foreign Affairs
   - Presentation at the launch of the Migration Data Portal, December 2017.
3. United Nations Department of Economic and Social Affairs (UN DESA)
   - Liaison with Bela Hovy (Chief of the Migration Section, Population Division) and Keiko Osaki-Tomita (Chief, Demographic and Social Statistics Branch, Statistics Division) and their inclusion in the WUN AGM, 3-5 May 2017, New York.
Partnership Board  
Professor Rocky S. Tuan, Vice-Chancellor & President

AAG 
Professor Fanny Cheung, Pro-Vice-Chancellor 

Coordinator 
Ms Shally Fan, Director of Academic Links 

Member since 
2011 

THE Ranking 
58 (2018), 76 (2017) 

QS Ranking 
46 (2018), 44 (2017) 

ARWU Ranking 
151-200 (2017), 201-300 (2016) 

Interdisciplinary Research Groups engagement 
Engaged in 49 IRGs / Leading 11 / 10 RCC / 17 PH / 2 GHEAR / 10 UC / 11 Cross GCs 

Note: Programs on the list are retained for five years from completion to capture ongoing outcomes. 

Leading on (PI in brackets): 

- Wind or Solar? The Political Economy of Fuel Competition between Renewables (Yuan Xu) (RCC) 
- Adopting REDD+ for Conservation, Sustainable Community Livelihood & Climate Change Mitigation (Lawal M. Marafa) 
- Impacts of Future Climate & Land Use Changes on Public Health & Food Security in Sub-Saharan Africa & South East Asia (Amos Tai) 
- Impacts of Grain Legume Research & Development in Developing Countries (Hon-Ming Lam) 
- Labour Market Outcomes Among Highly-Skilled Immigrants & Return Migrants: The Role of Place of Education (Yuying Tong) 
- Managing the Globalization of Water Services in a World Affected by Climate Change: Regulatory & Economic Challenges (Julien Chaisse) 
- Migration Policy, Welfare Boundary, Social Integration & Health-related Quality of Life of Children from Immigrant Families (Joseph T.F. Lau & Qiaobing Wu) 
- Migration With & Without Children: Causes & Economic, Social & Psychological Consequences (Junsen Zhang) 
- Provision of Health Service & Community Care for the Elderly: Intergenerational Roles & Equity (Eliza Lai-yi Wong) 
- Romantic China: Cultural Revolution between China & the West in the Later Qing Period, 1793-1850 (Simon Haines) 
- Wind or Solar? The Political Economy of Fuel Competition between Renewables (Yuan Xu) 

Participating in (lead university in brackets): 

- The Role of Big Data in Addressing the Determinants of Non-communicable Diseases in the Ageing Era (Sydney) (PH) 
- Marriage Migrants in Asia (NCKU) (UC) 
- Communicating Good Health and Wellbeing: Promotion, Advocacy and Resilience (UWA) (PH/UC) 
- The effectiveness of health service/investment interventions aimed at reducing inequalities in health among older people in China: a longitudinal study (Southampton) (PH) 
- Assessment & Intervention Technologies for the Movement Ability of older Adult - Cross Country Study (Zhejiang) 
- China’s Growth Transition: Challenges & Global Adjustments (Sydney) 

1 The project was originally led by Prof. Qiaobing Wu but she left CUHK in July 2017. She now co-leads the project with Prof. Joseph T.F. Lau.
- Collaborative Care for Dementia in Rural China Primary Care (Zhejiang)
- Communicating Good Health & Wellbeing: Promotion, Advocacy & Resilience (Western Australia)
- Data Analysis with Primary Protection for Epidemiology Research (Bristol)
- Developing Compatible Energy & Climate Strategies (Bergen)
- Early Life Opportunities for Prevention of Non-Communicable Disease in Developing Countries (Southampton)
- Economics Cross-Cutting Theme (Maastricht)
- Enhancing Food Security Through Urban Agriculture (Alberta)
- Global China Group (WUN Secretariat)
- Health Literacy Network (Sydney)
- Health Promoting Responses to Climate Change (Auckland)
- Healthy-Polis – Developing Urban Lifecourse Approaches in response to Climate Change (Bristol)
- Hidden Voices: Exploring the health experiences of children who migrate (Sheffield)
- Himalayan Climate Challenge: Debris Covered Glacier Response, Water Availability, Biodiversity & Ecosystem Response (Alberta)
- HOME – Healthy Outcomes of Migration Events (Bristol)
- Indigenous Research Network (Sydney)
- In-FLAME: International Inflammation Network (Western Australia)
- In-Herit: The Role of Heritage in Ontological Security during Migration & Displacement (UMass)
- Language Assessment Research Network (Zhejiang)
- Legumes as the Hub of Diversification & Adaptation to Climate Change in Mediterranean Agriculture (Western Australia)
- Marriage Migrants in Asia (NCKU)
- Migration, Development & Global Transformations MDGT (Bristol)
- Mobility & Higher Education (Maastricht)
- Negotiating Transition to a “Grown Up World”: The Journey to Sexual & Reproductive Health for Unaccompanied Adolescent Asylum Seekers (Southampton)
- Open WUN (Southampton)
- OPERA - Optimal Pregnancy Environment Risk Assessment (Alberta)
- Resilience in Young People & Service Providers (Cape Town)
- Schools as a Setting for Reducing Risk Factors for NCDs (Auckland)
- The effectiveness of health service/investment interventions aimed at reducing inequalities in health among older people in China: a longitudinal study (Southampton)
- The Role of Big Data in Addressing the Determines of Non-communicable Diseases in the Ageing Era. A Digital Health Alliance from WUN (Sydney)
- The Worldwide Challenge of English (Sheffield)
- Transcultural Understanding of Designing with Climate Change: A Joint Design Research Studio Approach (Sheffield)
- Web Observatory Project (Southampton)

**Global Challenge Steering Group Representatives**

<table>
<thead>
<tr>
<th>GHEAR</th>
<th>Professor Joseph Sung &amp; Ms Shally Fan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Health</td>
<td>Prof. Sian Griffiths, Special Adviser (International Academic Development) – retired</td>
</tr>
<tr>
<td>RCC</td>
<td>Professor Lawal Marafa, Associate Professor, Department of Geography &amp; Resource Management</td>
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<tr>
<td>U. Cultures</td>
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</tbody>
</table>

**Performance in RDF 2017**
Submitted two applications as lead, one was selected.
Participated in four successful applications.
## Refereed Academic Publications

Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

<table>
<thead>
<tr>
<th>Number</th>
<th>Details</th>
</tr>
</thead>
</table>
  - **Prof. Hon-ming Lam**, School of Life Sciences, leads the “Impacts of Grain Legume Research & Development in Developing Countries” RDF project awarded in 2016
  - **Prof. Lawal M. Marafa**, Department of Geography & Resource Management, leads the “Adopting REDD+ for Conservation, Sustainable Community Livelihood & Climate Change Mitigation” RDF project awarded in 2012
  - **Prof. Amos Tai**, Earth System Science Programme, leads the “Impacts of Future Climate & Land Use Changes on Public Health & Food Security in Sub-Saharan Africa & Southeast Asia” RDF project awarded in 2015

Please note that there will be a forthcoming publication from **Prof. Yuying Tong**, Department of Sociology, who leads the “Labour Market Outcomes Among Highly-Skilled Immigrants & Return Migrants: The Role of Place of Education” RDF project awarded in 2014:


## Funding Secured

Total amount of funding catalysed by WUN collaboration. **Only** include funding that has been awarded — do **NOT** include pending applications.

<table>
<thead>
<tr>
<th>Amount</th>
<th>Details</th>
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</table>
| £2,550,120 | - HK$28.12m (£2,542,937) awarded by the Hong Kong Jockey Club Charities Trust for the “Intergenerational Healthy Aging Programme” led by **Prof. Eliza Lai- yi Wong**, The Jockey Club School of Public Health & Primary Care, CUHK
  - Prof. Wong leads the “ Provision of Health Service & Community Care for the Elderly: Intergenerational Roles & Equity” RDF project awarded in 2015
|     | - Event sponsorship of HK$80,000 (£7,183) provided by Vitasoy International Limited and Bio-Rad Pacific Ltd. for **Prof. Hon-ming Lam**’s WUN International Symposium cum Research Summit on Impacts of Grain Legume Research & Development in Developing Countries, CUHK, 8-17 June 2017 (see below section for more details) |

## Conferences

Total number of conferences of WUN research groups

<table>
<thead>
<tr>
<th>Number</th>
<th>Details</th>
</tr>
</thead>
</table>
| 8     | - WUN International Symposium cum Research Summit on Impacts of Grain Legume Research & Development in Developing Countries, CUHK, 8-17 June 2017
  - Organized as part of the “Impacts of Grain Legume Research & Development in Developing Countries” RDF project led by **Prof. Hon-ming Lam**, School of Life Sciences awarded in 2016
  - Over 100 participants from 37 universities on 6 continents
|     | - WUN RDF Research Group Workshop, CUHK, 9-10 June 2017
  - Organized as part of the “Migration Policy, Welfare Boundary, Social Integration & Health-related Quality of Life of Children from Immigrant Families” co-led by **Prof. Joseph T.F. Lau**, The Jockey Club School of Public Health & Primary Care, CUHK and **Prof. Qiaobing Wu**, Department of Applied Social Sciences, The Hong Kong Polytechnic University awarded in 2016 (Prof. Wu was with CUHK when she was awarded in 2016)
  - 8 members of the research group attended and presented their research outputs from this project at the workshop. |
   - Organized as part of the “Impacts of Future Climate & Land Use Changes on Public Health & Food Security in Sub-Saharan Africa & Southeast Asia” RDF project led by Prof. Amos Tai, Earth System Science Programme awarded in 2015
   Over 50 international participants, including 5 speakers (2 from WUN) who gave lectures and presentations on the frontiers of atmosphere-biosphere modelling

<table>
<thead>
<tr>
<th>Inbound and outbound mobility from/to WUN partners</th>
<th>Number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Inbound PhD students: 10</td>
<td>• Inbound faculty members: 11</td>
</tr>
<tr>
<td>• Inbound faculty members: 11</td>
<td>• Outbound CUHK PhD students: 6</td>
</tr>
<tr>
<td>• Outbound CUHK faculty members: 12</td>
<td>• Outbound CUHK faculty members: 12</td>
</tr>
</tbody>
</table>

Details of top three mobility from/to WUN partners
1. The University of Sydney (16 visits)
2. University of York (5 visits)
3. University of Alberta (5 visits)

Policy Impact

<table>
<thead>
<tr>
<th>Number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
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</tbody>
</table>

Details of top three incidences of policy impact as above
--
Interdisciplinary Research Groups engagement

Engaged in 25 IRGs / Leading 3 / 8 RCC / 6 GHEAR / 9 PH / 11 UC

Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.

Leading on (PI in brackets):

- An Intersectional Exploration of Religion and Gender-Based Violence: A Case Study of Accra in Global Context (George Ossom-Batsa) (UC)
- African Solutions to African Problems - Translating Indigenous Systems, Plants and Microbial Biodiversity into Drug Candidates for Africa’s Indigenous Diseases (Dr. Dorcas Osei-Safo)
- Heritage Forts and Castles and Coastal Cultures of Ghana (Kodzo Gavua)

Participating in (lead university in brackets):

- Resilient Peace Actors: Exploring Peace-building Cultures and Policy Transfer in West African States (Bristol) (UC)
- Communicating Good Health and Wellbeing: Promotion, Advocacy and Resilience (UWA) (PH/UC)
- “The Belt and Road” Green Development: International Culture, Climate Change, Energy Investment and Environmental Protection (Renmin) (GHEAR/PH/UC/RCC)
- Food (In)security and Participatory Approaches to Disaster Risk Reduction and Development: Creating appropriate Community-driven Technologies (Bristol)
- The Role of China on African Agriculture: Seeking Food Security, Poverty Alleviation & Rural Development (CUHK)
- Air Sensors Everywhere (UMass)
- Adopting REDD+ for Conservation, Sustainable Community Livelihood and Climate Change Mitigation (Chinese University of Hong Kong)
- A study of the role of governing boards in African higher education institutions (Southampton)
- Building sustainable mountain systems in sub-Saharan Africa: assessing the linkages between communities, ecosystem services, environment and health (York)
- Community of Learning for African PhD fellows (Maastricht)
- Enhancing Food Security Through Urban Agriculture (Alberta)
- Exchanging mobility for intensification modes of livestock production in African pastoral systems; trade-offs and challenges for pastoralists’ climate change adaptive capacity. (Basel)
- Global Africa Group (WUN Secretariat)
- Hidden Voices: Exploring the health experiences of children who migrate (Sheffield)
- Mobility and Higher Education (Maastricht)
- Mpower: Empowering mothers for health (UMass)
- New insights into the transmission of Angiostrongylus lungworms by gastropods under climate change: a comparative approach (Bristol)
- Non-market valuation of loss and damage under climate change (Western Australia)
- Open WUN (Southampton)
- Promoting wellbeing across borders: migration, social remittances and health (Sheffield)
- Shaping Health Systems (Sydney)
- Web Observatory Project (Southampton)

<table>
<thead>
<tr>
<th>Participation on Global Challenge Steering Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHEAR</td>
</tr>
<tr>
<td>Public Health</td>
</tr>
<tr>
<td>RCC</td>
</tr>
<tr>
<td>U. Cultures</td>
</tr>
</tbody>
</table>

**Performance in RDF 2017**

Submitted 3 applications as lead.
Participated in 3 successful applications.
### Refereed Academic Publications

Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

Two (2)

Details of top three refereed publications as above.

GAG SDG Book Chapter Project (UG has two chapters)

### Funding Secured

Total amount of funding catalysed by WUN collaboration. **Only** include funding that has been awarded – do **NOT** include pending applications.

£20,950

Details of top three external funding awards

Still underway and applying to various funders

### Conferences

Total number of conferences of WUN research groups

Three

Details of top three conferences

- GAG Workshop in Accra
- GAG Book Chapter Workshop in Cape Town
- Heritage Forts and Castles and Coastal Cultures Workshop in Accra

### Inbound and outbound mobility from/to WUN partners

Total number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners

56 staff and students visited UG

Details of top three mobility from/to WUN partners

- GAG Workshop in Accra (40 inbound)
- Heritage Forts and Castles and Coastal Cultures Workshop in Accra (15 inbound)
- Sally Osei-Appiah, a PhD student from University of Leeds was hosted for three (3) weeks by the School of Information Communication Studies under the WUM RMP in September 2017

### Policy Impact

Total number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees

Three (3)

Details of top three incidences of policy impact as above

The GAG workshop in Accra invited and interacted with policy makers and government officials including the Australian Ambassador to Ghana
INSTITUTIONAL IMPACT REPORT 2017
UNIVERSITY OF LEEDS

Partnership Board
Sir Alan Langlands, Vice-Chancellor
AAG
Professor David Hogg, Pro-Vice-Chancellor (Research & Innovation), AAG Chair,
Professor Lisa Roberts
Coordinator
Ms Anna Lewandowska
Member since
2000
THE Ranking
139 (2018), 133 (2017)
QS Ranking
101 (2017), 93 (2016)
ARWU Ranking

Interdisciplinary Research Groups Engagement
Engaged in 25 IRGs / Leading 1 / 11 RCC / 1 GHEAR / 8 PH / 5 UC

Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.

Leading on (PI in brackets):
- Healthy Kitchens: Healthy Cities (Helen Elsey)
- Structural Reinforcement of Inequality - Residential Mobility and the Long Term Effects of Transport Infrastructure (Frances Drake) – Frances Drake no longer involved*
- ACCWA - Adapting to Climate Change for Water Adaptation (Joe Holden)**

* Program listed as recently completed in 2017
** Program listed by lead university as completed prior to 2017

Participating in (lead university in brackets):
- The Role of Big Data in Addressing the Determinants of Non-communicable Diseases in the Ageing Era (Sydney) (PH)
- Resilient Peace: Exploring resilient peacebuilding actors, cultures and policy transfer in West Africa (Bristol) (UC)
- An Intersectional Exploration of Religion and Gender-Based Violence: A Case Study of Accra in Global Context (Ghana) (UC)
- Wind or Solar? The Political Economy of Fuel Competition between Renewables (CHUK) (RCC)
- Social innovation and elderly care (Zhejiang) (PH/UC)
- Climate change: Understanding Systemic Shocks in Integrated Infrastructures (Sheffield)
- Climate Resilient Open Partnership for Food Security - CROP-FS (UMass)
- Developing and Researching the Economics and Mathematics of Selection (DREAMS): Global Perspectives (York)
- Developing compatible energy and climate strategies (Bergen)
- Economics Cross-Cutting Theme (Maastricht)
- Enhancing Food Security through Urban Agriculture (Alberta)
- Exchanging mobility for intensification modes of livestock production in African pastoral systems: trade-offs and challenges for pastoralists’ climate change adaptive capacity
- Global Farm Platforms for Optimisation of Grazing Livestock Productions Systems (Bristol)
- Himalayan Climate Change: Debris Covered Glacier Response, Water Availability, Biodiversity and Ecosystem Response (Alberta)
- Impacts of future climate and land use changes on public health and food security in Sub-Saharan Africa and South East Asia (Chinese University of Hong Kong)
- Impacts of Grain Legume Research and Development in Developing Countries (Chinese University of Hong Kong)
- In-Herit: The Role of Heritage in Ontological Security during Migration and Displacement (UMass)
- Legumes as the Hub of Diversification and Adaptation to Climate Change in Mediterranean Agriculture (Western Australia)
- Managing the Globalization of Water Services in a World Affected by Climate Change: Regulatory and Economic Challenges (Chinese University of Hong Kong)
- New insights into the transmission of Angiostrongylus lungworms by gastropods under climate change: a comparative approach (Bristol)
- Resilient Pasts and Sustainable Futures? Designing Socially Significant Scenarios (York)
- Responding and Adapting to Climate Change: Recognizing and Managing Uncertainty in the Physical, Social and Public Spheres
- Weathering Science Consortium
- Dementia Prevalence and Impact in Low Income Areas in South Africa (Cape Town)
- Global Health Justice Network (Bristol)
- Health Promoting Responses to Climate Change (Auckland)
- Negotiating Transition to a ‘Grown Up World’: the Journey to Sexual and Reproductive Health for Unaccompanied Adolescent Asylum Seekers (Southampton)
- OPERA - Optimal Pregnancy Environment Risk Assessment (Alberta)
- Pedestrian Pathways in the Healthy City (Bristol)
- Scoping Survey of Autism Support and Resources: Social Integration of Diagnosis, Healthcare and Support Systems (Chinese University of Hong Kong)
- Supporting Patients to Make Best Use of Their Medicines (Sydney)
- Addressing Multiple Forms of Migrant Precarity – Beyond “Management” of Migration to an Integrated Rights-Based Approach (Sydney)
- Global Social Initiative on Ageing (Alberta)
- Migration, Development and Global Transformations - MDGT (Bristol)
- Multilingualism & Mobility in the Northern & Southern Hemispheres (Sheffield)
- Networking Young Citizens (York)
- Older Workers & Caregiving (Alberta)
- Romantic China: Cultural Relations between China and the West in the Later Qi Period, 1793-1850 (Sydney)
- Spintronics (York)
- An Intersectional Exploration of Religion and Gender-Based Violence: A Case Study of Accra in Global Context (Ghana)
- Wind or Solar? The Choice of Renewable Energy Technologies (CUHK)
- The Role of Big Data in Addressing the Determinants of Non-communicable Diseases in the Ageing Era (Sydney)
- Resilient peace actors: exploring peacebuilding cultures and policy transfer in west African states (Bristol)
- Social innovation and elderly care (Zhejiang)

### Participation on Global Challenge Steering Groups
- **GHEAR** Professor Caroline Dyer
- **Public Health**
- **RCC**
- **U. Cultures** Professor Frank Finley

**Performance in RDF 2017**
Submitted 0 applications as lead.
Participated in 5 successful applications.
### Referreed Academic Publications

Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

16

### Details of top three referred publications.

1) Book: “Environmental Pollution and the Media: Political Discourses of Risk and Responsibility in Australia, China and Japan”, Glenn D. Hook, Libby Lester, Meng Ji, Kingsley Edney (Leeds) and Chris G. Pope, Routledge, 2017


### Funding Secured

Total amount of funding catalysed by WUN collaboration. **Only** include funding that has been awarded – do NOT include pending applications.

£1,102,000

### Details of top three external funding awards

1) Medical Research Council PHIND, £150,000, 2017-2019, PI – Dr Helen Elsey, Sustainable day-care for 1-4 year olds in disadvantaged urban communities in Dhaka, Bangladesh

2) Global Challenge Research Fund – Collective Fund - GCRF-AFRICAP: Agricultural and Food-system Resilience: Increasing Capacity and Advising Policy, £8M, October 2017 – November 2021, PI – Prof Tim Benton, Global Farm Platforms for Optimisation of Grazing Livestock Production Systems led in Leeds by Dr Henry Greathead contributed to the AFRICAP Bid, Dr Greathead is COI on GCRF-AFRICAP

3) British Council – Newton Fund, Avoiding Forest Degradation In Vietnam (AFDIV), £126K, March 2016 - March 2018, PI – Prof Dominick Spracklen, Adopting REDD+ for Conservation, Sustainable Community Livelihood and Climate Change Mitigation has now concluded and led to AFDIV

### Conferences

Total number of conferences of WUN research groups

32

### Details of top three conferences

1) Prof Chris Forde and Dr Gabriella Alberti - Employment agencies, precarious work and migration, WUN Hidden Migration, Data and Policy Workshop, University of Bristol, 9th-10th March 2017

2) Prof Christine Foyer WUN Symposium cum Research Summit on Impacts of Grain Legume Research & Development in Developing Countries, 8-17 June 2017, CUHK, [https://www.youtube.com/watch?v=Mb5ekHV5YMg&feature=youtu.be](https://www.youtube.com/watch?v=Mb5ekHV5YMg&feature=youtu.be) & [http://www.wun.ac.uk/article/cuhk-legumes-symposium](http://www.wun.ac.uk/article/cuhk-legumes-symposium)

3) Prof Christine Foyer - N8 Agrifood International Conference, Durham University, 11-13 July 2017, 200 participants, Prof Foyer organised the Nutrition Stream on 'Food Production for the Future' and invited 4 CROP-FS team members to present - Professors Om Parkash (UMass), Vara Prasad (Kansas State University), Anna-Maria Oberholster (University of Stellenbosch), Dr Michael Considine (UWA)

### Inbound and outbound mobility from/to WUN partners

<table>
<thead>
<tr>
<th>Number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 outbound mobility visits to WUN partners in 2017</td>
</tr>
</tbody>
</table>
Details of top three mobility from/to WUN partners

1) Sally Osei-Appiah a PhD student visited the University of Ghana where she gave a guest lecture on Communication theory module; presented a seminar on Current Status of (Gendered) Political Communication in Ghana and Nigeria; provided research assistance to Masters students; conducted interviews with Faculty and other Academics and experts on research project area in Ghana and Nigeria; attended a workshop on Women in Politics manual development in Nigeria organised by International Press Centre (Nigeria) and Action Aid (Nigeria). She is working on a book chapter with Prof. Audrey Gadzekpo from the Department of Communication at U Ghana.

2) Dr Barbara Karpinska from the Prof Foyer’s team, visited the lab of Dr Monika Murcha at UWA from 1 Aug to 1 Sept 2017 to undertake joint experiments. Dr Murcha is an ARC Future Fellow in the ARC Centre of Excellence Plant Energy Biology at UWA. She is an expert on plant mitochondria and trained Dr Karpinska in techniques for mitochondrial protein import and mitochondrial translation using transformed plants and mutants provided by the Foyer lab. In addition, the aim is for the visit to result in a joint publication.

3) In 2017 Chris Cartwright, a public health registrar, based at U Leeds was working (and will continue to work in 2018) with Centre for Injury Prevention and Research (CIPRB) in Bangladesh on a review of policy, interventions and injury data, as part of his involvement in the “Healthy Kitchens: Healthy Cities” project led by Dr Helen Elsey. The current project’s aim is to identify kitchen-focus interventions to reduce the risk of NCDs, burn injury, skin, gastrointestinal and lung health disease among the urban poor is South Asia.

Policy Impact

Total number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees

3

Details of top three incidences of policy impact as above

No for 2017.
Institutional Impact Report 2017
Maastricht University

Partnership Board
Professor Dr Martin Paul, President
AAG
Professor Tom van Veen
Coordinator
Ms. Aisling Tiernan
Member since
2013
THE Ranking
103 (2018), 94 (2017)
QS Ranking
ARWU Ranking
201-300 (2017)

Interdisciplinary Research Groups engagement
Engaged in 22 IRGs /Leading 0 / 4 RCC / 7 GHEAR / 11 PH / 6 UC
Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.
Leading on (PI in brackets):

Participating in (lead university in brackets):
- Health Education Access and Mobility for Musicians: A global approach (UWA) (GHEAR/PH/UC)
- Health Education Literacy and Mobility for Musicians: A global approach
- A MOOC for WUN: Enabling collaborative education for heterogeneous groups around open research data and popular media (Southampton)
- Data Analysis with Privacy Protection for Epidemiological Research-DAPPERSMER (Bristol)
- Global Africa Group (WUN Secretariat)
- Global China Group (WUN Secretariat)
- Health Literacy Network (Sydney)
- Health Promoting Responses to Climate Change (Auckland)
- Healthy-Polis – Developing Urban Lifecourse Approaches in response to Climate Change (Bristol)
- Home – Health Outcomes of Migration Events (Bristol)
- in-FLAME (Western Australia)
- Open WUN (Southampton)
- Managing the Globalization of Water Services in a World Affected by Climate Change: Regulatory and Economic Challenges (Chinese University of Hong Kong)
- Migration Policy, Welfare Boundary, Social Integration & Health-related Quality of Life of Children from Immigrant Families (Chinese University of Hong Kong)
- Promoting wellbeing across borders: migration, social remittances and health (Sheffield)
- Schools as a Setting for Reducing Risk Factors for Non-communicable Diseases (Auckland)
- Understanding Globalization- Margins and Peripheries (Cape Town)
- Web Observatory Project (Southampton)
Global Challenge Steering Group Representatives

<table>
<thead>
<tr>
<th>Institution</th>
<th>Representative</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHEAR</td>
<td>Professor Harm Hospers</td>
</tr>
<tr>
<td>Public Health</td>
<td>Professor Nanne de Vries</td>
</tr>
<tr>
<td>RCC</td>
<td>Dr Maud Huynen</td>
</tr>
<tr>
<td>U. Cultures</td>
<td>Professor Hildegard Schneider</td>
</tr>
</tbody>
</table>

Performance in RDF 2017 - Participated in 1 successful application

The project aims to build a global research network to address both health education mobility and health literacy for musicians world-wide. Music participation is widely acknowledged to have health benefits across the lifespan and, according to the United Nations, as ‘the international language’ for its capacity to diminish cultural divides. The project proposes the creation of an interdisciplinary, multicultural research network focused on developing innovative, sustainable, effective and accessible approaches to musicians’ health education in higher education settings. It furthermore builds on existing international collaborations between Australian and Canadian researchers, adding researchers from the Netherlands, New Zealand and South Africa, to form a global perspective on this important public health issue.
### Refereed Academic Publications

Number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

- Community of Learning for African PhD fellows (Mindel van de Laar)
- Economics (Tom van Veen)
- Feasibility Study of Recommender Systems in Academia (Evgeni Smirnov)
- African Universities and SDG’s (Book to be published 2018)

### Details of top three referred publications as above.

### Funding Secured

Total funding catalysed by WUN collaboration. Also include funding applications that are submitted but pending.

**RDF Title:** Health Education Literacy and Mobility for Musicians: A global approach

### Details of top three external funding awards

### Conferences

Total number of conferences of WUN research groups

1. Effects of Brexit on higher education (February 2017, Brussels)
2. WUN Workshop on Data Science with emphasis on Health and Wellness (New York, 1-2 May 2017)
3. Global Africa Group meeting at the University of Ghana – June 2017

### Details of top three conferences

1. Effects of Brexit on higher education

   The seminar focused on looking for post BREXIT solutions in the global context, with an emphasis on policy development, processes and practical approaches to continue to stimulate international collaboration in research, education and mobility. Core to the purpose of this seminar was to come up with an action plan giving suggestions on how to continue working together and developing relations in future.

### Inbound and outbound mobility from/to WUN partners

Number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners

End of 2017 witnessed the re-launch of WUN RMF at Maastricht University offering 4 places/grants. All 4 staff members/researchers have now been selected for 2018 exchange.

### Details of top three mobility from/to WUN partners

The exchange will take place in 2018 at the following 4 WUN Partner universities:
- University of Auckland
- University of Alberta
- Chinese University of Hong Kong
- Universidade Federal de Minas Gerais (UFMG)

### Policy Impact

Number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees

n/a 2017

### Details of top three incidences of policy impact as above
Interdisciplinary Research Groups engagement
Engaged in 7 IRGs / Leading 0 / 0 RCC/ 1 GHEAR / 2 PH/ 5 UC
Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.

Leading on (PI in brackets):
- Data Diplomacy: Political & Social Dimensions of Data Collection & Sharing (Tim Dye)

Participating in (lead university in brackets):
- The Role of Big Data in Addressing the Determinants of Non-communicable Diseases in the Ageing Era (Sydney) (PH)
- Collaborative Care for Dementia in Rural China Primary Care (Zhejiang)
- Schools as a Setting for Reducing Risk Factors for Non-Communicable Diseases (Auckland)
- Changing Political Culture through Education: Democratic Citizenship and School Curriculum in Post Apartheid South Africa
- Global Adjustments to China’s Growth Transition
- Global China Group (WUN Secretariat)
- Heritage Forts and Castles and Coastal Cultures of Ghana (Ghana)
- Indigenous Research Network (Sydney)
- Open WUN (Southampton)

Global Challenge Steering Group Representatives
GHEAR: Peter Lennie
Public Health: Timothy Dye
RCC
U. Cultures: Renato Perruchio
Performance in RDF 2017
Submitted 0 applications as lead.
Participated in 1 successful applications.
<table>
<thead>
<tr>
<th><strong>Referreed Academic Publications</strong></th>
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<tbody>
<tr>
<td>Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.</td>
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<tr>
<td>0</td>
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<tr>
<td>Details of top three refereed publications as above.</td>
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<table>
<thead>
<tr>
<th><strong>Funding Secured</strong></th>
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<tbody>
<tr>
<td>Total amount of funding catalysed by WUN collaboration. <strong>Only</strong> include funding that has been awarded – do <strong>NOT</strong> include pending applications.</td>
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<tr>
<td>0</td>
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<tr>
<td>Details of top three external funding awards</td>
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<tr>
<th><strong>Conferences</strong></th>
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<tr>
<td>Total number of conferences of WUN research groups</td>
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<tr>
<td>0</td>
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<tr>
<td>Details of top three conferences</td>
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<tr>
<th><strong>Inbound and outbound mobility from/to WUN partners</strong></th>
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<tr>
<td>Number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners</td>
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<tr>
<td>3/0</td>
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<tr>
<td>Details of top three mobility from/to WUN partners</td>
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<tr>
<td>University of York</td>
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<tr>
<td>• Ilaria Grando, Art and Art History, 6 Weeks (March – May)</td>
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<tr>
<td>• Wenling (Grace) Cao, Brain and Cognitive Sciences, 4 Weeks (March – April)</td>
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<tr>
<td>• Jessica Schouela, Art and Art History, 6 Weeks (October – November)</td>
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<tr>
<th><strong>Policy Impact</strong></th>
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<tbody>
<tr>
<td>Number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees</td>
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<tr>
<td>0</td>
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<tr>
<td>Details of top three incidences of policy impact as above</td>
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</tbody>
</table>
Institutional Impact Report 2017
The University of Sheffield

**Partnership Board**
Professor Sir Keith Burnett, President & Vice-Chancellor
AAG
Professor Dave Petley, Vice-President for Research and Innovation
Coordinator
Danielle Bertrand, International Partnerships Officer
Member since
2000
THE Ranking
QS Ranking
82 (2017), 84 (2016)
ARWU Ranking

**Interdisciplinary Research Groups engagement**
Engaged in 28 IRGs / Leading 5 / 8 RCC / 3 GHEAR / 14 PH / 16 UC
Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.

**Leading on (PI in brackets):**
- Climate Change: Understanding Systemic Shocks in Integrated Infrastructures (Nick Taylor Buck)
- Hidden Voices: Exploring the health experiences of children who migrate (Jill Thompson)
- Multilingualism & Mobility in the Northern & Southern Hemispheres (Kristine Horner)
- Promoting wellbeing across borders: migration, social remittances and health (Sarah Salway)
- Sustainable Care: Connecting People & Systems (Sue Yeandle)
- Stomata: Sensors of Climate Change (Julie Gray)*
- Transcultural Understanding of Designing with Climate Change: A Joint Design Research Studio Approach (Chengzhi Peng)*
- Worldwide Challenge of English (Andrew Linn) - not yet completed report*
- Critical Zone & Soils Science Consortium (Steve Banwart) – not yet completed report**

* Program listed as recently completed in 2017
** Program listed by lead university as completed prior to 2017

**Participating in (lead university in brackets):**
- Resilient Peace: Exploring resilient peacebuilding actors, cultures and policy transfer in West Africa (Bristol)
- Communicating Good Health and Wellbeing: Promotion, Advocacy and Resilience (UWA)
- An Intersectional Exploration of Religion and Gender-Based Violence: A Case Study of Accra in Global Context (Ghana)
- Social Innovation and Elderly Care (Zhejiang)
- Addressing Multiple Forms of Migrant Precarity – Beyond “Management” of Migration to an Integrated Rights-Based Approach (Sydney)
- Ancient Soils and Modern Land Use - a Challenge for Critical Zone Science (Western Australia)
- Data Diplomacy: Political & Social Dimensions of Data Collection & Sharing (Rochester)
- Dementia Prevalence and Impact in Low Income Areas in South Africa (Cape Town)
- Developing compatible energy and climate strategies (Bergen)
- Early Life Opportunities for Prevention of NCDs in Developing Countries (Southampton)
- Global Africa Group (WUN Secretariat)
- Global China Group (WUN Secretariat)
- Health Literacy Network (Sydney)
- Health Promoting Responses to Climate Change (Auckland)
- Himalayan Climate Change: Debris Covered Glacier Response, Water Availability, Biodiversity and Ecosystem Response (Alberta)
- HOME – Healthy Outcomes of Migration Events (Bristol)
• Impacts of future climate change and land use changes on public health and food security in Sub-Saharan Africa and South East Asia (Chinese University of Hong Kong)
• Indian Ocean Archaeology Network (Western Australia)
• Migration, Development and Global Transformations-MDGT (Bristol)
• Mpower: Empowering mothers for health (UMass)
• Provision of health service and community care for the elderly: intergenerational roles and equity (Chinese University of Hong Kong)
• Reducing Inequality in Oral Health (Western Australia)
• Spintronics (York)
• Transformative Justice Network (York)
• Understanding Globalization- Margins and Peripheries (Cape Town)
• Critical Zones Observatories (Leeds)
• Web Observatory (Southampton)

Participation on Global Challenge Steering Groups
GHEAR
Public Health
RCC Mr Jon Price
U. Cultures
Performance in RDF 2017
Submitted 1 application as lead which was not successful.
Participated in 4 additional successful applications.

Refereed Academic Publications
Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

11

Details of top three referred publications as above.

1. Climate Change: Understanding Systemic Shocks in Integrated Infrastructures (Nick Taylor Buck)

2. Sustainable Care: Connecting People & Systems (Sue Yeandle)

3. Sustainable Care: Connecting People & Systems (Sue Yeandle)

Funding Secured
Total amount of funding catalysed by WUN collaboration. Only include funding that has been awarded – do NOT include pending applications.

£2,635,446
<table>
<thead>
<tr>
<th>Details of top three external funding awards</th>
</tr>
</thead>
</table>
| 1. Sustainable Care: Connecting People & Systems (Sue Yeandle)  
Awarded from the ESRC – 42 months Full Economic Costing (FEC) £2,545,049 - 2 months in 2017 (£121,240) as a result of the Large Grants Competition. |
| 2. Multilingualism & Mobility in the Northern & Southern Hemispheres (Kristine Horner)  
Awarded £31,520 from The British Academy’s Tackling the UK’s International Challenges (TUKIC) for the project ‘European Migration, Language Policy and Small States’ (2017-2018). |
| 3. Multilingualism & Mobility in the Northern & Southern Hemispheres (Kristine Horner)  
Awarded HKD 623,992 from the Hong Kong Research Grant Council (RGC) for the project ‘The Interplay of Language-in-Education Policy, Language Ideology and Linguistic Practices within Discourse of Internationalization in Higher Education – A Comparative Study.’ (2018-2020) |
## Conferences

**Total number of conferences of WUN research groups**

14

**Details of top three conferences**

1. **Sustainable Care: Connecting People & Systems (Sue Yeandle)**
   

2. **Multilingualism & Mobility in the Northern & Southern Hemispheres (Kristine Horner)**
   
   A workshop on Multilingualism and Higher Education took place in November 2017 at The University of Cape Town, South Africa. (Horner’s participation linked to WUN collaboration on Deumert’s parallel WUN project on Understanding Globalisation: Margins and Peripheries).

3. **Hidden Voices: Exploring the health experiences of children who migrate (Jill Thompson)**
   
The WUN Child Migrant Health workshop took place at The University of Sheffield from 11-13 September 2017. 15 academics and 5 NGO guests attended and presented papers.

## Inbound and outbound mobility from/to WUN partners

**Total number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners**

6 RMP mobility from Sheffield to WUN members

**Details of top three mobility from/to WUN partners**

1. Alejandro Albornoz (PhD student, Department of Music), WUN host university: University of Bergen. Project: Algorithmic poetry.

2. Dr. Helen Bell (Research Assistant in Health Economics, School of Health and Related Research), WUN host university: University of Cape Town. Project: Collaborative research to estimate causal treatment effects for HIV patients using detailed South Africa data.

3. Sally Jones (PhD Student, Department of Civil and Structural Engineering), WUN host university: University of Alberta. Project: Mobilisation of cohesive particles associated with discoloration by hydraulic transients in drinking water distribution systems.

## Policy Impact

**Total number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees**

2

**Details of top three incidences of policy impact as above**

1. **Sustainable Care: Connecting People & Systems (Sue Yeandle)**
   
   Policy Symposium on Conceptions of Care, RMIT University Melbourne, Australia in October 2017.

2. **Sustainable Care: Connecting People & Systems (Sue Yeandle)**
   
Interdisciplinary Research Groups engagement
Engaged in 40 IRGs / Leading 9 / 11 RCC / 18 PH / 6 GHEAR / 18 UC / OTHER 2

Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.

Leading on (PI in brackets):
- The effectiveness of health service/investment interventions aimed at reducing inequalities in health among older people in China: a longitudinal study (Zhixin Feng) (PH)
- Changing Coasts, Climate Change and Other Drivers (Robert Nicholls)
- Web Observatory (Wendy Hall)
- Early Life Opportunities for Prevention of Non-communicable Disease in Developing Countries (Mark Hanson)
- Lessons for Life: Innovating and Evaluating School Age Health Education Interventions for the Prevention and Control of NCDs (Marcus Grace)
- Open WUN (Stephanie Moser, Eleonora Gandolfi)
- The effectiveness of health service/investment interventions aimed at reducing inequalities in health among older people in China: a longitudinal study (Zhixin Feng)
- A study of the role of governing boards in African higher education institutions (Martin Broad)*
- Lab Trove (Jeremy Frey)*
- Negotiating Transition to a ‘Grown Up World’: the Journey to Sexual and Reproductive Health for Unaccompanied Adolescent Asylum Seekers (Jane March-McDonald)*

* Program listed as recently completed in 2017

Participating in (lead university in brackets):
- The Role of Big Data in Addressing the Determinants of Non-communicable Diseases in the Ageing Era (Sydney) (PH)
- The trans-nationalisation of indigenous movements: The role of digital technologies (Auckland) (RCC/UC)
- Characterising the Transient Radio Sky with SKA Precursors (Cape Town)
- Climate Resilient Open Partnership for Food Security-CROP-FS (UMass)
- Economics Cross Cutting Theme (Maastricht)
- Indian Ocean Archaeology Network (Western Australia)
- The Worldwide Challenge of English (Sheffield)
- Global Initiative Promoting Meaningful Engagement of People with Advanced Dementia Ageing in Supported Living Environments (Sydney)
- Global Africa Group (UWA - Cape Town)
- Global China Group (WUN Secretariat)
- Health Literacy Network (Sydney)
- Helminths and Allergy in South-Africa and Northern Europe (Bergen)
- Heritage Forts and Castles and Coastal Cultures of Ghana (Ghana)
- HOME - Health Outcomes of Migration Events (Bristol)
• Impacts of Grain Legume Research and Development in Developing Countries (Chinese University of Hong Kong)
• Indigenous Research Network (Sydney)
• In-Herit: The Role of Heritage in Ontological Security during Migration and Displacement (UMass)
• Immune Responses Underlying COPD Pathology (Cape Town)
• in-FLAME - International Inflammation Network (Western Australia)
• Meaningful engagement of people with advanced dementia ageing in supported living environments (Sydney)
• Multilingualism & Mobility in the Northern & Southern Hemispheres (Sheffield)
• Opera – Optimal Pregnancy Environment Risk Assessment (Alberta)
• Pedestrian Pathways in the Healthy City (Bristol)
• Public Policy (Renmin)
• Schools as a setting for Reducing Risk Factors for Non-communicable Diseases (led by Auckland)
• Understanding Non-communicable/Communicable Disease Syndemics in Transitional Societies (Cape Town)
• Spintronics (York)
• The Role of Big Data in Addressing the Determinants of Noncommunicable Diseases in the Ageing Era (Sydney)
• The trans-nationalisation of indigenous movements: The role of digital technologies (Auckland)
• Data Analysis with Privacy Protection for Epidemiological Research-DAPPER (Bristol)*
• Ideas & Universities (Bristol)**

* Program listed as recently completed in 2017
** Program listed by lead university as completed prior to 2017

Global Challenge Steering Group Representatives
GHEAR Academic TBC, Ms Eleonora Gandolfi
Public Health Professor Mark Hanson (Deputy Chair since 2017), Ms Eleonora Gandolfi
RCC Professor Peter Smith (Chair since September 2017), Professor Guy Poppy, Ms Eleonora Gandolfi
U. Cultures Dr Fraser Sturt, Ms Eleonora Gandolfi

Regional Group Steering Group Representatives
Global Africa Group Eleonora Gandolfi
Global China Group tbc
Global Policy Group Gavin Costigan

Performance in RDF 2017
Submitted 2 applications as leads, 1 of which was successful.
Participated in 2 additional successful applications.

WUN – WHO Research Fellow led by Professor Mark Hanson
Referred Academic Publications

Number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

2 from led projects; 92 from participating project

Details of top three referred publications as above.


Funding Secured

Total funding catalysed by WUN collaboration. Also include funding applications that are submitted but pending.

1 from lead project and 1 from participating project

Details of top three external funding awards

KAPU, ICO. £900,000 (https://tec.kapu.one/)

Research Council of Norway, FRIPRO TOPPFORSK (top researcher program), "Preconception exposures and related epigenetic mechanisms in asthma and allergies", 25 million NOK, about 2.3 million GBP, Professor Cecilie Svanes, John Holloway, and most of the WUN researchers in the program

Conferences

Total number of conferences of WUN research groups

4 from lead projects, 21 from participating project

Details of top three conferences

WHO workshop - 3 day technical workshop, Geneva June 17 led by Hanson and Ben-Shlomo. Attended by key stakeholders at WHO and colleagues from WUN to identify the drivers of intrinsic capacity through the life course.

WHO Meeting - Prof Yoav Ben-Shlomo contributed to the Meeting of the Clinical Consortium on Healthy Ageing, November 2017, World Health Organisation, Geneva.

Open Cultural Heritage Workshop, Ritsumeikan University, 24-28 June 2017, 57 academics and creative industry representative attended, presented papers (accessible here https://www.youtube.com/playlist?list=PLyqg6Ek4UX46qr3SlqTCJaAETGsrLopCB ) and identified themes to develop further.

Inbound and outbound mobility from/to WUN partners

Number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners

21/44

![Student and Staff mobility](chart.png)
Details of top three mobility from/to WUN partners

Mr Rob Joy (Student): Humanities - 'British Agricultural Officials who 'stayed on' at independence in East Africa, 1950 - 1970'

Host University: University of Nairobi

Keywords: Africa, decolonisation and officials.

My thesis looks at the experiences and attitudes of British Agricultural Officers who 'stayed on' in East Africa after independence. Looking at AO's role in the late Colonial/Early Independent Governments reveals more about late colonial identity, attitudes to decolonisation and the perception of Africans by officials in this era.

Dr David Cleary (Staff) - Medicine - 'Application of phylogenomic analyses to understand the epidemiology of Haemophilus influenzae in Hong Kong'

Host University: The Chinese University of Hong Kong

Keywords: genomics, infection, epidemiology

Respiratory tract infections from Haemophilus influenzae remain a significant global burden for morbidity and mortality. Increasing antimicrobial resistance renders this challenge even greater. This project aims to utilise extant collections of this exclusively human bacterial pathogen, isolated from cases of chronic lung disease, in order to comparatively determine its genomic epidemiology in South-East Asia from both a regional and global context.

Mr Kyle Mayers (Student) - Natural and Environmental Sciences 'Molecular characterisation of ciliate grazing'

Host University: University of Bergen

Keywords: genomics, ciliates and grazing.

Ciliates are single-celled microzooplankton which play key top-down (grazer) and bottom up (prey) roles in the marine microbial food web and global carbon cycle. We will use molecular tools to characterise prey selectivity of ciliates on different phytoplankton species to gain further insights into their ecological and biogeochemical roles.

Policy Impact

Number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees

2 from led projects

Details of top three incidences of policy impact as above

Hanson M et al, University of Southampton, Written evidence to the House of Commons Science and Technology Committee’s evidence-based early-years intervention inquiry 2017

Hanson M et al, University of Southampton. Inquiry into physical activity for children and young people 2017
The Role of Big Data in Addressing the Determinants of Non-communicable Diseases in the Ageing Era (Simon Poon) PH
- Impact of ocean warming and acidification on marine fish production (Joy Becker) RCC
- Shaping Health Systems (Stephanie Short) PH
- Supporting Patients to Make the Best Use of Their Medicine (Parisa Aslani) PH
- Global initiative promoting meaningful engagement of people with advanced dementia ageing in supported living environments (Sanetta Du Toit) PH (Report pending, on study leave until July)
- Challenges of access and equity: The Higher Education curriculum answers back (Tai Peseta)
- Indigenous Research Network (Catriona Elder)**
- Health Literacy Network (Kirsten McCaffery)**
- Addressing Multiple Forms of Migrant Precarity – Beyond “Management” of Migration to an Integrated Rights-Based Approach (Nicola Piper)**

** Program listed by lead university as completed prior to 2017

Participating in:
- Health Education Access and Mobility for Musicians: A global approach (LEAD Suzanne Wijsman, UWA) GHEAR/PH/UC (Dr. Bronwyn Ackermann, SMS)
- Resilient Peace: Exploring resilient peacebuilding actors, cultures and policy transfer in West Africa (LEAD Ana E. Juncos, Bristol) UC (USYD Mr. Aime Saba)
- Wind or Solar? The Political Economy of Fuel Competition between Renewables (LEAD Yuan Xu, CUHK) RCC (Prof. Tihomir Ancev)
- Social innovation and elderly care (LEAD: Ka Lin, Zhejiang) (Dr. Kate O’Loughlin)
- “The Belt and Road” Green Development: International Culture, Climate Change, Energy Investment and Environmental Protection (LEAD Qinhua Xu, Renmin) GHEAR/PH/UC/RCC (Prof Hans Hendrischke and Dr Wei Li)
- World-class Universities, Publication and Research Assessment: Rethinking the Mission of Higher Education in the Global Age (Tony Welch)
- Air Sensors Everywhere (Camille Raynes-Greenow)
- Comparative Analysis of International Refugee Resettlement: International Law Obligations and Policy (Susan Banki & Mary Crock)
- Developing and Researching the Economics and Mathematics of Selection (DREAMS): Global Perspectives (Carolyn Maccann, Deborah Omara, Christopher Roberts)
- Early Life Opportunities for the Prevention of Non-communicable Disease in Developing Countries (Steve Simpson)
- Feasibility Study of Recommender Systems in Academia (Irena Koprinska & Kalina Yacef)
- Global Adjustments to China’s Growth Transition (Jingdong Yuan)
- Global China Group (Hans Hendrischke)
- Global Farm Platforms for Optimisation of Grazing Livestock Production Systems (Michael D'Occhio)
Global Regionalisms, Governance and Higher Education (Tony Welch)
Health promoting responses to climate change (Ying Zhang)
Healthy-Polis – Developing Urban Lifecourse Approaches in response to Climate Change (Nick Osborne)
Hidden Voices: Exploring the health experiences of children who migrate (Grace Spencer)
International Inflammation Network (in-FLAME) (Dianne Campbell)
Knowledge-Attitude-Practice (KAP) of caregivers in institutions of elder care in Zhejiang Province (Sanetta Du Toit)
Aging in the New Media (Sanetta Du Toit)
Labour Market Outcomes Among Highly-Skilled Immigrants and Return Migrants: The Role of Place of Education (Farhat Yusuf)
Laboratory Trove (Matthew Todd)
Migration, Development and Global Transformations (Nicola Piper)
Mpower: Empowering mothers for health (Kirsty Foster, Don Nutbeam, Danielle Muscat)
Multilingualism & Mobility in the Northern & Southern Hemispheres (Antonio Rubino)
Music, Memory and Migration in the Post-Holocaust Jewish Experience (Joseph Toltz)
Networking Young Citizens (Ariadne Vromen)
New Insights into the transmission of Angiostrongylus lungworms by gastropods under climate change: a comparative approach (Richard Malik)
Older Workers & Caregiving (Kate O’Loughlin)
OPERA – Optimal Pregnancy Environment Risk Assessment (Jane Hirst)
Reducing Inequality in Oral Health (Clive Wright)
Schools as a Setting for Reducing Risk Factors for NCDs (Debra Shirley)
Spatial Framework for Assessing Environmental Livelihood Security (Eleanor Bruce)
Stomata: Sensors of Climate Change (Peter Franks)
Sustainable Care: connecting people and systems (Kate O’Loughlin)
Understanding Globalization- Margins and Peripheries (Elsbeth Probyn)
Widening Participation: ‘First in Family’ students succeeding in universities (Amani Bell)
67,000 More Helping Hands: An International Collaboration to Further Engage Pharmacists in Improving Primary Healthcare (Ines Krass)
Legumes: The Hub of Diversification & Adaption to Climate Change in Agriculture (Helen Bramley)

Performance in RDF 2017
Submitted 2 applications. Successful in 2
Participated in 7 successful applications (out of 14 successful)

<table>
<thead>
<tr>
<th>Participation on Global Challenge Steering Groups</th>
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<tbody>
<tr>
<td><strong>GHEAR</strong></td>
</tr>
<tr>
<td>Professor Tony Welch, Faculty of Education &amp; Social Work</td>
</tr>
<tr>
<td><strong>Public Health</strong></td>
</tr>
<tr>
<td>Prof. Kate O’Loughlin, Discipline of Behavioural and Social Sciences in Health</td>
</tr>
<tr>
<td><strong>RCC</strong></td>
</tr>
<tr>
<td>TBC</td>
</tr>
<tr>
<td><strong>U. Cultures</strong></td>
</tr>
<tr>
<td>Professor Nicola Piper, Faculty of Arts</td>
</tr>
</tbody>
</table>

Performance in RDF 2017
Submitted 2 applications. Successful in 2.
Participated in 5 successful applications.
### Refereed Academic Publications

Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

5

Details of top three refereed publications as above.


### Not PI but Participating in:

- Book being published - Armani Bell “Understanding Experiences of First Generation University Students”
  - From project: Widening Participation: ‘First in Family’ students succeeding in universities

### Funding Secured

Total amount of funding catalysed by WUN collaboration. Only include funding that has been awarded – do NOT include pending applications.

1

Details of top three external funding awards

Parisa Aslani:
  - Official Order pursuant to the Deed of Standing Offer (A201306-11) for the Research and Literature Review Services with Australian Commission on Safety and Quality in Health Care for: "Development of dispensed labelling prototypes"(Prof Parisa Aslani), $50,000 2017-2018

### Conferences

Total number of conferences of WUN research groups

0

Details of top three conferences

Not PI but Participating in:
  - DREAMS Network including Associate Professor Annette Mercer from the University of Western Australia, Dr Carolyn MacCann from the School of Psychology at the University of Sydney and Associate Professors Deborah O'Mara and Chris Roberts from Sydney Medical School on a successful workshop on "Situational Judgement Tests Best Practice Program" held on 24th and 25th July.

The University of Sydney hosted this workshop on designing situational judgment tests to widen access to the profession of medicine. The workshop involved visiting academics from the UK, South Africa, the United Nations and speakers from the University of Sydney and Monash University, with 38 participants from Australian and NZ medical and dental schools, medical colleges and other educational institutions. See programme.

The workshop is part of the activities of the Worldwide Universities Network Project "Developing and Researching the Economics and Mathematics of Selection (DREAMS) that brings together a network of international experts from health economics, education, the mathematical sciences and organisational psychology via a series of workshops and networking initiatives.

### Inbound and Outbound mobility from/to WUN partners

Total number of inbound mobility from WUN partners/Number of outbound mobility from WUN partners

10 inbound/0 outbound
Details of top three mobility from/to WUN partners

(Historically the funding for outbound mobility was subsumed under the International Program Development Fund however as we no longer offer the IPDF we don’t currently have a budget for the RMP. A request for a budget will be sought so we can encourage more mobility to WUN partner Institutions).

1. **Emily Crowe, Bristol University.** Spent 2 months at Sydney under the supervision of A/Prof Alexander Holcombe from the school of Psychology working in Sydney Perception and Action lab on project using multiple object tracking to investigate effect of momentarily stopping objects on tracking accuracy.

2. **Dr Michael Horvath, University of York.** Spent 3 weeks in Sydney working with Dr Aarti Singh from the School of Economics. Worked with macroeconomists to explore potential collaboration on project to investigate how interaction between government policy and financial markets shape the way people deal with individual level risk.

3. **Prof. Stephen Wong, CUHK.** Spent 1 week at Sydney working with Prof. Helen O’Connor. Also conducted a 45min seminar highlighting the latest Hong Kong’s Report Card on Physical Activity (PA) for Children and Youth, which is the first evidence-based synthesis of various indicators related to individual behaviors that contribute to overall PA levels, settings and sources of influence, and strategies and investments in Hong Kong.

<table>
<thead>
<tr>
<th>Policy Impact</th>
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</thead>
<tbody>
<tr>
<td>Total number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership related boards/committees</td>
</tr>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

Details of top three incidences of policy impact as above
INSTITUTIONAL IMPACT REPORT 2017
UNIVERSITY OF CAPE TOWN

<table>
<thead>
<tr>
<th>Partnership Board</th>
<th>Dr Max Price, Vice-Chancellor</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAG</td>
<td>Prof Mamokgethi Phakeng, Deputy Vice-Chancellor (Research &amp; Internationalisation)</td>
</tr>
<tr>
<td>Coordinator</td>
<td>Ms Wilna Venter</td>
</tr>
<tr>
<td>Member since</td>
<td>2009</td>
</tr>
<tr>
<td>ARWU Ranking</td>
<td>301-400 (2017), 201-300 (2016)</td>
</tr>
</tbody>
</table>

Interdisciplinary Research Groups engagement
Engaged in 56 IRGs / 7 Leading / 14 RCC/ 11 GHEAR / 12 PH/ 15 UC
Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.

Leading on (PI in brackets):
- Dementia Prevalence and Impact in Low Income Areas in South Africa (Celeste De Jager)
- Resilience in Young People (Steve Reid)
- Understanding Globalization - Margins and Peripheries (Ana Deumert)
- Characterising the Transient Radio Sky with SKA Precursors (Patrick Woudt)*
- Immune Responses Underlying COPD Pathology (William Horsnell)*
- Changing Political Culture Through Education: Democratic Citizenship and School Curriculum in Post Apartheid South Africa (Robert Mattes)**
- Understanding Non-communicable/Communicable Disease Syndemics in Transitional Societies (Naomi Levitt)**

* Program listed as recently completed in 2017
** Program listed by lead university as completed prior to 2017

Participating in (lead university in brackets):
- African Solutions to African Problems- Translating Indigenous Systems, Plants and Microbial Biodiversity into Drug Candidates for Neglected Tropical Diseases (Ghana) (PH)
- Health Education Access and Mobility for Musicians: A global approach (UWA) (GHEAR/PH/UC)
- Resilient Peace: Exploring resilient peacebuilding actors, cultures and policy transfer in West Africa (Bristol) (UC)
- Communicating Good Health and Wellbeing: Promotion, Advocacy and Resilience (UWA) (PH/UC)
- A study of the role of governing boards in African higher education institutions (Southampton)
- Ancient Soils and Modern Land Use - a Challenge for Critical Zone Science (Western Australia)
- Building sustainable mountain systems in sub-Saharan Africa: assessing the linkages between communities, ecosystem services, environment and health (York)
- Challenges of Access and Equity: the Higher Education Curriculum Answers Back (Sydney)
- Climate Change: Understanding Systemic Shocks in Integrated Infrastructures (Sheffield)
- Community of Learning for African PhD fellows (Maastricht)
- Developing and Researching the Economics and Mathematics of Selection (DREAMS): Global Perspectives (York)
- Exchanging mobility for intensification modes of livestock production in African pastoral systems: trade-offs and challenges for pastoralists’ climate change adaptive capacity (Basel)
- Global Africa Group (WUN secretariat)
- Global China Group (WUN Secretariat)
- Global initiative promoting meaningful engagement of people with advanced dementia ageing in supported living environments (Sydney)
- Global Patterns of Climate Adaptation in Kelps (Western Australia)
- Global Regionalisms, Governance and Higher Education (Bristol)
- Global Social Initiative on Ageing (Alberta)
▪ Health Literacy Network (Sydney)
▪ Healthy-Polis – Developing Urban Lifecourse Approaches in response to Climate Change (Bristol)
▪ Helminths and Allergy in South-Africa and Northern Europe (Bergen)
▪ Hidden Voices: Exploring the health experiences of children who migrate (Sheffield)
▪ Ideas and Universities (Bristol)
▪ Impacts of future climate and land use changes on public health and food security in Sub-Saharan Africa and South East Asia (Chinese University of Hong Kong)
▪ Impacts of Grain Legume Research and Development in Developing Countries (Chinese University of Hong Kong)
▪ in-FLAME – International Inflammation Network (Western Australia)
▪ In-Herit: The Role of Heritage in Ontological Security during Migration and Displacement (UMass)
▪ Indian Ocean Archaeology Network (Western Australia)
▪ Indigenous Research Network (Sydney)
▪ Migration, Development and Global Transformations-MDGT (Bristol)
▪ Mobility and Higher Education (Maastricht)
▪ Multilingualism & Mobility in the Northern & Southern Hemispheres (Sheffield)
▪ New insights into the transmission of Angiostrongylus lungworms by gastropods under climate change: a comparative approach (Bristol)
▪ Non-market valuation of loss and damage under climate change (Western Australia)
▪ Ocean Eddies in a Changing Climate: Understanding the Impact on Coastal Climates and Worldwide Fisheries Production (Auckland)
▪ Open WUN (Southampton)
▪ Pedestrian Pathways in the Healthy City (Bristol)
▪ Performing the Jewish Archive (Leeds)
▪ Responding and Adapting to Climate Change: Recognizing and Managing Uncertainty in the Physical, Social and Public Spheres (Bristol)
▪ Schools as a Setting for Reducing Risk Factors for Non-communicable Diseases (Auckland)
▪ Transcultural Understanding of Designing with Climate Change: A Joint Design Research Studio Approach (Sheffield)
▪ Transformative Justice Network (York and Leeds)
▪ Widening Participation: ‘First in Family’ Students Succeeding in Universities (Auckland)
▪ World-class Universities, Publication and Research Assessment: Rethinking the Mission of Higher Education in the Global Age (Chinese University of Hong Kong)
▪ African Solutions to African Problems- Translating Indigenous Systems, Plants and Microbial Biodiversity into Drug Candidates for Neglected Tropical Diseases (Ghana)
▪ Health Education Access and Mobility for Musicians: A global approach (Western Australia)
▪ Resilient Peace: Exploring resilient peacebuilding actors, cultures and policy transfer in West Africa (Bristol)
▪ Communicating Good Health and Wellbeing: Promotion, Advocacy and Resilience (Western Australia)

<table>
<thead>
<tr>
<th>Participation on Global Challenge Steering Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHEAR</td>
</tr>
<tr>
<td>RCC</td>
</tr>
<tr>
<td>U. Cultures</td>
</tr>
<tr>
<td>Africa Group</td>
</tr>
<tr>
<td>China Group</td>
</tr>
<tr>
<td>Economics Group</td>
</tr>
</tbody>
</table>

**Performance in RDF 2017**
Participated in 6 out of 12 successful applications
# Refereed Academic Publications

Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

<table>
<thead>
<tr>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
</tr>
</tbody>
</table>

Details of top three refereed publications as above.


Funding Secured

Total amount of funding catalysed by WUN collaboration. Only include funding that has been awarded – do NOT include pending applications.
Details of top three external funding awards

Global Minds Project, via the Vrije Universiteit Brussels for an international workshop on Language Policy in Higher Education, main applicant Prof. Wim Vandenbussche, Vrije Universiteit Brussels. Co-applicant, Ana Deumert, University of Cape Town. 9 000 GBP


Bill Horsnell: 2017-2020: Poliomyelitis Research Foundation: 17/08-“How parasitic helminth infections alter immunity in the female reproductive tract and control of sexually transmitted infections.” 18 500 GBP

Conferences

Total number of conferences of WUN research groups: 9

Details of top three conferences

- Steve Reid and his UCT team played an important role to organise the conference Pathways to Resilience IV, Cape Town, 14-16 June 2017.
- Steve Reid had a workshop of the Resilience Research Group, Cape Town, 17-18 June 2017.
- Celeste de Jager: 8th International Conference on Dementia and Dementia Care, Dublin, Ireland, September 2017
- Ana Deumert: International workshop on Language Policy in Higher Education, bringing together scholars from South Africa, Belgium, the UK (Sheffield), and Ghana.
- Ana Deumert: Workshop on Multilingualism and Language Policy in Higher Education, at the University of Cape Town, 1-2 November 2017
- Roisin Kelly:
  - Society for Teaching and Learning in Higher Education, Halifax, Canada (related to WUN project: Widening Participation: ‘First in Family’ Students Succeeding in Universities)
  - May 2017 #FIFUMustRise: Factors affecting the success of students who are first in the family at a South African University. Centre for the Integration of Research, Teaching and Learning, University College Cork, Ireland
  - March 2017 Factors affecting the success of students who are ‘first in the family’ at a South African University. Centre for Excellence in Learning and Teaching. Manchester Metropolitan, United Kingdom

Inbound and outbound mobility from/to WUN partners

Total number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners

24 inbound / 13 outbound

Vanessa Speight from University of Sheffield visited Cape Town during November 2017

Phillip de Jager collaborates with Prof. Teerooven Soobaran who used to be at the University of Southampton and is now at the University of Essex. Phillip visited him in September 2017

Kelly Chibale delivered a lecture at the Astbury Centre for Structural Molecular Biology on invitation by the University of Leeds

Seven researchers attending the Workshop on Multilingualism and Language Policy in Higher Education, at the University of Cape Town, 1-2 November 2017

Five inbounds from the University of Bristol to discuss top-driven collaboration in research and joint degrees between the two institutions

Ten inbounds to attend the WUN Global Africa Group – book workshop at UCT on 2 Dec 2017

Four outbound to attend the WUN AGM in New York (Price, Phakeng, Ramutsindela, Venter)
Prof Dodoo (DVC Research) from the University of Ghana, paid a visit to UCT in July 2017.

Two outbounds to attend Annual Conference of the Society for Teaching and Learning in Higher Education, Halifax, Canada (related to WUN project: Widening Participation: ‘First in Family’ Students Succeeding in Universities)

One outbound to attend 8th International Conference on Dementia and Dementia Care, Dublin (related to WUN project: Dementia Prevalence and Impact in Low Income Areas in South Africa)

One outbound to attend conference at the University College Cork, Ireland (related to WUN project: Widening Participation: ‘First in Family’ Students Succeeding in Universities)

One outbound to attend Manchester Metropolitan, United Kingdom to present a paper Factors affecting the success of students who are ‘first in the family’ at a South African University (related to WUN project: Widening Participation: ‘First in Family’ Students Succeeding in Universities)

One outbound to the University of Bergen (Horsnell visiting Svanes)

One outbound to the University of Ghana (Ramutsindela attending WUN Global Africa Group workshop)

Policy Impact

<table>
<thead>
<tr>
<th>Total number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
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</tbody>
</table>

Details of top three incidences of policy impact as above

Other

<table>
<thead>
<tr>
<th>Total number of events/ publications / grants etc. not mentioned above</th>
</tr>
</thead>
</table>
| Deumert, A and Klein, Y. (University of Cape Town) contributed two chapters to a book edited by Prof. Kristine Horner (Sheffield).

Ana Deumert has joint supervision with at the University of Oslo and the University of Ghana. Currently exploring a joint online course with the University of the West Indies (following a collaborative visit to Jamaica in December 2017).

Two Global Challenges Research Fund (GCRF) applications have moved to the penultimate stage.

The Call to action document entitled ‘Citywide inclusive sanitation’ had UCT researcher, Kirsty Carden, as co-author. It emanated from a workshop at the University of Emory, USA in 2016 that was organized by the University of Leeds.

Lesley Green, a WUN participant, was nominated for a Cheny fellowship as an affiliate and regular visitor to Leeds.

The following four contributions to Diggit, an online magazine, and authored by Ana Deumert (see https://www.diggitmagazine.com/column/why-linguists-need-psychiatrists-towards-psycho-political-linguistics):

- Why linguists need psychiatrists: toward a psycho-political linguistic. 11 January 2018
- On the dangers of single stories: from the Haitia revolution to Abuntu humanism. 23 November 2017
- Colonial amnesia: the rise of the right and everyday racism. 26 October 2017
- The politics of #shutdown: from capitalism to popular protest. 28 September 2017

There are a number of conferences not organized by a WUN IRG but which are linked to an IRG:

- May 2017 #FIFUMustRise: Factors affecting the success of students who are first in the family at a South African University. Centre for the Integration of Research, Teaching and Learning, University College Cork, Ireland
- March 2017 Factors affecting the success of students who are ‘first in the family’ at a South African University. Centre for Excellence in Learning and Teaching. Manchester Metropolitan, United Kingdom
- 8th International Conference on Dementia and Dementia Care, Dublin, Ireland, September 2017. Presentation on: Associations of dietary intake of B vitamins and cognition in older adults from a low-income community in
Interdisciplinary Research Groups engagement

Engaged in 8 IRGs / Leading 4 / 3 RCC / 0 GHEAR / 3 PH / 3 UC

Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.

Leading on (PI in brackets):
- Air Sensors Everywhere (Richard Peltier)
- Climate Resilient Open Partnership for Food Security-CROP-FS (Om Parkash)
- In-Herit: The Role of Heritage in Ontological Security during Migration and Displacement (Elizabeth Brabec)
- Mpower: Empowering mothers for health (Elena Carbone)

Participating in (lead university in brackets):
- The trans-nationalisation of indigenous movements: The role of digital technologies (Auckland) (RCC/UC)
- Hidden Voices: Exploring the health experiences of children who migrate (Sheffield)
- Impacts of Grain Legume Research and Development in Developing Countries (Chinese University of Hong Kong)
- The trans-nationalisation of indigenous movements: The role of digital technologies (University of Auckland)
- Economics (Maastricht)
- Global Africa Group (Cape Town, Western Australia)

Global Challenge Steering Group Representatives

GHEAR
- Public Health
  - RCC: Associate Professor Om Parkash
  - U. Cultures: Associate Dean for Research Martina Nieswandt

Performance in RDF 2017

Submitted 1 application as lead.
Participated in 1 successful application.
### Referred Academic Publications

Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

<table>
<thead>
<tr>
<th>Details of top three refereed publications as above.</th>
</tr>
</thead>
</table>

### Funding Secured

**Total** amount of funding catalysed by WUN collaboration. **Only** include funding that has been awarded – do **NOT** include pending applications.

- GBP 20,000

<table>
<thead>
<tr>
<th>Details of top three external funding awards</th>
</tr>
</thead>
</table>

### Conferences

Total number of conferences of WUN research groups

<table>
<thead>
<tr>
<th>Details of top three conferences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Sensors Everywhere, Cape Coast, Ghana, 19 April 2017. Platform presentations, tutorials for students, collaborative field research exercises.</td>
</tr>
<tr>
<td>CROP-FS 3rd workshop on &quot;Climate Resilient Crops,&quot; University of Massachusetts Amherst, October 6-8, 2017. 25 WUN network and non-WUN members, including students and postdocs, attended and presented research papers.</td>
</tr>
<tr>
<td>The Role of Heritage During Migration and Displacement, Symposium and Workshop, University of Massachusetts Amherst, April 30th and May 1st, 2017. 46 academics from across the WUN network and non-WUN member schools presented papers and discussed the realities of climate change and war-driven migration and displacement in the future.</td>
</tr>
</tbody>
</table>

### Inbound and outbound mobility from/to WUN partners

<table>
<thead>
<tr>
<th>Details of top three mobility from/to WUN partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Om Parkash Dhankher, PhD student and postdoc exchange - One PhD student and one postdoc exchanged between UMass Amherst and Jawaharlal Nehru University for 2 weeks to one-month duration.</td>
</tr>
</tbody>
</table>

### Policy Impact

Total number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees

<table>
<thead>
<tr>
<th>Details of top three incidences of policy impact as above</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elizabeth Brabec, Expert member of International Scientific Committee on Cultural Landscapes (ISCCL), International Council on Monuments and Sites (ICOMOS); emerging area heritage under migration and Displacement, 2017.</td>
</tr>
</tbody>
</table>
Interdisciplinary Research Groups engagement
Engaged in 72 IRGs / Leading 19 / 29 RCC / 6 GHEAR / 24 PH / 26 UC
Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.

Leading on (PI in brackets):
- Health Education Access and Mobility for Musicians: A global approach (Suzanne Wijsman) (GHEAR/PH/UC)
- Communicating Good Health and Wellbeing: Promotion, Advocacy and Resilience (Rob Cover) (PH/UC)
- WUN Global Africa Group (David Mickler)
- Ancient Soils and Modern Land Use - a Challenge for Critical Zone Science (Matthias Leopold)
- Global Adjustments to China’s Growth Transition (Peter Robinson)
- in-FLAME International Inflammation Network (Susan Prescott)
- Non-market valuation of loss and damage under climate change (Petra Tschakert)
- Oral Health Science Network (Linda Slack-Smith)
- Reducing Inequality in Oral Health (Linda Slack-Smith)
- Indian Ocean Archaeology Network (Alistair Paterson)*
- Legumes as the Hub of Diversification and Adaptation to Climate Change in Mediterranean Agriculture (Michael Considine)*
- Global Patterns of Climate Adaptation in Kelps (Thomas Wernberg)**
- Impact of Land Use Change on Future Water Quality (Neil Coles)**
- Climate Change in the Media (Meng Ji)**
- Ocean Acidification (Malcolm McCulloch)**
- Plant Systems: Adapting to Climate Change (Martin Barbetti)**
- State and Society and the Uses of Culture in China (Gary Sigley)**
- World Democracy Forum (David Denemark)**

* Program listed as recently completed in 2017
** Program listed by lead university as completed prior to 2017

Participating in (lead university in brackets):
- Facilitating international research collaboration between economists working on the integration of renewable generation into electricity markets (Alberta) (RCC)
- Resilient Peace: Exploring resilient peacebuilding actors, cultures and policy transfer in West Africa (Bristol) (UC)
- Marriage Migrants in Asia (NCKU) (UC)
- Wind or Solar? The Political Economy of Fuel Competition between Renewables (CUHK) (RCC)
- ACCWA - Adapting to Climate Change for Water Adaptation (Leeds)
- Bridging Health Promotion and Sustainability Science: Transition to the Green Economy (Bergen)
- CARMEN - Co-operative for Advancement of Research through Medieval European Network (York)
Changing Coasts, Climate Change and Other Drivers (Southampton)
Changing Political Culture Through Education: Democratic Citizenship and School Curriculum in Post-Apartheid South Africa
Cognitive Communications (York)
Critical Zone & Soils Science Consortium (Sheffield)
Comparative Analysis of International Refugee Resettlement, International Law Obligations and Policy (Auckland)
Data Analysis with Privacy Protection for Epidemiological Research-DAPPER (Bristol)
Data Diplomacy: Political & Social Dimensions of Data Collection & Sharing (Rochester)
Developing and Researching the Economics and Mathematics of Selection (DREAMS): Global Perspectives (York)
Early Life Opportunities for Prevention of Non-communicable Disease in Developing Countries (Southampton)
Ecosystem Services, Complexity & People (Southampton)
Ensuring Sustainable and Responsible Production of Healthy Food from Healthy Animals (Bristol)
Global China Group (WUN Secretariat)
Global Farm Platforms for Optimisation of Grazing Livestock Productions Systems (Bristol)
Global Initiative Promoting Meaningful Engagement of People with Advanced Dementia Ageing inSupported Living Environments (Sydney)
Healthy-Polis – Developing Urban Lifecourse Approaches in response to Climate Change (Bristol)
Health Promoting Responses to Climate Change (Auckland)
Healthy Kitchens: Healthy Cities (Leeds)
High-throughput and label-free in vitro anti-cancer pharmaceutical cardiotoxicity assessment cell-based biosensor platform (Zhejiang)
Ice Sheet and Climate Interaction - Implications for Coastal Engineering (Bristol)
Ideas and Universities (Bristol)
Immune Responses Underlying COPD Pathology (Cape Town)
Impacts of Grain Legume Research and Development in Developing Countries (Chinese University of Hong Kong)
Indigenous Research Network (Sydney)
In-Herit: The Role of Heritage in Ontological Security during Migration and Displacement (UMass)
Knowledge-Attitude-Practice (KAP) of caregivers in institutions of elder care in Zhejiang Province (York)
Language Assessment Research Network (Zhejiang)
Migration, Development and Global Transformations-MDGT (Bristol)
Migration Policy, Welfare Boundary, Social Integration & Health-related Quality of Life of Children from Immigrant Families (Chinese University of Hong Kong)
Nanotechnology for Healthcare (Southampton)
Ocean Eddies in a Changing Climate: Understanding the Impact on Coastal Climates and Worldwide Fisheries Production (Auckland)
Pedestrian Pathways in the Healthy City (Bristol)
Provision of health service and community care for the elderly: intergenerational roles and equity (Chinese University of Hong Kong)
Resilience in Young People (Cape Town)
Resilient Pasts and Sustainable Futures? Designing Socially Significant Scenarios (York)
Responding and Adapting to Climate Change: Recognizing and Managing Uncertainty in the Physical, Social and Public Spheres (Bristol)
Scoping Survey of Autism Support and Resources: Social Integration of Diagnosis, Healthcare and Support System (Chinese University of Hong Kong)
Spatial Framework for Assessing Environmental Livelihood Security (Southampton)
Stomata: Sensors of Climate Change (Sheffield)
Strengthening the Evidence Base for Public Health Action in Societies Under Transitions through Development and Application of Advanced Methodologies (Leeds)
Structural Reinforcement of Inequality (Leeds)
Transformative Justice Network (York and Leeds)
- Understanding Globalization- Margins and Peripheries (Cape Town)
- Understanding the Impact of Migration on Health: Synthesising the Evidence, Improving Methods and Reviewing Current Policies (Bristol)
- Widening Participation: ‘First in Family’ Students Succeeding in Universities (Auckland)
- The Worldwide Challenge of English (Auckland)

<table>
<thead>
<tr>
<th>Participation on Global Challenge Steering Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GHEAR</strong></td>
</tr>
<tr>
<td>none</td>
</tr>
<tr>
<td><strong>Public Health</strong></td>
</tr>
<tr>
<td>Dr Hayley Christian</td>
</tr>
<tr>
<td><strong>RCC</strong></td>
</tr>
<tr>
<td>Professor Peter Davies (Co-Chair), Associate Professor Judith Berman, Eloise Biggs</td>
</tr>
<tr>
<td><strong>U. Cultures</strong></td>
</tr>
<tr>
<td>Professor Dawn Freshwater (Chair), Associate Professor Judith Berman, Professor Loretta Baldassar</td>
</tr>
</tbody>
</table>

**Performance in RDF 2017**
Submitted 3 applications as lead.
Participated in 4 successful applications.
## Refereed Academic Publications

Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

| 43 |

Details of top three referred publications as above.

Without impact factors and citations, as well as a method by which to compare across disciplines, we find it impossible to differentiate.

**Susan Prescott**


**Mattias Leopold**


Abdulkareem, Gavan McGrath, Matthias Leopold. Thermal imaging of water repellence breakdown and build up following surfactant application EGU2017-5848

**Peter Robertson**


**Petra Tschakert**


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## Funding Secured

**Total** amount of funding catalysed by WUN collaboration. **Only** include funding that has been awarded – do NOT include pending applications.

| $ 981 777 |

Details of top three external funding awards

**Eloise Biggs** – $942 000: Australian Centre for International Agriculture Research (ACIAR), Australia, Climate-smart landscapes for promoting sustainability of Pacific Island agricultural systems, AUD 1,614,000, 2018-21, Eloise Biggs, Bryan Boruff and John Duncan (UWA), Eleanor Bruce (USyd), Andreas Neef (UAuck)

**Peter Robertson** - $25 977: Funding was obtained for the conference held at UWA “China’s New Normal Growth: Opportunities and Challenges”12-14 July 2017, from UBS Investment of 11.47k pounds
**Mattias Leopold** - $8 600: Overcoming constraints to profitable cropping on forest gravel soils of the Western Region

**Conferences**

**Total number of conferences of WUN research groups**

7

**Details of top three conferences**

**Eloise Biggs** Australian Geographers Annual Conference, Brisbane, Australia 12-14 July. Paper presented by Eloise Biggs on Assessing environmental livelihood security for climate-smart landscapes in the South Pacific.


**Peter Robertson** Academic Conference held at UWA “China’s New Normal Growth: Opportunities and Challenges” 12-14 July 2017, approx 200 participants.

**Inbound and outbound mobility from/to WUN partners**

**Total number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners**

<table>
<thead>
<tr>
<th>University</th>
<th>inbound</th>
<th>outbound</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. The University of Alberta</td>
<td>5.5</td>
<td>10</td>
</tr>
<tr>
<td>2. The University of Auckland</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>3. The University of Bergen</td>
<td>14.5</td>
<td>18</td>
</tr>
<tr>
<td>4. <strong>The University of Bristol</strong></td>
<td><strong>56</strong></td>
<td><strong>50.5</strong></td>
</tr>
<tr>
<td>5. The University of Cape Town</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>6. The Chinese University of Hong Kong</td>
<td>12.5</td>
<td>9.25</td>
</tr>
<tr>
<td>7. The University of Ghana</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>8. <strong>The University of Leeds</strong></td>
<td><strong>48</strong></td>
<td><strong>33.5</strong></td>
</tr>
<tr>
<td>9. Maastricht University</td>
<td>16.5</td>
<td>13</td>
</tr>
<tr>
<td>10. The University of Massachusetts Amherst</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>11. The University of Nairobi</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>12. National Cheng Kung University (NCKU)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>13. Renmin University of China</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>14. The University of Rochester</td>
<td>0.5</td>
<td>2.5</td>
</tr>
<tr>
<td>15. <strong>The University of Sheffield</strong></td>
<td><strong>47</strong></td>
<td><strong>39.5</strong></td>
</tr>
<tr>
<td>16. The University of Southampton</td>
<td>10.5</td>
<td>6.5</td>
</tr>
<tr>
<td>17. The University of Sydney</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>18. Tecnológico de Monterrey</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>19. Universidade Federal de Minas Gerais (UFMG)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>20. University College Dublin</td>
<td>8.625</td>
<td>16</td>
</tr>
<tr>
<td>21. The University of York</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>22. Zhejiang University</td>
<td>15.75</td>
<td>14.75</td>
</tr>
</tbody>
</table>

**Details of top three mobility from/to WUN partners**

The University of Bristol
The University of Leeds
The University of Sheffield

**Policy Impact**

**Total number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees**

3

**Details of top three incidences of policy impact as above**

**Petra Tschakert**: IPCC Scoping Meeting for the 6th Assessment Report in Addis Ababa in early May 2017

**Petra Tschakert**: IPCC Special Report on 1.5C Global Warming (ongoing)

**Petra Tschakert**: Continuous contribution to the Expert Group, Action Area 4 of the Warsaw International Mechanism on Loss and Damage, as part of the UNFCCC.
INSTITUTIONAL IMPACT REPORT 2017
THE UNIVERSITY OF YORK

<table>
<thead>
<tr>
<th>Partnership Board</th>
<th>Professor Koen Lamberts, Vice-Chancellor</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAG</td>
<td>Professor Deborah Smith, Pro-Vice-Chancellor (Research)</td>
</tr>
<tr>
<td>Coordinator</td>
<td>Mr Andrew Brown</td>
</tr>
<tr>
<td>Member since</td>
<td>2000</td>
</tr>
<tr>
<td>THE Ranking</td>
<td>137 (2018), 129 (2017)</td>
</tr>
<tr>
<td>QS Ranking</td>
<td>135 (2017), 127 (2016)</td>
</tr>
<tr>
<td>ARWU Ranking</td>
<td>201-301 (2017), 201-300 (2016)</td>
</tr>
</tbody>
</table>

Interdisciplinary Research Groups engagement
Engaged in 21 IRGs / Leading 5 /3 RCC / 0 GHEAR /8 PH /7 UC
Note: Programs on the list are retained for five years from completion to capture ongoing outcomes.

Leading on (PI in brackets):
- Building sustainable mountain systems in sub-Saharan Africa: assessing the linkages between communities, ecosystem services, environment and health (Rob Marchant)
- Developing and Researching the Economics and Mathematics of Selection (DREAMS): Global Perspectives (Paul Tiffin)
- Networking Young Citizens (Brian Loader)
- Transformative Justice Network (Paul Gready)
- Spintronics (Yongbing Xu)
- CARMEN (Elizabeth Tyler)**
- Resilient Pasts and Sustainable Futures? Designing Socially Significant Scenarios (Rob Marchant)**
  
  **Program listed by lead university as completed prior to 2017

Participating in (lead university in brackets):
- Adopting REDD+ for Conservation, Sustainable Community Livelihood and Climate Change Mitigation (Chinese University of Hong Kong)
- Air Sensors Everywhere (UMass Amherst)
- Climate Resilient Open Partnership for Food Security (CROP-FS) (UMass Amherst)
- Comparative Analysis of International Refugee Resettlement International Law Obligations and Policy (Auckland)
- Data Analysis with Privacy Protection for Epidemiological Research (DAPPER) (University of Bristol)
- Early Life Opportunities for Prevention of Non-communicable Disease in Developing Countries (University of Southampton)
- Economics Cross-Cutting Theme (Maastricht University)
- Global Africa Group (University of Cape Town)
- Global China Group (WUN )
- Healthy Kitchens, Healthy Cities (University of Leeds)
- Indian Ocean Archaeology Network (University of Western Australia)
- In-Herit: The Role of Heritage in Ontological Security during Migration and Displacement (UMass Amherst)
- Multilingualism & Mobility in the Northern & Southern Hemispheres (University of Sheffield)
- Negotiating Transition to a ‘Grown Up World’: The Journey to Sexual and Reproductive Health for Unaccompanied Adolescent Asylum Seekers (University of Southampton)
- Pedestrian Pathways in the Healthy City (University of Bristol)
- Performing the Jewish Archive
• Schools as a setting for Reducing Risk Factors for Non-communicable Diseases (University of Auckland)
• Structural Reinforcement of Inequality (University of Leeds)
• Understanding Globalization – Margins & Peripheries (University of Cape Town)
• Web Observatory (University of Southampton)

Global Challenge Steering Group Representatives
GWHEAR
Public Health Dr Amanda Mason-Jones
RCC
U. Cultures
Performance in RDF 2017
Submitted 2 applications as lead.
Participated in 0 successful applications.

<table>
<thead>
<tr>
<th>Refereed Academic Publications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of referred publications, including journal articles, books or book chapters catalysed by WUN collaboration.</td>
</tr>
<tr>
<td>32</td>
</tr>
</tbody>
</table>

Details of top three refereed publications as above.


<table>
<thead>
<tr>
<th>Funding Secured</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total amount of funding catalysed by WUN collaboration. Only include funding that has been awarded – do NOT include pending applications.</td>
</tr>
<tr>
<td>£5,920,000 catalysed in total - £341,000 to the University of York</td>
</tr>
</tbody>
</table>

Details of top three external funding awards

1. ESRC, GCRF, Training for Development: East African Growth Corridors and the China to Africa connection, £5,900,000, 2017, Professor Rob Marchant. Collaborative project involving UN Environment Programme – World Conservation Monitoring Centre and the universities of Cambridge, LSE, Nairobi, Sokoine University of Agriculture. £341,000 to the University of York
2. Roda Electronics Ltd., "Development of high frequency PCB materials for 5G", £20,000, 2017, Professor Yongbing Xu. £20,000 to the University of York
## Conferences

<table>
<thead>
<tr>
<th>Total number of conferences of WUN research groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
</tr>
</tbody>
</table>

### Details of top three conferences

1. Situational Judgement Tests: optimising design and role in selection’, University of Sydney, 24th-25th July 2017, 37 attendees. A series of talks were presented, alongside further open-ended discussion. (DREAMS)

2. ‘The economics of workforce selection’, University of York, 4th-5th December 2017, 17 attendees (mainly academics). A series of talks were presented, alongside further open-ended discussion. (DREAMS)

3. Widening access to the Professions: experience from medical selection’, University of York, 13th-14th February 2017. 19 attendees from network universities, non-network universities, policy institutions and the UN. A series of talks were presented, alongside further open-ended discussion. (DREAMS)

## Inbound and outbound mobility from/to WUN partners

<table>
<thead>
<tr>
<th>Total number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/9</td>
</tr>
</tbody>
</table>

### Details of top three mobility from/to WUN partners

1. DREAMS - Exchange visit from Sydney to York (Indako Clarke, ECR) IRT modelling of a self-handicapping questionnaire.

2. DREAMS - Exchange visit from York to UWA (Paul Tiffin and Lewis Paton): collaborate on how aptitude tests in Australia can be further developed and validated, feeding into the online implementation planned by 2019.

3. Jessica Schoulea – York to Rochester, Department for History of Art: research for PhD project

## Policy Impact

### Total number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees

| 3                                                                                     |

### Details of top three incidences of policy impact as above

1. DREAMS - P.A. Tiffin & L.W. Paton, Report to UKCAT Board on the Potential of Measuring 'Online Confidence' for medical selection, January 2018


**Interdisciplinary Research Groups engagement**

Engaged in 21 IRGs / Leading 4 / 7 RCC / 4 GHEAR / 7 PH / 8 UC

**Leading on** (PI in brackets):

- Social innovation and elderly care (Ka Lin) (PH/UC)
- Assessment and Intervention Technologies for the Movement Ability of older Adult - Cross Country Study (Gangmin Ning)
- Knowledge – Attitude – Practice (KAP) of Caregivers in Institutions of Elder Care in Zhejiang Province (Hengjin Dong)
- Novel Glucose-Responsive Materials for GOX-Free Glucose Sensors (Wang Li)
- Collaborative Care for Dementia in Rural China Primary Care (Chen Shulin)**
- Language Assessment Research Network (He Lianzhen)**
- Inclusive and Green Innovation (Wu Xiaobo)**

**Program listed by lead university as completed prior to 2017**

**Participating in** (lead university in brackets):

- The effectiveness of health service/investment interventions aimed at reducing inequalities in health among older people in China: a longitudinal study (Southampton) (PH)
- Global China Group (Network-led)
- Global Farm Platforms for Optimisation of Grazing Livestock Production Systems (Bristol)
- Ideas & Universities (Bristol)
- Migration with and without Children: Causes and Economic, Social and Psychological Consequences (Chinese University of Hong Kong)
- Stomata: Sensors of Climate Change (Sheffield)
- World-class Universities, Publication and Research Assessment: Rethinking the Mission of HE in the Global Age (CUHK)
- Spintronics (York)
- Crop Resilient Open Partnership for Food Security (CROP-FS) (UMass)
- Critical Zone Observatories (Sheffield)
- Economics Cross-Cutting Theme (Maastricht)
- In-Herit: The Role of Heritage in Ontological Security during Migration and Displacement (UMass)
- Legumes as the Hub of Diversification and Adaptation to Climate Change in Mediterranean Agriculture (University of Western Australia)
- The Worldwide Challenge of English (Sheffield)
- Sustainable Care: Connecting People and Systems (Sheffield)
- Global Adjustments to China’s Growth Transition (University of Western Australia)
- Migration, Development and Global Transformations MDGT (Bristol)
<table>
<thead>
<tr>
<th>Participation in Global Challenge Steering Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHEAR</td>
</tr>
<tr>
<td>PublicHealth</td>
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<tr>
<td>RCC</td>
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<tr>
<td>U.Cultures     Professor Lin Ka</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Performance in RDF 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submitted 2 applications as lead.</td>
</tr>
<tr>
<td>Participated in 1 successful application.</td>
</tr>
</tbody>
</table>
### Refereed Academic Publications

Total number of refereed publications, including journal articles, books or book chapters catalysed by WUN collaboration.

11 publications

Details of top three refereed publications as above.

3. The journal article: The Quality of caregivers in institutions of elder care in Zhejiang Province, supported by WUN project was under reviewing on the journal of Bulletin of WHO.

### Funding Secured

Total amount of funding catalysed by WUN collaboration. Only include funding that has been awarded – do NOT include pending applications.

200 thousand yuan RMB

Details of top three external funding awards

1. Study on the synthesis of ferrocene-based dendrimers and their supramolecular system construction and electrical stimulation. National Natural Science Foundation of China. 200000 yuan RMB

### Conferences

Total number of conferences of WUN research groups

4 conferences

Details of top three conferences

1. 1st Workshop on the Assessment and Intervention Technologies for the Movement Ability of Older Adults – Zhejiang University, 27-28 March, 2017.
2. 2nd Workshop on the Assessment and Intervention Technologies for the Movement Ability of Older Adults – Canada, the University of Alberta, 12-13 June, 2017.
3. 3rd Workshop on the Assessment and Intervention Technologies for the Movement Ability of Older Adults – Hong Kong China, the Chinese University of Hong Kong, 18-19 December 2017.

### Inbound and outbound mobility from/to WUN partners

Total number of inbound mobility from WUN partners / Number of outbound mobility from WUN partners

Inbound mobility 87/ outbound mobility 62

Details of top three mobility from/to WUN partners

1. On March 30, 2017, the University of York delegation led by Vice Chancellor Koen Lamberts visited Zhejiang University.
2. On May 20, 2017, the University of Leeds delegation led by Vice Chancellor Sir Alan Langlands visited Zhejiang University.
3. On May 20, 2017, the Chinese University of Hong Kong delegation led by Vice-Chancellor and President Joseph Sung visited Zhejiang University.

### Policy Impact

Total number of incidences of policy input/development with government and agencies resulting from a WUN collaboration, including white papers, policy option papers, knowledge exchange partnerships and membership of related boards/committees

2

Details of top three incidences of policy impact as above

1. Shared the results to the local government — Xihu District and Lanxi City, and the ageing institutions, to improve the nursing quality.
2. Held the Workshop on the ageing care WUN funded project, which aims to initiate a discussion on the ageing care in different countries especially in developed countries, from the partners universities, how to implement the long term care insurance.