



UNIVERSITY OF
OXFORD

Oxford Institute of Population Ageing

ANNUAL REPORT

2013-2014

THE OXFORD INSTITUTE OF POPULATION AGEING

The Oxford Institute of Population Ageing was established in 1998. Based on the US Population Center, it was funded by a grant from the National Institute of Health (National Institute on Aging - NIA) to establish the UK's first population centre on the demography and economics of ageing populations. It achieved Institute status in 2001.

Oxford Institute of Population Ageing

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"Change in the demographic age structure of populations has become one of the major challenges for the 21st century.

Driven predominantly by falling fertility rates across the globe as the total fertility rates of two-thirds of the globe's countries now reach around or below replacement level, this age compositional shift has huge implications for all aspects of society and economy. Falling mortality rates, especially among the older population has enhanced this age shift, especially in advanced economies.

Key questions addressed by the Institute concern the ageing of populations, the potential of the growing labour pool in emerging economies, and the progress of the fertility transition in least developed economies.

This demographic change affects all regions of the world, from demographic deficits in Europe, demographic dividends in Asia and youth bulges in the Middle East."

Professor Sarah Harper

Director, Oxford Institute of Population Ageing

Aims & Objectives

- To engage in world-class multidisciplinary academic research to enhance understanding and address the global challenges and opportunities of ageing populations.
- To promote and facilitate international collaborative ties between researchers, policy makers and others.
- To disseminate information and facilitate networking and debate among those interested in the future shape of society, through conferences, seminars and workshops, lectures and symposia.
- To enable the acquisition of knowledge and new skills relating to the ageing of societies through the development of education programmes at the Masters and Doctoral level and through professional development courses.

Director's Report

This academic year, 2013/14, saw the Institute reach our sixteenth year. We were established in 1998, based on the US Population Center, and funded by a grant from the *National Institute of Health (National Institute on Aging - NIA)* to establish the UK's first population centre on the demography and economics of ageing populations.

The funding base of the Institute remains over £4 million. We are particularly grateful to the following institutions for their generous donations and continuing support:

The *Clare Duffield Foundation* is a grant-making organisation which concentrates its support on education, the arts, museum and gallery education, leadership training, health and social care and enhancing Jewish life. The foundation sponsors the Institute's *Clare Programme of Population Dynamics*.

The Institute's relationship with the *Oxford Martin School* has also been central to our progression this year. The School was founded with the belief that this century, and specifically the next two decades, is a crucial turning point for humanity. The Institute was one of the Martin School's founding Institutes in 2005 and undertakes inter-disciplinary research funded by the School. This year we continued our involvement in three OMS linked projects: the *Future of Food Programme*, the *Demographic Forecasting Project* and the *Managing the Commons* collaboration. All three involve collaborations with colleagues in different departments and

divisions of the University, made possible by the inter-disciplinary approach of the OMS. We were also involved in the OMS publication *Is the Planet Full?*, presenting our demographic research contribution to this volume alongside OMS colleagues at a variety of venues, including the *Oxford Literary Festival* and the *Hay Festival*.

The Institute has developed the *Collen Programme* researching the relationship between fertility, education and environment, funded by the *Life Sciences Research Partners*. The purpose of the foundation is to carry out, promote and support scientific research in general, and biomedical and biotechnological research. Highlights of the year include our April Conference on fertility change in the South, and our demography Spring School.

The Institute continued its collaboration with *HelpAge International* working with the NGO in several Asian countries. A concept developed with the Institute of Population Ageing by HelpAge International was launched as the first Global Ageing Index in November 2013.

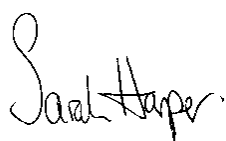
The Institute also developed a new collaboration with the *UNECE Population Unit* and *European Commission's Directorate General for Employment, Social Affairs and Inclusion*, working with the European Ageing Index Panel

Our collaboration via the *IARU (International Association of Research Universities)* was further developed this year with new initiatives developed with the University of Copenhagen.

A new course on the *Dynamics of Population Development* was this year developed at the University of Guanajuato, Mexico. This is part of the *British Academy* funded research and and capacity building activities designed by LARNA (*Latin American Research Network on Ageing*) around the key challenges of population change in Latin America.

Within Oxford, the Institute's collaboration with the *Saïd Business School's Global Opportunities and Threats Oxford (GOTO) Programme* continued. This is an e-learning programme and action-oriented, problem-solving community geared towards addressing some of the most complex issues that the world faces today. Students, alumni and faculty can connect via this online platform to discuss, debate, and drive new business ideas that address global issues. The GOTO community addresses problems across generations, across nations and across business sectors. The first challenge identified by the Saïd Business School was the 21st Century Population Change – and the Institute designed and delivered this first online course.

A new initiative has been developed alongside our colleagues from the Medical Sciences Division as we work with them on a *European KIC* bid around Healthy Lives.



The academic year also saw several meetings hosted by the Institute:

The Collen Programme hosted the Conference *Fertility Transition in the South* in Oxford, April 2014.

The LARNA Fifth International Conference on *Inter-generational Relationships* was held in September 2014 in Buenos Aires, Argentina.

A delegation from the Institute attended the *XVIII ISA World Congress of Sociology* in Yokohama, Japan in July 2014.

The *International Handbook of Ageing and Public Policy* was published this year by Edward Elgar, jointly edited by members of the Institute.

This year the Institute expanded its termly seminar series to two formal seminars a week, one on demography, the second covering topics on ageing populations per se. It continued its informal internal series allowing students and visitors to present weekly and more senior academics to explore early research ideas, or findings with colleagues. Series this year covered *Demography, Agriculture & Food; Health and Social Care Integration; Research Methods in Demography; and Art, Museums, Wellbeing & Ageing*. We also welcomed some thirty visitors from around the globe

This year has been a year of developing new initiatives, and consolidating past research. We look forward to the challenges and opportunities of the next academic year.

Professor Sarah Harper,
Professor of Gerontology,
Director,
Oxford Institute of Population Ageing

Members of the Oxford Institute of Population Ageing – 2013/14

Professor Sarah Harper

Director of the Institute,
Professor of Gerontology

Dr George Leeson

Co-Director of the Institute

Kenneth Howse

Senior Research Fellow

Dr Jaco Hoffman

Senior Research Fellow

Dr Joyann Andrews

Research Fellow

Dr Emanuela Bianchera

Research Fellow

Professor Bleddyn Davies

Professorial Fellow

Dr Sylvie Dubuc

Senior Research Fellow

Dr Melanie Channon

Research Fellow

Dr Kate Hamblin

Research Fellow

Dr Laurel Hixon

Research Fellow

Dr Hafiz Khan

Associate Research Fellow

Dr Alejandro Klein

Associate Research Fellow

Dr Pia Vogler

Associate Research Fellow

Dr Maja Zaloznik

Research Fellow

Dr Katia Padvalkava

Senior Research Officer

Nana Nanitashvili

Research Officer

Elisabeth Galleguillos

Research Officer

Paul Ayernor

Research Officer

Imogen Harper-Donnelly

Research Officer

Debbie Alder

Institute Admin Officer

Anne Mackintosh

Research Facilitator

Caroline Harper-Donnelly

Institute Secretary

Norainie Ahmad

Student

Brian Beach

Student

Francesca Ghillani

Student

Pamela Irwin

Student

Jiweon Jun

Student

Patricia O'Neill

Student

Burcu Ozdemir

Student

Atulya Saxena

Student

Matthew Tye

Student

Keke Zhao

Student

Visitors 2013-2014

Jaco Hoffman, Debbie Alder and Katia Padvalkava continue to run the Institute's visitors' programme. During the 2013/2014 academic year a total number of 25 longer term visitors, pursuing their own independent research or as part of the Collen research programme, visited the Institute. They represented around 15 countries from across the globe.

General Visitors

1. Elisabeth Galleguillos (Switzerland)
2. Tao Jikun (China)
3. Gong Xiaodong (China)
4. Baoming Yin (China)
5. Judith Holder (UK)
6. Cláudia Alexandra Teixeira Azevedo (Portugal)
7. Phillipa Coore (Australia)
8. Tomoyo Takagi (Japan)
9. Jana Gerold (Switzerland)
10. Chris Taylor (Australia)
11. Janine van Aardt (South Africa)
12. Eduardo Oliveira (Portugal)
13. Rosa Maria Perez Vargas (Mexico)
14. Carlos Montes de Oca (Mexico)
15. Aline Soutomaior, (Mexico/Brazil)
16. Alejandro Klein (Mexico)
17. Hongyan Yang (China)
18. Professor Mariano Sanchez (Spain)
19. Louise Tan (Australia)
20. Mariano Sanchez

Collen Visitors

1. Pia Vogler (Austria)
2. Professor Anne Ruhweza Katahoire (Uganda)
3. Dr Mehmet Tosun (USA/Turkey)
4. Dr Betty Kyaddondo (Uganda)
5. Sibusisswe Mavuso (South Africa)
6. Professor Akim Mturi (Tanzania/South Africa)

Research Strands

The Oxford Institute of Population Ageing's primary aim is to undertake research into the implications of population change. Our research is divided into six main strands:

1. Understanding Demographic Change
2. Demography & Economy
3. Demography & Society
4. Bio-demography & Health
5. Demography & Innovation
6. Demography & Environment

Understanding Demographic Change

Coordinator: Dr George Leeson

Report: Population Dynamics

Scale and Context:

The main question driving the matched funding research is "How will societies adapt in a physical, economic, and social way, to the significant 21st Century population changes?"

The research aims:

1. to consider the **prediction** of population change in light of the complex trends of the late 20th and early 21st centuries
2. to create a more comprehensive **understanding** of the impact of future population dynamics.

The research addresses in an interdisciplinary manner the range of complex interactions between societal, environmental and demographic change. Involved in this are demographers, economists, anthropologists, philosophers and environmentalists. These interdisciplinary teams undertake research individually and collaboratively in the Demographic Forecasting Project (DFP) (Dr George Leeson), and the Population-Environment Programme (The Clore Programme - Professor Sarah Harper).

The Oxford Martin matched funding research is linked to the Institute's Clore Programme led by Professor Sarah Harper. This report relates only to the Oxford Martin matched funding research led by Dr Leeson.

There are two additional research initiatives which the DFP has continued to develop directly with the Clore Programme, namely

- Future of Food (OMS): *Implications for food production of ageing food producers and environmental change: a case study of Vietnam*
- Life Sciences Research Trust (Collen Programme): *Fertility, Education and Environment*

Academic Excellence:

Academic Excellence has been achieved in two areas: interdisciplinary research and capacity building and network collaboration. The main focus geographically has been Europe, sub-Saharan Africa and Latin America.

In each region, experts have been identified and collaborative research and dissemination is being undertaken with these academic associates, who have spent time at the Institute working with various colleagues.

Research

In line with the stated research aims, the DFP has developed a number of collaborative and interdisciplinary research initiatives with external experts in Europe, sub-Saharan Africa and Latin America.

In Europe, the DFP has four research initiatives:

- *Migration and Fertility in Central & Eastern Europe* This innovative research looks at reproductive economic development, female emigration and fertility change in five selected countries (Bulgaria, Poland, Romania, Slovenia and Hungary) and is being carried out in collaboration with experts in each of these countries. *(leveraged additional funding from the University's John Fell Fund)*.
- *Future prospects for longevity* in the United Kingdom and Denmark. Working closely with the national statistical bureaux in the two countries, this research looks at the future prospects for longevity and its impacts on population ageing. This work will also be extended to Latin America.
- *Educattion, environment and fertility in sub-Saharan Africa* is being researched extensively under the programme funded by the Life Sciences research Trust and is bringing together a network of researchers, practitioners and policy makers across sub-Saharan Africa.

In Latin America, the DFP has three research initiatives:

- *Demographic development in Latin America* This work continues to map demographic development across the region since 1950 exploring convergence/divergence of demographic components and forecasting the future developments and their impact on health and social care, family and financial security; *(leveraged additional funding from the British Academy and in collaboration with Professor Alejandro Klein, University of Guanajuato-Leon, Professor Veronica Montes de Oca, UNAM, and Dr Gilbert Brennes, Central American Population Center, University of Costa Rica)*.
- *The Impact of Return Migration to Mexico on Health Profiles and Provision* (in collaboration with the Institute of Geriatrics in Mexico City and with Dr Marisa Macari, Mexico). This work follows on from a workshop held in 2011 in Mexico City at the Institute of Geriatrics;
- *Financial (in)security in old age in Latin America* (in collaboration with Professor Veronica Montes de Oca, UNAM, and Professor Carla da Silva Santana, University of Sao Paulo, Brazil). The research is utilising data from the Global Ageing Survey, led by Dr Leeson at Oxford.

Research publications and conference presentations from these activities are provided in the impact section below.

Capacity building and network collaboration:

In close collaboration with both the Clore and Collen Research programmes, the DFP capacity building and network collaboration have targeted academics, policy makers and practitioners in the three regions.

Activities have included:

- Seminar Series in Trinity 2013 – *Fertility and Education*;
- Seminar Series in Michaelmas 2013 – *Demography, Agriculture and Food*;
- Seminar Series in Hilary 2014 – *Fertility and Development*;
- International population ageing colloquium addressing the impact and implications of population change, hosted by the University of Sao Paulo in collaboration with the Institute, October 2013;
- Two workshops at the University of Copenhagen's Summer School, July 2013, entitled *The dynamics of demographic ageing* and *Ageing populations: implications and impact*;
- Capacity building as part of the British Academy International Mobility Award with workshops in Mexico and Costa Rica (March 2014) and academic visits to Oxford from the University of Guanajuato-Leon (March-April 2014).

Impact:

The impact of the Oxford Martin matched funding research (over and above the capacity building impact outlined above) is measured in terms of academic publications, press and public outreach, and policy activity. Invited keynotes are also considered as an impact-output of the matched funding research and are therefore included in this report.

However, it is felt in addition that the interdisciplinary and global nature of the research and other activities is itself an impact factor. Workshops have also engaged policy makers and practitioners, and the activities outlined in the academic excellence section have reached significant numbers of colleagues in the regions.

Some of the press and public outreach activities, invited keynotes, policy activities and publications are presented below.

Academic Publications:

Drivers of demographic change in the 20th and 21st centuries, forthcoming in *International Handbook of Ageing and Public Policy*, Edward Elgar, 2014.

Familial solidarity and orientation, and life enjoyment in later life in urban areas of Malaysia, the Philippines and Singapore, forthcoming in *Families, Relationships and Societies*, 2014.

Increasing Longevity and the New Demography of Death, *International Journal of Population Research*, vol. 2014, Article ID 521523, 7 pages, 2014. doi:10.1155/2014/521523.

Future prospects for longevity, *Post Reproductive Health*, Vol. 20 (1), pp. 17-21, 2014.

The demographics of ageing in Latin America, the Caribbean and the Iberian Peninsula, 1950-2050, in *Envejecimiento –en America Latina y elCaribe* (ed. Montes de Oca, V.), pp. 53-75, UNAM, Mexico, 2013.

Migration and Fertility Development in Central and Eastern Europe, Submitted, under revision 2013.

Variations in grandchildren's perceptions of their grandfathers and grandmothers: Dynamics of age and gender (with Mann, R. & Khan, H.), *Journal of Intergenerational Relationships*, Vol. 11 (4), 2013.

Attitudes towards bearing the cost of care in later life across the world (with Khan, H. & Findlay, H.), *Illness, Crisis and Loss*, Vol. 21 (1), pp. 46-69, 2013.

Levels of welfarism and intergenerational transfers within the family: evidence from the Global Ageing Survey (GLAS) (with Khan H), in *Global Ageing in the Twenty-First Century – Challenges, Opportunities and Implications* (eds. McDaniel, S A & Zimmer Z), pp. 291-308, Ashgate, Burlington USA, 2013.

Achieve Replacement Level Fertility in *Creating a Sustainable Food Future World Resources Report: 2013-14* (with Searching, T. and Harper, S.)

Press and public outreach:

- 11 February 2014 - BBC Radio 4 'Woman's Hour': Increasing longevity and its consequences for individuals, families, the workplace and communities;
- March 2014 – Book launch, UNAM, Mexico, Ageing in Latin America;
- 14 November 2013 – BBC Radio Berkshire: modern retirement and ageing on the occasion of Prince Charles' 65th birthday;

Keynotes:

- Annual Scientific Meeting of the Faculty of Occupational Medicine, Royal College of Physicians, London, 28 May 2014.
- *21st century demographic development and what it will mean for today's young people*, GDST Heads' Conference, Blenheim Palace, Woodstock, 5 October 2013;
- *Future Projections on Longevity*, Royal Society of Medicine, London, 2 October 2013;
- *The Demography of Death in Latin America*, IVth International Population Ageing Colloquium, University of Sao Paulo, Brazil, October 2013;
- *The Demographic Challenge of Ageing Populations*, JDC International Centre for Community Development (JDC-ICCD), ThinkLab, Oxford, September 29 to October 1, 2013;
- *Managers and the European Labour Market: Facing Demographic Change through Active Ageing*, Global Perspectives Conference - 'The WELT Sprecherausschusstag', Berlin (May 2013);

Policy:

- Invited as demographic expert to address *impact of demographic developments on issues relating to food safety and nutrition* at the European Commission, Health and Consumers Directorate-General, DG-SANCO, Directorate E -Safety of the Food Chain - series of expert group meetings to help develop a strategy for DG SANCO's policy and legislative framework to deliver on EU food safety and nutrition to 2050 (2013-2014);

Additionality:

The Oxford Martin matched funding research is integrally linked to the Institute's Clore Programme and Collen Programme, both led by Professor Sarah Harper. Without the matched funding, the DFP led by Dr Leeson would not have been possible, nor would it have been possible to leverage the additional funding itemised elsewhere.

As explained, the research aims in an inter disciplinary manner

1. to consider the **prediction** of population change in light of the complex trends of the late 20th and early 21st centuries

2. to create a more comprehensive **understanding** of the impact of future population dynamics.
 - In this respect, the Oxford Martin School has provided a forum of academic exchange with others interested in population studies and demography, and has enabled a series of close collaboration to be forged, particularly with OMS colleagues in Geography, Zoology, IMI and Environmental Change.
 - It has created opportunities for dissemination of the Global Ageing Survey (GLAS) study (lead by Dr Leeson).
 - The matched funding has enabled the development of a number of collaborative and interdisciplinary research initiatives with external experts in Europe (4) and Latin America (3).
 - In collaboration with the Clore Programme it has leveraged funding from the Future of Food, OMS and from the Life Sciences Research Trust
 - In addition, it has enabled us to build on British Academy support to expand research activities with the Institute's Latin American research network.

These research activities of the DFP have been enhanced via its contribution to the Institute Visitors Programme. During the past year this Visitors Programme has enabled the Institute to welcome scholars in demography who have contributed to the DFP capacity building and collaborative research across the globe.

A total of 28 visitors linked to DFP have spent time at the Institute May 2013 – April 2014 and these have included:

- Professor Wolfgang Lutz, Vienna, Austria: Demographic Forecasting
- Professor Alejandro Klein, Guanajuato-Leon, Mexico: The dynamics of demographic change in Central America
- Professor Luis Fernandez Garcia, Guanajuato-Leon, Mexico: Social demography
- Dr Mehmet Tosun, University of Nevada, USA: Migration across demographic divides
- Professor Norbert Meiners, University of Applied Sciences, Germany: Economics of Ageing
- Baoming Yin, China: Internal migration in China
- Carlos Montes de Oca, Guanajuato-Leon, Mexico: Ageing and the political processes
- Dr Tomojo Takagi, Tokyo, Japan: Ageing workforces
- Dr Anne Katahoire, Uganda: Fertility and education

While the British Academy award from 2009 enabled the Institute to establish its Latin American research network, the Oxford Martin matched funding award for the DFP was crucial in order for this to survive and develop to an interdisciplinary research network. This now numbers almost 60 scholars in the region from Mexico, Brazil, Chile, Peru, Argentina, Uruguay, Costa Rica and Honduras. As a result, a British Academy International Mobility Award has been secured to help develop capacity in social demography in Mexico.

Likewise, while NORFACE funding in 2006-8 enabled the Institute to establish its research network in Central and Eastern Europe, the Oxford Martin matched funding secured the continued development of the network and associated research programme, and plans are in place for a workshop in December 2014 around depopulation in rural areas of the region. The interdisciplinary network now numbers more than 50 scholars covering the region, and this part of the DFP links with the IMI at the Martin School.

Oxford Martin matched funding has also been instrumental in furthering the collaboration between the Institute's networks. One illustration of this is the planned collaboration between LARNA and AFRAN (African Research on Ageing Network) to address key population ageing issues in a South-South dialogue. This collaboration will commence with a workshop in Argentina December 2014 to identify key research areas and to promote South-South capacity building.

Finally, together with two DFP visitors, Dr Mehmet Tosun and Professor Nilufer, we have begun the development of an interdisciplinary research network for demographic development in the Middle East and North Africa, and it is planned that the network will meet in Oxford in the Spring of 2015.

Other awards/measures of esteem:

British Academy International Mobility Award 2012-2015, Dr George Leeson

Leverage:

- British Academy, Research Grant
- CEC - European Association of Managers and Professionals.
- Future of Food (OMS) grant (with Clore Programme)
- Life Sciences Research Trust (with Clore Programme)

DFP Associates:

Professor Alejandro Klein, University of Guanajuato-Leon, Mexico

Professor Veronica Montes de Oca, UNAM, Mexico

Professor Carla da Silva Santana, University of Sao Paulo, Brazil

Dr Mehmet Tosun, University of Nevada, USA

Professor Nilufer Yaylagul, Akdeniz University, Turkey

Dr. Zsuzsa Széman, Institute of Sociology of the Hungarian Academy of Sciences, Budapest

Professor Agnes Nemenyi, Department of Sociology, University Babes-Bolyai, Cluj-Napoca, Romania

Sustainability:

The sustainability of the DFP has been secured by the research award from the Life Sciences Research Trust. This will enable the DFP to develop African research and to extend the LSRT research on fertility and education into Latin America.

Other steps are being taken to secure more funding to develop additional DFP research:

- working with colleagues in Zoology as part of the Oxford Martin Future of Food Programme
- working with colleagues at the Royal Academy of Art and the Centre for Healthy Ageing, University of Copenhagen, to develop a multi-disciplinary project combining demography, economics and spatial design.
- working with colleagues in Romania and Hungary to develop research into the consequences of depopulation in rural areas of Central and Eastern Europe (beginning with a workshop ultimo 2014);
- working with colleagues in the Institute's African and Latin American research networks to develop a South-South research strategy to address population and environmental interactions in the regions This work will begin with the planned workshop ultimo 2014.

Personnel:

May 2013 – April 2014, Dr Leeson has been employed on the award at varying percentages (because of his cross-funding from the Collen programme).

Demography & Economy

Coordinator: Professor Sarah Harper

The Institute supports a wide range of research looking at the implications of demographic ageing for national and international labour markets, retirement practices, and pension provision. The academic year has seen the development of several research projects.

The Longevity and Risk Programme

(Joint with Bio-Demography and Health)

PI: Kenneth Howse

Of particular interest is the continued growth in longevity and the impact this has on an individual's capacity to plan financially across their life. The lack of financial planning and financial preparedness for retirement is an acknowledged problem in many countries. The 'Longevity and Risk Programme' at the Oxford Institute of Population Ageing examines these key questions, asking whether and how our present understanding of the determinants of recent mortality trends should be incorporated into projections of future mortality trends. Initial work by Dr Leeson and Professor Harper suggests that, in terms of risk, people have great difficulty assessing the scope of their financial security in old age. This is due to:

- lack of retirement preparedness
- lack of financial literacy
- overestimation of the financial robustness of retirement investment
- Under-estimation by the individual of their own longevity.

The main factors in mortality decline - increasing standards of living, better public health infrastructure, improved personal hygiene, medical care and drug use - are now also making an impact on extending later life. Howse's analysis has identified key questions:

- Chronic degenerative diseases are now the main causes of death in the populations of the developed world. Is it realistic to expect 'cures' for any or all these diseases?
- Disease prevention often means simply delaying the onset of disease to later ages. Are we increasing the age of onset without being able to reduce the lifetime risk?
- There is strong evidence to show that early life factors affect late life disease and mortality. What is the relative importance of various risk factors at different stages of the lifecycle?

The Longevity and Risk Programme at the Oxford Institute of Population Ageing examines these key questions. In particular it asks whether and how our present understanding of the determinants of recent mortality trends should be incorporated into projections of future mortality trends.

Ageing Workforces

PI: Professor Sarah Harper

The global labour market is being transformed. For several decades now, the richer older OECD (Organisation for Economic Co-operation and Development) nations have relied on young migrant labour to compensate for their old age dependency ratios. However, as fertility falls across Asia and Latin America, global ageing will intensify the world's skills shortage and potentially create severe competition in the global labour market. It is thus essential that countries look to the skills base within their own economies and retain, rather than cast out, experienced older workers in their fifties and sixties. Such a policy would also address another major OECD concern, namely, increased spending on pensions - as people would work and contribute to the pension pot for longer, and draw down for less time. This would also allow more of the public purse to be spent on the growing number of over 80s, who will need long term care.

The Ageing Workforce Project continues to examine key questions through our extensive evidence base collected using self-report surveys, interviews, observation, documentary, and secondary data analyses. In particular:

- How productive will these older workers be?
- How able are older men and women to re-train?
- Will their capacity to take on complex tasks decline with age?
- What role does age discrimination still play?

Preparing for Later Life

PI: Dr George Leeson

Funding: MetLife

The research focuses on those born in the UK between 1952 and 1962 to assess, among other things, their attitudes to later life and retirement, along with their financial preparedness for retirement. This work comprised a survey of one thousand individuals as well as focus groups from the identified generation. Work to compare UK findings with similar findings from Korea and the US is now under way.

Demography & Society

Coordinator: Dr Jaco Hoffman

Increasing life expectancy implies that family members will spend more of their life time with each other - as partners, as brothers and sisters, as parents with their children, or as grandparents with their grandchildren. Many grandparents will not only accompany their grandchildren into adulthood, they will also see the birth of great-grandchildren. Intergenerational relations have also been influenced by decreasing fertility. During the 1960s, women in the UK had, on average, three children. By the turn of the millennium, fertility had dropped to around 1.6 children per woman, and

has slightly recovered to 1.9 children per woman since then. As a consequence, fewer younger people meet older people within the same family network. Fewer children and grandchildren enjoy the attention of more healthy and fit grandparents, and older people have to cope with fewer children and grandchildren being there to look after them. The combination of an extended lifespan and the existence of fewer family members has resulted in a narrowing of the more recently born generations and a verticalization of family structures ('beanpole families') in which individuals may grow older having more vertical than horizontal linkages in the family.

The Institute now holds an extensive evidence base on communities, families, and relationships between the generations. This evidence has been collected using quantitative and qualitative research methods, including self-report surveys, interviews, observation, secondary data analyses, and documentary analyses. We have cross-sectional and longitudinal data from countries all across the globe.

Key questions addressed

- **How are our families and communities being transformed?**
- Will our cities be able to cope with the growing demand for new transport services and housing structures?
- Will we be able to provide appropriate communities for the growing number of older people?
- Who will care for older people in the community?
- Will there be enough children to care for the number of parents, grandparents or even great-grandparents alive in each family?
- Will new extended families still have a strong sense of obligation to their new family members?
- What will happen to our young in this new 'grey' world?

Current **research interests** in this area are:

Intergenerational relationships in bilingual families

Researchers: Professor Sarah Harper, Robin Mann, Emanuela Bianchera

Funding: Leverhulme Trust

The project explores the role of grandparents in heritage maintenance within minority ethnic linguistic groups through a comparative study between Welsh grandparents and Italian grandparents, the latter belonging to the migrant communities of South Wales.

Intergenerational transfers: a comparison of Asia and Europe

Researchers: Professor Sarah Harper, Dr George Leeson, Hafiz Khan

Funding: HSBC

Past research on intergenerational transfers has been focused either on the family and implications for family solidarity, or welfare regimes and the relationship between the public and the private. It is clear, however, that there are wider complexities which need to be considered. This research addresses change in Europe and Asia, examining countries at different stages of their demographic

transition, having different demographics, different welfare regimes, and different cultural family systems and norms. The research focuses on four European countries – UK, France, Germany and Denmark; four Chinese societies – China, Hong Kong, Singapore and Taiwan; and four emerging economies in Asia – India, South Korea, the Philippines and Malaysia.

Older persons and the intergenerational contract in contemporary South Africa: configurations and reconfigurations in the context of HIV/AIDS

PI: Jaco Hoffman

Funding: Oppenheimer Fund

South Africa currently has an estimated 1.2 million HIV/AIDS orphans (UNAIDS, 2006) - a figure predicted to rise to 2.3 million by 2020. The result of this phenomenon for many older persons (specifically older women) is their asymmetrical role as constant carers of both their infected children as well as their orphaned grandchildren. Based on the narratives of the different generations in multi-generational networks (both HIV/AIDS-affected as well as non-affected), this research qualitatively explores the complexity of the experiential aspects of this phenomenon in Mpumalanga, South Africa, and how these relate to the understanding of the intergenerational contract.

A RESEARCH AGENDA ON FAMILIES AND AGEING IN AFRICA

Coordinator: Jaco Hoffman with Isabella Aboderin and Norah Keating

Funding: North-West University, South Africa

The world looks to families as the key social group in which older people are embedded and supported. Nowhere, arguably, is this truer than in Africa, one of the globe's poorest and least developed regions where – in the broad absence of comprehensive formal welfare systems – families are pivotal for understanding and for addressing challenges and opportunities of ageing. A sound empirical and theoretical understanding of these realities is urgently needed, not only to fill an acute gap in our knowledge about the fabric and functioning of African societies, but also to provide a basis for forging appropriate policies to strengthen families and their support systems to harness ageing in the region.

THE WORKSHOP In response to this need, the Global Social Initiative on Ageing (GSIA) of the International Association of Gerontology and Geriatrics (IAGG) convened an expert workshop to forge a research agenda on families of older adults in Africa. The resulting research agenda is intended as an open resource for all those interested in examining issues of families and ageing in Africa toward informing policy and practice, and advancing global debates in gerontology.

Bio-demography & Health

Coordinator: Kenneth Howse

The Institute has a diverse set of research projects underway or in development on topics related to health and longevity. Several of the projects sit within health economics and deal with health status and its determinants in later life. There are also a number of projects which focus more closely on the policy implications of ageing populations for health and long-term care.

Fair and efficient targeting in subsidising social care for frail older people

PI: Professor Bleddyn Davies

The project analyses the implications of changing social and economic circumstances (including projected growth in populations at risk, and changes in competencies and expectations), governmental policy values and priorities, and knowledge about the impacts of resources on outcomes for targeting the subsidisation of support in England.

Equity and efficiency implications of changes in policy narratives for social and long-term care of frail older people since 1980

PI: Professor Bleddyn Davies

Political scientists and social policy analysts have described how policy ends and means for broad areas have differed between periods since 1980. This project analyses the content of policy statements, supplemented with analyses of publicly available data and collections, and analyses led by the author, to investigate and analyse continuity and change in the prioritisation of policy goals, assumptions about the effects of policy means, and instruments for securing policy implementation for social and long-term care for older people.

The Longevity and Risk Programme

(joint with Demography and Economics)

PI: Kenneth Howse

See **Demography and Economics**

Care in Bangladesh

PI: Kenneth Howse

Funding: Beveridge Foundation

The population of Dhaka is currently around 30 million and rising, and the services provided are unable to cope with demand. Families find that they are unable to care for elderly relatives, as they need to be out earning money to pay for food and housing. These problems can cause immense strain, leading to breakdowns in family life and the lowering of respect for the elderly. Elderly people become neglected and can suffer abuse to the extent that their quality of life is seriously affected. Yet help with very simple personal care activities such as bathing, washing hair, cleaning clothes, exercising, etc. can radically enhance their quality of life. The project is an evaluation of the personal homecare service provided by Beveridge Carers.

Demography & Innovation

Coordinator: Kate Hamblin

Across the cohorts of a population, the socio-economic and demographic characteristics of each cohort reflect life-course experiences and societal developments across that life-course. In turn, these characteristics (including educational attainment) determine the skills set (broadly defined) of individuals in different cohorts and therefore determine their potential for full and active citizenship across the life-course.

In recent decades, the introduction of information and communications technology (ICT) into the everyday environment of citizens across all cohorts means, increasingly, that an understanding and utilization of ICT is a fundamental pre-requisite for full and active citizenship – in the family (inter- and intra-generational interactions), in the workplace, and in the public domain through access to public information and broader information. Cross-cohort heterogeneity introduces the risk that this development, while enhancing the potential for full and active citizenship of individuals, is in danger of creating a polarization of the population, which (for a number of reasons) may reflect an unfortunate age-divide. In addition, the speed of continued development means that the ICT age-divide is not transitional, but simply takes on a different composition as new cohorts acquire new ICT skills.

Technology also plays an important role in allowing older adults to remain active citizens in the community. The Institute is particularly interested in the interface between the needs and abilities of older people and engineering the production of technology to fulfil these needs.

AKTIVE: Advancing Knowledge of Telecare for Independence and Vitality in later life

Researcher: Dr Kate Hamblin

Funding: TSB and ESRC

This £1.3m project, funded by the Technology Strategy Board and ESRC through the Assisted Living Innovation Platform, was conducted over three years from June 2011-May 2014 in collaboration with the Centre for International Research on Care, Labour and Equalities (CIRCLE, University of Leeds); Tunstall Healthcare (UK) Ltd.; and Inventya Solutions Ltd. These key partners worked with the support of the wider AKTIVE consortium, comprising medical experts, experts on design, risk, disability and ergonomics, telecare commissioners in two local authorities and a range of agencies representing and supporting older people, carers and care workers. AKTIVE also had the benefit of an Advisory Board comprising leading experts in the field. The project investigated following topics:

- What are the characteristics of older people who use telecare, and in what context are they doing so? (With a focus on older people with dementia and / or susceptibility to falls.)
- How is telecare equipment used in private homes, and what is its significance for the users, carers, agencies and workers operating there?
- How, when and in what ways can (unpaid family) carers benefit from the use of telecare in older peoples' homes (and does this affect carers' capacity to remain in paid employment)?
- What are the barriers to the adoption of telecare for individuals, families, local communities and service providers (and what innovations are needed to overcome them)?

- Does telecare offer opportunities to improve job design and job quality for care workers, providers and commissioners, or for other health and related workers who attend older people at home, and does it improve outcomes for older people and their carers?
- What are the main features of the current / future market for telecare, and what can be done to enhance innovation and improve take-up of appropriate technical developments?

The study involved:

- extensive mapping of state-of-the-art knowledge on the topic;
- analysis of telecare monitoring data in two local authorities;
- the development and use of a new methodology – ‘*everyday life analysis*’ - to explore how telecare installations impact on older people and their care networks, in a sample of households which will be studied over the course of a year;
- expert investigation and analysis of prospective risk for patients with falls and dementia diagnoses;
- extensive dissemination and development activity to refine telecare products to meet client needs, identify effective routes to market for telecare solutions, and engage with bodies which support and advise carers and care workers working with older people in the identified groups.

Demography & Environment

Coordinator: Professor Sarah Harper

The challenge raised by the interaction of global climate change and rapidly changing demographic structures throughout the world carries both opportunities, if successfully managed, and significant risks, if public policy interventions fail. The impact of population change upon the environment, and conversely that of environmental change upon populations, has been surprisingly ignored by most environmentalists and demographers and, when it has been considered, the issue of population growth has dominated the analysis, to the almost complete neglect of key dynamics in population structure (age structural transitions, spatial distributions, cohort changes). Yet the interaction of age structural changes, urbanisation and migration is likely to have a significant, as yet unknown, effect.

Complex Environmental Population Interactions Project

PI: Professor Sarah Harper

Funding: Clore Foundation

This project unites key demographers, economists, anthropologists, philosophers and environmentalists to address - through research, modelling and scenarios - the range of complex interactions between environmental and demographic change over the first half of the 21st century.

Implications for food production of adaptation to environmental change with an ageing agricultural sector: a case study of changing pest environments in Vietnam

PI: Professor Sarah Harper

Funding: The Oxford Martin Future of Food Project

The project addresses two key elements of the food security debate:

- the role of environmental change; climate and insect
- the structure of the farming population; age and gender

The project is multi-disciplinary, combining the expertise of both the Institute of Population Ageing and the Department of Zoology.

It is now recognised that the combined impact of extreme weather and pest outbreaks, both in terms of pest damage and vectors of disease, could be catastrophic for Asia's agricultural sector. Adaptation and mitigation are thus approaches which are being increasingly adopted, often in combinations as Integrated Pest Management. However, the growing concentration of agricultural production in small holdings farmed by older, predominantly female, farmers with low levels of literacy and education, is leading to an agricultural population which does not respond well to adaptation measures. Globally, there are an estimated four hundred and fifty million small-scale farms, supporting a population of roughly 2.2 billion people and representing 85% of the world's farms. The key research question addresses the adaptation to environmental change, brought on by both climate change and land use changes, requiring modern adaptive methods of farming at a time when the farming population is ageing. The project explores the impact of changing insect populations and the perceived need to move to modern agricultural methods in order to address this changing pest environment with an increasingly ageing uneducated farming population.

Research Regions

African Research on Ageing Network – AFRAN

Coordinator: Jaco Hoffman

During 2013/14 the AFRAN team (Jaco Hoffman, Paul Ayernor, Janine van Aardt) focussed on the following aspects:

- AFRAN data base

511 references with articles attached in 6 categories with sub-fields:

- 1) Population Ageing with sub-fields Fertility, Mortality and Migration;
- 2) Intergenerational studies with sub-fields Families, Care and Living arrangements;
- 3) Human Rights and Elderly abuse;
- 4) Health with sub-fields General Health, HIV and Aids and Mental Health;
- 5) Economics of ageing with sub-fields Pension, Social security and Poverty
- 6) Care

The data base was updated by Janine van Aardt and Paul Ayernor:

130 Individual members (researchers, policy makers and practitioners), representing 25 different countries

9 Organisations, representing 8 countries.

- AFRAN newsletters

Jaco Hoffman and Katrien Pype (Eds.). Ageing in Sub-Saharan Africa: Spaces and Practices of Care. 'Ageing in a Global Context Series', Policy Press. Series Editors: Chris Phillipson (University of Manchester, UK), Toni Calasanti (Virginia Polytechnic Institute and State University, USA) and Thomas Scharf (NUI Galway, Ireland)

Latin America Research Network - LARNA

Coordinator: George Leeson

Noteworthy events from the past year for the Institute's Latin American Research Network on Ageing (LARNA) have been:

- **Book launch of “Envejecimiento en America Latina y el caribe”** at the National Autonomous University of Mexico, March 18th 2014, which attracted around 150 delegates. Dr. Leeson introduced the book with a presentation on the importance of ageing in the region.
- **The British Academy International Partnership and Mobility Grant** awarded to Dr Leeson in 2012 for three years, which focuses primarily on partnership and mobility. The award is held in partnership with the Department of Governance and Development at the University of Guanajuato-Leon in Mexico; Dr Leeson is working closely with Professor Alejandro Klein (Director of Department) and Professor Luis Fernando Macias Garcia (Divisional Director). During the second year of the project, in March 2014, the *Dynamics of Population Development* course has been held at the University of Guanajuato-Leon with over 70 students attending and the second phase of the course will be completed in September-October 2014. Professor Klein and three PhD students visited the Institute in May-June 2014.
- **The 5th LARNA conference** is to be held in September 2014 at the University of Buenos Aires, Argentina.

Two research areas are being pursued:

1. **The demography of death in Latin America:** this expands on work being done in Oxford (on Europe) to cover Latin America. With the world ageing at both the individual and the population level, and as population ageing - once regarded as an issue primarily for the developed economies of Europe and North America - becomes a global phenomenon now reaching Latin America, the scale of ageing must be regarded as one of the success stories of humankind, as more and more people live long, relatively healthy, lives. However, with the success of ageing populations has come a return to a demography of death, albeit in a new form.
2. **The role of grandfathers in contemporary families:** this work expands on work at Oxford (for Europe) to cover Latin America. In recent years, research into grandparenthood has gained considerable momentum, particularly in the United States and increasingly so in Europe. However, there has been little research focus on understanding the contribution of *grandfathers*, and while the perception that grandmothers are more involved in families than grandfathers remains commonplace, some recent research provides indications of a changing picture.

LARNA's second newsletter was produced and distributed in May 2014. Membership of LARNA now exceeds 60 academics and policy makers across the region.

Eastern Europe Ageing Societies in Transition

Coordinator: Dr George Leeson

In 2013-14, EAST has remained a hub for information exchange between its members, numbering almost 200. Preparations are under way for a workshop on the impact of depopulation in rural areas of Central and Eastern Europe.

Asia-Pacific Research Network on Ageing

Coordinator: Professor Sarah Harper

The APPRA network has supported 10 visitors to the Institute from the region: Baoming Yin, Chris Taylor, Hao-Hsiang Chang, Hongyan Yang, Louis Tan, Menglong Lu, Philippa Coore, Seongmi Oh, Wang Qihui, Zheng Hua. The network has also facilitated visits by both Dphil students and faculty to Singapore, China, Hong Kong, Taiwan, Bangladesh and Korea. Current research programmes include: 'The ageing of the farm population in Vietnam and its impact for food production' ; 'Home healthcare in Bangladesh'; Evaluation of older people's organisations; sun-preference in Nepal and India; pension planning in south –east Asia, life course and ageing in Vietnam; and inter-generational relationships in Singapore and Hong Kong.

Lectures were been given in the region in Taiwan, China, Hong Kong, Japan, and India. The collection ageing in East Asia, Brill 2014 was published.

Individual Reports

JoyAnn Andrews

Joyanne continues her work as a Research Fellow at the Institute. This year her publications have explored patients' experience of chronic non-malignant musculoskeletal pain. JoyAnn has also prepared applications for the funding of her projects on 'Fibromyalgia and Workability'. In April, JoyAnn participated in the 'RCN Research Society International Conference' in Glasgow at which she submitted a paper. Joyann has also been working with George on a grant application for a study on Afro-Caribbeans in Oxford.

Paul Ayernor

Paul is the research officer for the African Research on Ageing (Afran) at the Oxford Institute of Population Ageing.

Paul presented a paper; "Social determinants of health disparities and function at older ages in Ghana" at the conference of the British Society for Population Studies 2014. He is working on a book chapter for a forthcoming book on Ageing in Ghana.

Claudia Azevedo

Claudia is a visiting PhD student from Portugal, Instituto de Ciências Biomédicas Abel Salazar (ICBAS), Oporto University. Her research focuses on Intergenerational Programming.

Claudia took part in the IOPA Seminars Series with two oral presentations, one in Michaelmas Term 2013; 'Sustainable Communities: The Potential of Intergenerational Education' and in the Trinity Term; 'Towards Sustainable Intergenerational Programming: Insights and Challenges'.

Dr Emanuela Bianchera

Emanuela continues her work as a Research Fellow at the Institute. Her current research projects include Intergenerational Relationships in Bilingual Families, funded by the Leverhulme Trust, and the Institute's Collen Programme on Education, Fertility and the Environment in Developing Countries.

Emanuela has been engaged in the Collen Conference on Fertility transition in Africa, where she chaired sessions on 'Education and Information' and 'Fertility Transition'. At the Oxford Spring School in Demography she delivered training on Online Communication and Data visualization with Nana Nanitashvili.

Emanuela has also curated the online communication and research outreach for the Institute, by managing the institute websites, social media updates and drafting contents for brochures. She supports the dissemination of Collen research outputs through the development of research, policy and international data web sections in coordination with Kenneth Howse Nana Nanitashvili and Tom King (Oxford Martin School).

Emanuela's external memberships include a research membership at the Oxford Martin School, Wolfson College, Italian Studies at Oxford (ISO), and the European Sociological Association Research Networks 'Sociology of Families' and 'Intimate lives and Ageing in Europe'.

Professor Bleddyn Davies

Bleddyn's focus remains the real and financing economies of social and related care. The approach he has been developing and applying has been first, to estimate how variations in service, other resource and other kinds of 'input' influence outcomes valued in their own right by those primarily affected; and then use the information and understanding of the causal mechanisms to develop policy argument about how to improve policy performance both with respect to 'effectiveness' and 'efficiency' and fairness of costs and benefits. Attempting this has required the accumulation, development and use of theory from various disciplines, repertoires of designs and other tools for the collection and analysis of empirical evidence, and empirical research enriching the stock of knowledge and hypotheses. This tool-bag, the Production of Welfare approach, is increasingly used in policy analysis and development.

Bleddyn continues to participate in professional conferences and seminars, remaining a member of the Board of the quarterly journal *Social Policy and Administration* and a member of the board of the *American Journal of Aging and Social Policy* and *Non-Profit Manpower, Management and Leadership*. The publishers of *Policy of Politics*, a journal of which I was the first editor, requested my permission to institute an annual Bleddyn Davies prize 'designed to acknowledge scholarship of the very highest standard that has been published in *Policy & Politics* during the previous calendar by an early career academic'.

Dr Sylvie Dubuc

Sylvie Dubuc joined the Institute of Population Ageing in January 2014 to work on the Collen Program. Her research includes work on son preference and prenatal sex-selection, measuring fertility, the link between fertility and education of immigrants and intergenerational changes.

Sylvie is developing new research on the potential role of son preference in curbing fertility decline in developing countries and notably in Africa. She is also investigating new research avenues combining geography and demography to understand trends in fertility transition and the timing at childbearing.

She is a member of the ESRC Research Grant evaluation Board (since 2010), Council member of the British Society for Population Studies (since 2010), Fellow of the Royal Geographical Society (RGS, UK) (since 2011) and member of a variety of learning societies.

Sylvie gave presentations of her work at various academic meetings nationally and internationally. She also communicated her expertise on the issue of son preference and prenatal sex-selection outside the academia, advising policy makers (Library of the Parliament and Department of Health) and communicating with the general public through the media.

Dr Melanie Channon neè Frost

Melanie joined the Institute in January as a Research Fellow, moving from the University of Southampton. She has been predominantly working on the Collen Programme on Fertility, Education and Environment. Her research since arriving at the institute has mainly focussed on son preference in South Asia, though she is also interested in fertility preferences in sub-Saharan Africa as well as intergenerational transfers and remittances.

During Hilary Melanie taught on the Health, Environment and Development course for the MSc in Global Health Science. She also contributed to teaching the Spring School in Demography held at the beginning of Trinity; she lectured on understanding Demographic and Health Survey (DHS) data and ran a practical session on analysing DHS data using SPSS.

Melanie presented two papers at the British Society for Population Studies Conference. One paper is concerned with son preference in Pakistan and the other is concerned with the effect of relationship trajectories on mortality in KwaZulu-Natal, South Africa.

Melanie also became editor of the British Society for Population Studies Newsletter in December 2013.

Elizabeth Galleguillos

Elizabeth Galleguillos has dedicated her year visiting the OIPA to work on her PhD, in which she analyses old age policies, from a comparative and interdisciplinary perspective. She is particularly interested in the role of ideas in policy development. Based on feminist social policy and critical gerontology scholarships, she pays attention on the concepts of gender- and age- relations.

During this year, Elizabeth has attended the British Society of Gerontology Annual Conference (11-12 September 2013, University of Oxford), the 8th International Conference on Cultural Gerontology, (10-12 April 2014, in University of Galway, Ireland), and the conference Age and Social Policies (14th May 2014, University of applied research on social and pedagogic studies of Lausanne, EESP, Switzerland).

Francesca Ghillani

Francesca's research focuses on ageing as a cultural process. Exploring day-to-day bodily practices and experiences of Italian women living in Italy and in the UK, her thesis aims to study if migration and the consequent exposure to new social norms and meanings can affect the conceptions of the body and generate a different perception of ageing. Francesca has successfully passed her Confirmation of Status and is now in the final stages of writing her thesis.

In addition, Francesca continues her work as chair of the Life-Stories Society at the Oxford Centre for Life Writing and is a member of the Governing Body and of the Academic Committee of Wolfson College.

Dr Kate Hamblin

Kate Hamblin is a research fellow at the Oxford Institute of Population Ageing. In the past year, she has managed a research site on a major collaborative research project. This project, funded by the Technology Strategy Board and ESRC through the Assisted Living Innovation Platform, was conducted in collaboration with the Centre for International Research on Care, Labour and Equalities

(CIRCLE, University of Leeds), Tunstall Healthcare (UK) Ltd and Inventya Solutions Ltd from June 2011 – May 2014. T

Kate is currently working on a follow-on project examining self-employment for older workers as well as a further collaboration with CIRCLE on a piece of research commissioned by SENSE (the deaf-blind charity) to explore telecare use by individuals with dual-sensory impairment.

Kate is the Managing Editor for the Journal of Population Ageing, an academic journal produced by the Institute. She has also chaired the Publications Committee and edited of the Working and Visitor Paper Series.

Professor Sarah Harper

Sarah Harper continues her work as Director of the Oxford Institute of Population Ageing. Her current research concerns the implications of global population ageing, addressing the implications of the age-structural shift from predominantly young to predominantly older societies. The main focus of research this year has been the fertility transition in sub-Saharan Africa, and the interaction of environmental and demographic change in Vietnam.

Sarah continues a range of professional commitments. She serves as a member of the *Prime Minister's Council for Science and Technology*, Chairs the government *Scientific Review into the Ageing Population of the UK*, serves as the UK representative on the *European Academies Demography Panel*, representing the Royal Society, and is a member of the *Public Health Working Group of the Academy of Medical Sciences*. She continues to serve on the Council of the World Demographic Advisory Association, the Advisory Board of the English Longitudinal Study of Ageing (ELSA), Governor of the Pensions Policy Institute, and the Scientific Board of Natural England, and Council of Population Europe.

Various academic papers have been presented over the year in Hong Kong, Taiwan, India and South Africa and at several European meetings. Sarah presented her work at the Oxford Literary Festival in February and at the Hay Festival in May. She continues as co-editor of the *Journal of Population Ageing*, published by Springer.

Laurel Hixon

Laurel Hixon is a Research Fellow at the Institute, working primarily in the Bio-demography and Health cluster. Her principal research interest this year has been in the area of health and social care integration. On this topic, she was invited by colleagues at the London School of Economics to write a chapter for a book on long-term care reforms in OECD countries. She also convened the Trinity Term seminar series "Health and Social Care: Policy and Practice." In Michaelmas term, she presented her research on recent aged care reform efforts in Australia drawing from these lessons for the U.K. to the Research in Specialist and Elderly Care seminar series at Green Templeton College.

Dr Jaco Hoffman

During the 2013/14 academic year Jaco continued to have joint positions as Senior Research Fellow at both the Oxford Institute of Ageing and North-West University, South Africa. He was also appointed as Honorary Research Fellow at the Department of Medicine, Institute on Ageing in Africa, University of Cape Town.

Apart from his research focus on intergenerational and ageing issues in Sub-Saharan Africa, his responsibilities at OIPA furthermore included the coordination of the African Research on Ageing Network (AFRAN), chairing the Institute's visitors' programme which attracted 25 visitors from 15 countries and the assessment of DPhil students.

Jaco's professional commitments, outside of the Institute, include being an editorial board member of the International Journal of Intergenerational Relationships, Journal of Population Ageing and The British Journal of Interdisciplinary Studies.

Judith Holder

Judith Holder has been working on a popular book on ageing with Professor Sarah Harper who is acting as her academic mentor. The aim is to publish a widely read, entertaining but insightful book which is thought provoking and challenges some of our attitudes which are ageist, sexist and bogged down in misconceptions. The book (working title THE TIME OF OUR LIVES) is scheduled to be finished by the end of 2014 for publication in 2015.

Kenneth Howse

Kenneth is a Senior Research Fellow at the Institute. His current research interests include: the comparative analysis of the policy implications of population ageing (e.g. rich world problems compared to developing world problems); the health policy challenges of population ageing; and normative analysis of questions of intergenerational justice. Research projects started and/or completed this year: Research Fellow for an evaluation study of home care service in Bangladesh; Research Fellow on Future of Food ageing of farmer populations in Vietnam; Research Fellow in Collen Programme on fertility transitions in sub-Saharan Africa. Kenneth is a member of the United Nations Economic Commission for Europe (UNECE) Expert Panel on Indicators for Active Ageing; and a member of a HelpAge International Expert Working Group to develop data collection instrument on health status of older people in lower income countries. He sits on the *Innolife* Content Working Group, a collaborative project to establish a European KIC (Knowledge and Innovation Centre).

Pam Irwin

Pam Irwin is a Sociology DPhil student in the Oxford Institute of Population Ageing. Her research centres on the interaction between age, gender and the community in the context of resilience in older women living on their own in rural Australia.

After successfully completing her Confirmation of Status assessment, she is working towards submitting her thesis later in 2014.

Anne Ruhweza Katahoire

Anne is a Collen Visiting Fellow from Makerere University in Uganda. She joined the Collen Programme in January 2014. Her research focus is education and adolescent fertility. On February 14th 2014 Anne presented this topic at the Fertility and Development Seminar Series at the Oxford Institute of Population Ageing; 'Adolescent Pregnancy and fertility in Uganda: Does Education have a role?'. In March 2014, Anne gave a presentation at the Young Lives Research Bites Seminar Series at

the Oxford Department of International Development, on 'early pregnancy and marriage among Adolescents in Uganda: what are the implications for policy?'

Anne also participated in the conference on 'Fertility Transition in the South' organized by the Oxford Institute of Population Ageing and in the follow up Oxford Spring School where she facilitated in two sessions in April 2014.

Anne also made two presentations at a Conference in Cambridge on 'Making Research Capacity in Africa- An interdisciplinary conversation' in June 2014. 'How can the topic of capacity as a joint endeavour promote new forms of exchange between science, social science and humanities- a case study of the Childmed Project.' and 'South to South Collaboration in research capacity building- A case study of the Consortium for Advanced Training in Research in Africa (CARTA).'

Dr. Hafiz T.A. Khan

Hafiz Khan is an associate research fellow at the Oxford Institute of Population Ageing. He is a full-time senior lecturer in applied statistics at Middlesex University in London. He is a quantitative researcher by training predominantly does data analysis and statistical modelling. His research interests include population change, health and vulnerability, ageing and development. He is a fellow of the Higher Education Academy (FHEA) as well as the Royal Society of Arts (FRSA). He has involved in International Advisory Board Member, SQU Medical Journal and an Editorial Board Member of Global Journal of Quantitative Science.

Dr Betty Kyaddondo

A Colleen Visitor at the Institute of Population Ageing, April to July 2014. Dr. Kyaddondo participated in the workshop on 'Fertility Transition in Africa', as well as, the 'Training Spring School'. She made two presentations at the workshop.

Betty is developing a fact sheet, policy brief and a scholarly article on "The fertility of educated women in Uganda" based on the 2011 Uganda Demographic and Health Survey.

Dr George Leeson

George Leeson continues his work as Co-Director of the Oxford Institute of Population Ageing. His current research concerns the implications of global population ageing, particularly in Latin America and Central and Eastern Europe. Two new areas of his research consider respectively the dynamics of fertility development in sub-Saharan Africa, and the impact of environmental and demographic change on food security in Vietnam. Dr Leeson was part of the Institute team that developed the GOTO Programme on Demography for the University's Saïd Business School.

Dr Leeson's research is funded through the Collen Programme, which explores the interaction of fertility, education and the environment, the Oxford Martin School's Future of Food Programme and the Oxford Martin School's Demographic Forecasting Project.

Dr. Leeson has been demographic expert to address impact of demographic developments on issues relating to food safety and nutrition at the European Commission, Health and Consumers Directorate-General, DG-SANCO, Directorate E -Safety of the Food Chain to help develop a strategy for DG SANCO's policy and legislative framework to deliver on EU food safety and nutrition to 2050.

Sibusisiwe Mavuso

Sibusisiwe Sipehelele Mavuso is a policy researcher from the University of KwaZulu Natal, South Africa. She works on disability, gender and access to reproductive health services in South Africa. As a visitor in the OIPA under Collen Programme, Ms Mavuso wrote a fact sheet providing trends and key facts on teenage fertility and pregnancy in South Africa. She also produced a policy brief on the incidences of high risk and unplanned teenage pregnancies, with associated HIV infections in South Africa.

Nana Nanitashvili

Nana has continued working on the Collen Programme focusing on developing interactive data visualisation to explore the interaction of fertility, education and the environment. Using software Tableau Public, she has produced a number of visualisations including world historical trends in Total Fertility and Infant Mortality.

She has chaired a session at the Conference on “Fertility Transition in the South,” and worked with Kenneth Howse on preparation of Factsheets for the Conference brochure. Nana has also been involved in Oxford Spring School in Demography, conducting a training session together with Emanuela Bianchera on ‘Online communication and Data visualisation.’

She has contributed to the introductory chapter by Sarah Harper on Critical Readings Projects on Ageing in East Asia commissioned by the Dutch scholarly publishing house BRILL.

Patricia O’Neill

Patricia’s focus for 2013-2014 has been the completion of her dissertation, which she plans to submit before the end of Trinity Term. She continues to be involved with the British Gerontological Society, British Sociological Association, Gerontological Society of America, the International Network for the Prevention of Elder Abuse, and the International Federation on Ageing.

Patricia’s interest and involvement with Asia continues. She has presented papers in Hong Kong and Seoul in the past year and will present in Japan in July 2014. Patricia has also been selected as a member of the GSA official delegation to the International Conference on Aging and Public Policy – Health Care, Environment Urbanization In Hangzhou, China in October 2014. She has also edited several papers on ageing issues in China.

In addition to her work on Asia, this year Patricia wrote a book review for Ageing & Society on ageing in the 18th century.

Burcu Ozdemir

Burcu Ozdemir is a doctoral student at the Institute and she is working on her thesis entitled "Intergenerational Solidarity between Elderly Parents and Adult Children in Turkey". She is currently working full-time as a research assistant at Ankara University, Social Work Department.

In May 2014, Burcu attended the St. Gallen Symposium in St. Gallen, Switzerland, where she was invited as a leader of tomorrow. The topic of this year's symposium was "Clash of Generations".

At the 6th International Social & Applied Gerontology Symposium in Antalya, Turkey, in October 2014, Burcu will present a paper; "Long-term services in the UK and Turkey: A Comparative Perspective".

Dr. Katia Padvalkava

Katia joined the Oxford Institute of Population Ageing in October 2013 as a research officer. She works on research support for the Collen Programme. She helped Professor Harper of organize a conference on 'Fertility Transition in the South' and assisted in organizing seminar series in Trinity and Hilary terms. Katia worked with Dr. George Leeson on organizing a workshop on 'Depopulation of Rural Areas in Central and Eastern Europe' and is assisting him with managing EAST research network.

Katia is providing research support on funding applications for the Institute research staff. She is also a member of a Visitor's Committee.

Dr Mehmet Tosun

Mehmet is an Associate Professor and Chair of the Department of Economics, College of Business at the University of Nevada, Reno, USA. He visited the Institute between April and June of this year as a Collen Visiting Fellow. Whilst at the Institute Mehmet attended conferences on 'Fertility Transition in the South' and 'Tax Competition and Base Erosion and Profit Shifting'.

Janine Van Aardt

Janine Van Aardt, is a psychology intern from North West University, South Africa. She works on intergenerational relationships in the South-African context with a focus on intergenerational respect. As a visitor at IOPA, working with Jaco Hoffman, one of her key priorities is to manage the AFRAN database. She further assists in day-to-day research related work. She is also assisting Judith Holder in the project management of *Old is the new young* -A festival to celebrate older age in October 2014.

Pia M. Vogler

Pia joined the Institute of Population Ageing as an Associate Research Fellow in October 2013. He research for the Collen Programme on Education, Fertility and the Environment focuses on "Myanmar refugees' fertility decisions – the role of education, faith and culture". Pia is also working on the publication of her DPhil thesis on childhood transitions and social inequality in northern Thailand.

From November 2013 to January 2014, Pia undertook fieldwork to Thailand where she has academic affiliation with the Regional Center for Social Science and Sustainable Development (RCSD), Faculty of Social Sciences, Chiang Mai University. During her visit at RCSD, Pia also served training local master students in Participatory Research Methods.

Pia presented initial findings from this fieldwork at the Fertility and Development Seminar Series, at the Oxford Institute of Population Ageing, at the Young Lives Research Bites Seminar Series, at Queen Elizabeth House (ODID), at the "Fertility Transitions in the South" Conference at St Anne's College, as well as at the "Migration, Faith and Action: Shifting the Discourse" Conference, organized

by the Las Casas Institute at Blackfriars Hall and The Oxford Research Centre in the Humanities (TORCH). At the Oxford Spring School in Demography 2014, Pia taught with Jacobus Hoffman and Anne Katahoire a class on Participatory Research Exercises. In May 2014, she was an invited speaker at the panel discussion on religion in development studies, at Queen Elizabeth House (ODID), University of Oxford. Earlier, in 2013, Pia presented on intergenerational relations and rural development at the UN Vienna International Centre and on participatory research methods at the Vienna Institute of Demography, Austrian Academy of Sciences.

Pia is a Member of Senior Common Room at Blackfriars, University of Oxford. She regularly visits seminar series and lectures on bioethics, humanitarianism, politics and culture in Myanmar and other countries at Blackfriars, Queen Elizabeth House, Lady Margaret Hall and St Anthony's College, where she also serves at the Southeast Asia Writing Group. Pia is a member of the Companions of the Order of Malta with whom she regularly volunteers in a Care Home of the Order of St John's Care Trust in Oxfordshire.

Maja Založnik

Maja joined the Institute as a Research Fellow on the Oxford Martin School Future of Food Programme. The project explores the implications of changes in the structure of Vietnamese farming populations on food production in particularly in the context of climate change and the resulting changes in pest environments. Maja is developing a unique modelling approach to tackle the complexity of the social and environmental interactions contained in the research question, combining computer based agent-based modelling with a participatory approach that involves the stakeholders in the model development process. She has prepared a working paper on this methodological approach and is currently building a model prototype using a novel combination of open-source, non-commercial software, with the view of making the research reproducible and the approach easily adaptable to other situations.

In Trinity Maja also organized a very well received seminar series on Research Methods in Demography and Beyond, inviting renowned speakers in a variety of disciplines from across the country, who's talks brought in a wide and interdisciplinary audience, and resulted in lively debates and several future collaborations.

Institute Publications

Journal of Population Ageing

Editors-in-chief: Professor Sarah Harper, Dr George Leeson

There is a growing awareness of the importance of population ageing in shaping the current and future society. Mainstream demographers, economists, biologists, sociologists, geographers and those from development and area studies and public health, are all entering the field of ageing research.

The Journal of Population Ageing provides a forum for internationally, thereby stimulating discussion of North America, European, and Transitional and Developing World issues. This interdisciplinary journal publishes high quality research of interest to professionals working in the fields of demography, bio-demography, development studies, area studies sociology, geography, history, social gerontology, economics, and social health policy.

The Journal was launched in 2008 and publishes in four issues of 60 pages per year, comprising of among others an editorial, original peer reviewed articles, book reviews and an abstract section.

Population Horizons

Editor: Kenneth Howse

Population Horizons is a collection of Fact Sheets and Policy Briefs series developed by the Collen Programme research team. Key findings on Fertility, Reproductive Health and Education are presented.

Working Papers

Editor: Dr Kate Hamblin

114: Towards more sustainable Community Organisations for Older People
Taylor, Donoghue - July 2014

The International Handbook of Ageing and Population Policy

Editor: Dr Kate Hamblin and Professor Sarah Harper

The International Handbook on Ageing and Public Policy explores the challenges arising from the ageing of populations across the globe for government, policy makers, the private sector and civil society. With an expansive look at the topic, this comprehensive Handbook examines various national state approaches to welfare provisions for older people and highlights alternatives based around the voluntary and third-party sector, families and private initiatives.

Publications

Toye, F., Seers, K., Allcock, N., Briggs, M., Carr, E., Andrews, J. and Barker, K. (2014) A meta-ethnography of patients' experience of chronic non-malignant musculoskeletal pain. [Online] *Health Services and Delivery Research*, 1 (12). Available from <http://www.journalslibrary.nihr.ac.uk/hsdr>

Toye F., Seers, K., Allcock, N., Briggs, M., Carr, E., Andrews, J. and Barker, K. (2013) A qualitative systematic review of patients' experiences of chronic non-malignant musculoskeletal pain using meta-ethnography. *British Journal of General Practice*, 617 (63), e829-e84.

Azevedo, C. (submitted 2014) Different Experiences, New Relationships: evaluation of an Intergenerational Education Programme in Porto, Portugal. *Journal of Intergenerational Relationships*.

Dubuc, S, and Sivia, D. (forthcoming) Missing girls and gender selection: how many does it take? Linking son preference, fertility decline and prenatal sex-selection. *PLOS One*

Dubuc, S. (2014) Prenatal sex-selection in the UK. *Le Nouvel Observateur*, 19 January.

Frost, M, and Little, A. (2014) Children's learning practices in Ethiopia: observations from primary school classes. *Oxford Review of Education*, 40 (1), 91-111.

Hamblin, K. (2014) Risk, Freedom and Control in Older People's Lives: the relevance of telecare. *AKTIVE Research Report*, 2 (6). Available from: <http://circle.leeds.ac.uk/>.

Hamblin, K. (2014) Lifestyles in later life: Identity, choice and stigma. *AKTIVE Research Report*, 2 (6). Available from: <http://circle.leeds.ac.uk/>.

Hamblin, K. (2013) *Active Ageing in the European Union- Policy convergence and divergence*. London: Palgrave.

Hamblin, K., Darowski, A. and McShane, R. (2013) Demographic ageing, falls and dementia, in AKTIVE Consortium (2013) The Role of Telecare in meeting the Care Needs of Older People: themes, debates and perspectives in the literature on ageing and technology. *AKTIVE Research Report*, 1. Available from: www.aktive.org.uk/publications.html.

Harper, S, and Hamblin, K. (eds.) (2014) *International Handbook of Ageing and Public Policy*. Cheltenham: Edward Elgar.

Harper, S, and Nanitashvili, N. (2014) Introduction. In: *Critical Readings Projects on Ageing in East Asia*. Netherlands: Brill.

Harper, S (2014) *Ageing in East Asia*, Brill

Harper, S Demography and Environment, in Goldin, I (ed) *Is the Planet Full?* OUP 2014

Harper, S (2013) The decline of 21st Century Youth, *The World Today*

Hixon, L. (2014) Health and Social care Integration: Policy and Practice. In: J. L. Fernandez and C. Gori (eds.). *Long-term care reforms in OECD countries: successes and failures*. Chicago: University of Chicago Press, in press

Hoffman, J, and Bohman, D. (2014). Intergenerational negotiation of future care of older persons: a comparative study in the South African context. *Journal of Cross-Cultural Gerontology*. (Forthcoming)

Hoffman, J. (2014) Families, Older Persons and Care in contexts of Poverty: the Case of South Africa. In: Harper. S and Hamblin. K (eds.). *International Handbook of Ageing and Public Policy*. Cheltenham: Edward Elgar. (Forthcoming)

Hoffman, J. (2014) Policy and practitioner responses to the challenges of population ageing: Introduction. In: Harper. S and Hamblin. K (eds.). *International Handbook of Ageing and Public Policy*. Cheltenham: Edward Elgar. (Forthcoming)

Aboderin, I. & Hoffman, J. (2014). Caregiving for older people in contexts of poverty in Sub-Saharan Africa: recognizing and addressing a 'Cultural lag'. *Ageing & Society*. (Forthcoming)

Hoffman, J. and Pype, K. (eds.) Ageing in Sub-Saharan Africa: Spaces and Practices of Care. 'Ageing in a Global Context Series', Policy Press. Series Editors: Chris Phillipson (University of Manchester, UK), Toni Calasanti (Virginia Polytechnic Institute and State University, USA) and Thomas Scharf (NUI Galway, Ireland) (Forthcoming)

Hoffman, J. and Pype, K. (eds.). Ageing in Sub-Saharan Africa: Spaces and Practices of Care. 'Ageing in a Global Context Series', Policy Press. Series Editors: Chris Phillipson (University of Manchester, UK), Toni Calasanti (Virginia Polytechnic Institute and State University, USA) and Thomas Scharf (NUI Galway, Ireland)

Kajubi, P., Whyte, S., Muhumuza, S., Kyaddondo, D. and Katahoire, A. (2014) Communication between children with HIV and their caregivers about HIV medicines: a cross sectional study in Jinja district, Uganda. *Journal of International AIDS* (17:19012)

Kajubi, P., Bagger, S., Katahoire, A., Kyaddondo, D and Whyte, S. (2014) Spaces for talking: Communication patterns of children on antiretroviral therapy in Uganda' in *Children and Youth Services Review*. Available online 4 April 2014

Aarø, L., Mathews, C., Kaaya, S., Katahoire, A., Onya, H., Abraham, C., Klepp, K., Wubs, A., Eggers S, and de Vries, H. (2014) Promoting sexual and reproductive health among adolescents in southern and eastern Africa (PREPARE): project design and conceptual framework. *BMC Public Health*. (J18; 14:54)

Muhumuza, S., Olsen, A., Katahoire, A., Kiragga, A. and Nuwaha, F. (2014) Effectiveness of a Pre-treatment Snack on the Uptake of Mass Treatment for Schistosomiasis in Uganda: A Cluster Randomized Trial. *PLoS Med*, 11 (5)

Adams, J., Khan, H. and Raeside, R. (2014) *Research Methods for Business and Social Science Students*. 2nd ed., London: Sage Publishers.

Tao, C., Raeside, R. and Khan, H. (2014) Development and Application of a Survey quality Assessment Model. *Global Journal of Quantitative Science*, 1 (1), 15-29.

Ko, H, and Khan, H. (2014) Insight's for Singapore's Re-employment Legislation: Evidence from the Global Ageing Survey (GLAS). *Asian Profile*, 42 (2), 101-122.

Kabir, R., Khan, H., Kabir, M. and Rahman, M. (2013) Population ageing in Bangladesh and its implication on health care. *European Scientific Journal*, 9 (33), 34-47.

Powell, J, and Khan, H. (2013) Ageing and Globalization: A Global Analysis. *Journal of Globalization Studies*, 4 (1), 150-159.

Rahman, M, and Khan, H. (2013) Effectiveness of the Microcredit Programme in Bangladesh. *Local Economy*, 28 (1), 85-98.

Leeson, G. (2014) Future prospects for longevity. *Post Reproductive Health*, 20 (1), 17-21.

Leeson, G. (2013) The demographics of ageing in Latin America, the Caribbean and the Iberian Peninsula, 1950-2050. In: Montes de Oca (V). *Envejecimiento –en America Latina y elCaribe*. Mexico: UNAM, 53-71.

Leeson, G., Mann, R. and Khan, H. (2013) Variations in grandchildren's perceptions of their grandfathers and grandmothers: Dynamics of age and gender. *Journal of Intergenerational Relationships*, 11 (4).

Leeson, G., Khan, H. and Findlay, H. (2013) Attitudes towards bearing the cost of care in later life across the world. *Illness, Crisis and Loss*, 21 (1) 46-69.

Leeson, G and Khan, H. (2013) Levels of welfarism and intergenerational transfers within the family: evidence from the Global Ageing Survey (GLAS). In: McDaniel. S A and Zimmer. Z. *Global Ageing in the Twenty-First Century – Challenges, Opportunities and Implications*. Burlington: Ashgate, 291-308.

O'Neill, P. (2014) Ageing in the 18th Century: book review. *Ageing & Society*, 33 (8), 1471-1472.

Padvalkava, K. (2014) Book review: 'The European Union and Its Eastern Neighbours: Towards a more ambitious partnership?' by E.Korosteleva. *Europe-Asia Studies*, 66 (2): 341 – 342.

Tuncay, T., Duyan, G., Ozdemir, B., Duyan V. (submitted April 2014) Attitudes of Social Work Students Towards Elderly. (under review at the *European Journal of Social Work*)

Duyan, V., Sahin-Kara, G., Duyan G., Ozdemir, B. (submitted May 2014) The Affects of Group Work on Depression and Psychosocial Functioning: A Study with Institutionalised Elderly. (under review at the *Research on Social Work Practice*)

Presentations

Toye, F., Seers, K., Allcock, N., Briggs, M., Carr, E., Andrews, J. and Barker, K. (2014) *A meta-ethnography of patients' experience of chronic non-malignant musculoskeletal pain*. Paper presented at the Annual International Nursing Research Conference, Glasgow, 2-4 April.

Ayernor, P. (2014) *Social determinants of health disparities and function at older ages in Ghana*. Paper presented at the British Society for Population Studies Conference, The University of Winchester, Winchester, 8-10 September.

Azevedo, C. (2013) *Sustainable Communities: The Potential of Intergenerational Education*. Presented as part of the Oxford Institute of Population Ageing Seminar Series, Oxford, 23 October.

Azevedo, C. (2014) *Towards Sustainable Intergenerational Programming: Insights and Challenges*. Presented as part of the Oxford Institute of Population Ageing Seminar Series, Oxford, 24 June.

Dubuc, S. (2014) *Son preference and sex-selection*. Paper presented at the Faith, Culture, Gender and Violence Conference, University of Birmingham, International Women's Day 2014, 8 March.

Dubuc, S. (2014) *Son preference, fertility decline and sex-selection*. Presented as part of the Fertility and Development seminar series, Oxford Institute of Population Ageing, Oxford, 6 February.

Dubuc, S. (2014) *Fertility transition, son preference and sex-selection against females*. Research paper presented at the Collen Conference, St Annes, Oxford, 24 April.

Dubuc, S, and Waller, L. (2014) *Ethnic minorities integration processes: Reproductive choices and education of immigrant and second generation women in the UK*. Paper presented at the PAA conference, Boston, 1-3 May.

Dubuc, S, and Waller, L. (2014) *Ethnic minorities integration processes: Reproductive choices and education of immigrant and second generation women in the UK*. Paper presented at the PAA conference, Boston, 1-3 May.

Dubuc, S, and Sivia, D. (2014) *Son preference and prenatal sex selection: the impact of fertility decline on gender imbalances*. Paper presented at PAA conference, Boston, 1-3 May.

Dubuc, S, and Sivia, D. (2014) *Fertility transition, son preference and sex-selection against females*. Paper presented at the British Society for Population Studies Conference, Winchester, 8-10 September.

Frost, M. (2014) *The Causes and Consequences of Son Preference in Pakistan, 1990-2013*. Paper presented at the British Society for Population Studies Conference, Winchester, 8-10 September.

Frost, M., Hosegood, V. and McGrath, N. (2014) *A longitudinal population-based analysis of couple dynamics and mortality in KwaZulu- Natal, South Africa 2001-2011*. Paper presented at the British Society for Population Studies Conference, Winchester, 8-10 September.

Frost, M. (2014) *Emerging Evidence of Sex-Selective Abortion in Nepal*. Presented at The Fertility Transition in the South Collen Conference, St. Anne's College Oxford, 23-25 April.

Fry, G, and Hamblin, K. (2014) *Everyday Life Analysis: A New, Multi-method, Longitudinal Approach to Capturing Daily Lives*. Paper presented at the British Sociological Association Annual Conference, Leeds, 23-25 April.

Hamblin, K. (2014) *Risk, Freedom, Relationships and Ageing in Place: the role of telecare*. Paper presented at the Technology, Care and Ageing: Enhancing Independence Conference, 8-9 April.

Hamblin, K. (2014) *Telecare and its Relationship with Identity, Stigma, Agency and Choice*. Paper presented at the Technology, Care and Ageing: Enhancing Independence Conference, 8-9 April.

Hamblin, K. (2014). *Qualitative research on older people's use of tele care: Methodology and findings from the ACTIVE project*. Paper presented at the SchARR Seminar Series, University of Sheffield, 17 June.

Koivunen, E-R, and Hamblin, K. (2013) Presented at the Telecare and caring networks, CIRCLE and Care-Connect Research seminar series, University of Leeds, 22 May.

Harper, S (2013). *Demographic and Economic Change*, Asian Investors Forum, Hong Kong, 23 September.

Harper, S (2013). Presented at the International Herald Tribune Panel, Ageing, London, 30 September.

Harper, S (2013). *Understanding Family and Family Dynamics*. Keynote at the International Conference on Ageing, University of Yilan and Yilan County Government, Taiwan, October

Harper, S (2013). Invited Speaker, Oxford Meeting of Rectors of League of European Research Universities, Host: Vice Chancellor, University of Oxford, November.

Harper, S (2013). Invited Speaker, Prime Minister's Council for Science and Technology, Royal Society, London, November

Harper, S (2013). *Longevity and Social Security*. Keynote presented at the Eversheds LLP Conference, London, November

Harper, S (2013). *The Dynamics of Future Longevity*. Keynote presented at the RBS Conference, London, November

Harper, S (2013). *21st Century Population Challenges (TED)* Invited Speaker at Forum de la Haute Horlogerie – Demographic Drivers , Lausanne, November

Harper, S. (2014). *Intergenerational Relationships in an Ageing World*. Keynote presented at the International Conference on Ageing Well, Managerial and Social Challenges (ICAW), India, January

Harper, S. (2014). *Demography, Health and the Arts*. Keynote presented at the African Meeting on Ageing, Cape Town, South Africa, February.

Harper, S. (2014). *Globalisation and Global Ageing*. Keynote presented at the African Meeting on Ageing, Cape Town, South Africa. February.

Harper, S. (2014) *Flame-Placing Demography at the Centre of the Energy Debate*. Keynote presented at the European Energy Conference, Amsterdam, May.

Harper, S. (2014) *Exploring the dynamics of Future Longevity*. Keynote presented at the Finance Conference, New York, June.

Harper, S (2014) *Implications of 21st Century Population Change*. Keynote presented at the International Finance Conference, Johannesburg, South Africa, June.

Hixon, L, and Jeon, Y-H (2013) *Elderly care – the current position and key issues in Australia*. Paper presented at the RESEC seminar series, Green Templeton, 14 October.

Hoffman, J. (2014) *Challenging futures for Africa: researching ageing in the youngest region*. Plenary address at the South Africa Care Forum Festival, Stellenbosch, South Africa, 7-10 October.

Hoffman, J. (2014) *Experiencing It like a “Gogo”: Intergenerational Relationships in South Africa Grandparenting*. Paper presented at the XVIII ISA World Congress of Sociology, Yokohama, Japan, 13-19 July.

Hoffman, J. (2014) Paper presented at the Oxford Spring School on Demography. University of Oxford, 28 April- 1 May.

Hoffman, J (2014) *The African perspective on health policy in ageing*. Paper presented as part of the MSc in Health Policy: “Ageing and Societies”, Imperial College, London, 8 April.

Hoffman, J (2014) *Ageing in Sub-Saharan Africa: trends and research*. Ageing in a Global Context. Paper presented as part of the Master’s Degree Programme, Institute of Gerontology, King’s College, London, 17 March.

Hoffman, J. (2013) *Population ageing in developing countries*. Paper presented for the Population Ageing and Policy – MSc in Ageing Studies, Centre for Innovative Ageing, School of Human and Health Sciences, Swansea University, Swansea, 20 November.

Howse, K. (2013) *What is productive ageing and what do we know about?* Presented at the Productive Ageing Conference, Edinburgh, 3 October.

Howse, K. (2013) *Implications for food production of adaptation to environmental change with an ageing agricultural sector: a Vietnam case study*. Presented as part of the Oxford Institute of Population Ageing’s Michaelmas term seminars on Demography, Agriculture and Food, Oxford, 7 November.

Howse, K. (2013) *Predicaments, challenges and seriously bad outcomes*. Paper presented at the Statistics Norway Conference, Oslo, 3 December.

Howse, K. (2014) *Some reflections on fertility stalling*. Paper presented as part of the Collen workshop on fertility, Oxford, 23 April.

Howse, K. (2014) *Population policies and fertility in Sub-Saharan Africa*. Presented at the Collen Spring School, Oxford, 25 April.

Howse, K. (2014) *Adjustments and vulnerabilities in new demographic regimes*. Presented at the IARU conference, Copenhagen, 20 June.

Irwin, P. (2014). *Profiles of resilience in two cohorts of older women living on their own in a small rural community in Australia*. Presented as part of the Oxford Institute of Population Ageing Seminar Series, Oxford, 6 May.

Katahoire, A. (2014) *Adolescent Pregnancy and fertility in Uganda: Does Education have a role?* Presented as part of the Fertility and Development Seminar Series, Oxford Institute of Population Ageing, Oxford, 14 February.

Katahoire, A. (2014) *Early Child Bearing and Marriage among Adolescents in Uganda: what are the implications for policy?* Presented at Young Lives Research Bites, Oxford, 17 March.

Katahoire, A. (2014) *How can the topic of capacity building as a joint endeavour promote new forms of exchange between science, social science and humanities- a case study of the Childmed Project*. Presented at a conference on 'Making Research Capacity in Africa- An interdisciplinary conversation at the Centre for Research in the Arts, Social Sciences and Humanities (CRASSH)', University of Cambridge, Cambridge, 13 June.

Katahoire, A. (2014) *South to South Collaboration in research capacity building- A case study of the Consortium for Advanced Training in Research in Africa (CARTA)*. Presented at a conference on 'Making Research Capacity in Africa- An interdisciplinary conversation at the Centre for Research in the Arts, Social Sciences and Humanities (CRASSH)', University of Cambridge, Cambridge, 14 June.

Khan, H. (2014) *Global Ageing: Causes and Consequences*. Presented at the Institute of Population Studies, Hacettepe University, Ankara, 19 February.

Khan, H. (2013) *Dynamics Socio-demographic Changes in the GCC Countries*. Presented at the MINA workshop, Institute for Social Policy, University of Bath, 3 December.

Khan, H. (2013) *Demographic Changes and Future Challenges for the Gulf Cooperation Council (GCC) Countries*. Presented at a symposium organised by the John Smith Trust and OxGAPS, University of Oxford, Oxford, 16 November.

Khan, H. (2013) *Ageing and Social Protection for the Elderly in Bangladesh*. Presented at Ukaid office, Dhaka, Bangladesh, 29 August.

Khan, H. (2013) *Global Ageing and the Need for Elderly Care in Bangladesh*. Presented at a Young Power Social Action (YPSA) seminar, Chittagong, Bangladesh, 27 August.

Khan, H. (2013) *The Power of Ageing across the world*. Presented at a Department of Statistics seminar, Shahjalal University of Science and Technology, Sylhet, Bangladesh, 25 August.

Khan, H. (2013) *The Power of Global Ageing: Challenges, Opportunities and Implications*. Presented at a Department of Statistics seminar, Comilla University, Bangladesh, 22 August.

Khan, H. (2013) Presented at the Workshop on statistical research methodology, Department of Statistics, Comilla University, Bangladesh, 21 August.

Khan, H. (2013) *Research process for PhD and Article publication*. Presented at a seminar organised by the Faculty of Business, Daffodil International University, Bangladesh, 18 August.

Khan, H. (2013) *Population ageing across the world: challenges, opportunities and implications*. Seminar organised by the Public Health Department, Daffodil International University, Bangladesh. 17 August.

Leeson, G. (2013) *The demographic challenge of ageing populations*. Presented at the JDC International Centre for Community Development, Yarnton Manor, Oxford, 9 September – 1 October.

Leeson, G. (2013) *Future Projections on Longevity*. Presented at the Forum on 'Longevity, Healthy Ageing and AGM', Royal Society of Medicine, London, 2 October.

Leeson, G. (2013) *21st century demographic development and what it will mean for today's young people*. Presented at GDST Head's Conference, Blenheim Palace, Woodstock, 3 October.

Leeson, G. (2013) *Can we cope with all this dying? A return to the demography of death*. Presented at the IV International Gerontology Colloquium, University of Sao Paulo, Ribeirao Preto, 18-19 October.

Leeson, G. (2013) *Who wants to live forever?* Presented at a Kellogg College research Seminar, Oxford, 4 November.

Leeson, G. (2014) *Social and Managerial Challenges*. Presented at the International Conference on Ageing Well, University of Cochin, School of Business, India, 16-18 January.

Leeson, G. (2014) *Technology, Care and Ageing – Enhancing Independence*. Presented at the University of Leeds, 8-9 April.

Leeson, G. (2014) *The ageing workforce*. Presented at the Annual Scientific Meeting of the Faculty of Occupational Medicine, Royal College of Physicians, London, 28 May.

Leeson, G. (2014) *Ageing populations; challenges for the future*. Presented at the Heads of Independent Girls Schools in the South East, Croydon High School, London, 6 June.

Leeson, G. (2014) *Population Ageing*. Presented at Norwich High School for Girls, Norwich, 9 June.

Leeson, G. (2014) *Global Ageing*. Presented at OECD Workshop, Harris Manchester College, Oxford, 26 June.

Leeson, G. (2014) Presentation at the University of Copenhagen Summer School, Copenhagen, 4 July.

Leeson, G. (2014) Presentation at the 5th Larna Conference, Buenos Aires, Argentina, 2-3 September.

O'Neil, P. (2014) *Will China's reforms be able to solve its aging problem?* Presented at the International Conference on Aging and Public Policy Health Care, Urbanization and the Environment, Zhejiang, China, 8-10 October.

O'Neil, P. (2014) *Inequality and Emotion Management in Parental Caregiving By Chinese Daughters.* Presented at the XVIII ISA World Congress of Sociology, Yokohama, Japan, 13-19 July.

O'Neil, P. (2014) *Chinese Daughters Negotiating Traditional Family Norms and the Modern World.* Presented at the International Gender Studies Centre at Lady Margaret Hall, Oxford

O'Neil, P. (2013) *Foreign Domestic Workers As Surrogate Caregivers In Hong Kong and Singapore: What this can tell us about future family intergenerational relationships.* Paper presented at the International Gender and Migration Conference: Changes and Challenges, The Chinese University of Hong Kong, 10-11 December.

Ozdemir, B, and Duyan, V. (2014) *Long-term services in the UK and Turkey: A Comparative Perspective.* Paper presented at the 6th International Social & Applied Gerontology Symposium, Antalya, Turkey, October.

Van Aardt, J and Hoffman, J. (2014) *Participation Research Methods: Mmogo Method.* Presented at the Spring School Series, Oxford, April 28- May 1.

Vogler, P. (2014) *Education for repatriation? A case study of the Arrupe Training Centre for Karen refugees in Thailand.* Paper presented at Migration, Faith and Action: Shifting the Discourse Conference, Oxford, 8-9 May.

Vogler, P. (2014) *Family life, education and fertility aspirations among Burmese refugees in Thailand.* Paper presented at the Fertility Transition in the South Conference, St Anne's College, Oxford, 25 April.

Vogler, P. (2014) *Karen refugees in Thailand – the role of education.* Paper presented at Young Lives Research Bites, Oxford, 24 February.

Vogler, P. (2014) *Poor on Earth, Rich in Heaven. Exploring the political economy of fertility decisions. A participatory research methods approach with ethnic minority youth in Northern Thailand.* Paper presented as part of the Fertility and Development Seminar Series, Oxford Institute of Population Ageing, Oxford, 23 January.

Vogler, P. (2013) *Education, migration and inequality among ethnic minorities in northern Thailand: A participatory research methods approach.* Paper presented at the VID Colloquium, Vienna Institute of Demography, Austrian Academy of Science, 8 October.

Vogler, P. (2013) *I feel well when I can help mother – Life course transitions, intergenerational relations and rural development in northern Thailand.* Final Conference of the Big Foot Project on Intergenerational Learning and Sustainable Development, Vienna International Centre (VIC), Vienna, Austria, 5 June.

Conferences, Workshops & Seminars

Fertility Transition in the South

23-25 April, St Anne's College

The Conference gathered over sixty researchers, policy makers and practitioners from Africa, Asia, Europe and North America to share their expertise on the subject. It provided an opportunity to establish professional collaborations and create a network of knowledge to understand the drivers of fertility and tackle population challenges.

Plenary speakers were:

- Professor Anthony Costello, Institute for Global Health, University College London, UK
- Professor Stan Becker, John Hopkins Center for Global Health, USA
- Professor Ian Timæus, London School of Hygiene and Tropical Medicine, UK
- Professor Yves Charbit, Paris Descartes University
- Dr. Ernestina Coast, London School of Economics, UK
- Professor Faujdar Ram, International Institute for Population Sciences, India

Spring School in Demography

28 April-1 May 2014, Oxford Institute of Population Ageing, St.Catherine's College, Manor Road Building, Oxford Martin School

The Oxford Spring School on Demography 2014 was intended to provide participants with skills and tools needed for working with population data and research findings. Participants gained insights into recent advances in fertility and demographic processes from both theoretical and practical points of view; were given tools to enable them to evaluate the impact of these advances; took part in a "hands on" sessions that taught them how to use the data behind the demographic understanding. During the School there were sessions addressing techniques of policy evaluation and methodological frameworks for understanding field research.

Michaelmas 2013 Seminar Series: Demography, Agriculture & Food

Convenor: Professor Sarah Harper

17 October

'Tackling climate change and variability in Africa with local, indigenous and scientific knowledge'

Professor Dominic Kniveton

Professor of Climate Science and Society, University of Sussex

24 October

'Food Lives- tales from behind the Kitchen Door'

Dr Mary Brennan

Senior Lecturer in Marketing, Newcastle University & University of Edinburgh

31 October

'Driving disease transmission models with climate models ... where angels fear to tread?'

Professor Andy Morse

Department of Geography & Planning, University of Liverpool

7 November

'The effects of an ageing farm workforce in Vietnam'

Kenneth Howse

Oxford Institute of Population Ageing, University of Oxford

14 Nov

'Food prices & agricultural development strategies in Africa'

Professor Douglas Gollin

Department of International Development, Queen Elizabeth House, University of Oxford

21 Nov

'Fundamental population dynamics and its implications for understanding agricultural systems and technologies'

Dr Michael Bonsall

Department of Zoology, University of Oxford

28 Nov

'Making climate science usable: linking sources of risk knowledge and strengthening capacities to appropriately act on risk'

Emma Visman

Humanitarian Futures Programme, Kings College London

5 Dec

'Security from floods, food and the aged: insights from the Netherlands and Japan'

Dr Jeroen Warner

Associate Professor of Disaster Studies, Wageningen University

Hilary 2014 Seminar Series: Fertility and Development

Convenor: Professor Sarah Harper

23 January

'Exploring the political economy of fertility decisions. A participatory research methods approach with ethnic minority youth in Northern Thailand'

Dr Pia Vogler

Research Fellow, Oxford Institute of Population Ageing

30 January

'Women, groups and survival: a meta-analysis of co-operative nurturing'

Professor Anthony Costello

Professor of International Child Health, University College London

6 February

'Son preference, fertility decline and sex selection'

Dr Sylvie Dubuc

Research Fellow, Oxford Institute of Population Ageing

13 February

'Adolescent pregnancy and fertility in Uganda: does education have a role?'

Dr. Anne Katahoire

Associate Professor in Behavioural Science, Makerere University

20 February

'Improving reproductive health service uptake in Africa through complex community interventions – a case for Health in Tanzania'

John Dusabe

Research Assistant, Liverpool School of Tropical Medicine

27 February

'The intensification of son preference in Nepal'

Dr Melanie Channon neè Frost

Research Fellow, Oxford Institute of Population Ageing

6 March

'Recent trends and inequalities in infant mortality in England and Wales'

Dr Jennifer Hollowell

Epidemiologist, National Perinatal Epidemiology Unit, Nuffield Department of Population Health, University of Oxford

13 March

'Population-level fertility impacts of enabling people to exercise their reproductive rights'

Professor Zoë Matthews

Professor of Global Health and Social Statistics, University of Southampton

Hilary 2014 Seminar Series: Art, Wellbeing & Ageing

Convenor: Dr Kate Hamblin

22 January

'Active ageing with music: Supporting wellbeing in the Third and Fourth Ages'

Dr Andrea Creech, Institute of Education, University of London

29 January

'Museums, health and wellbeing: Exploring the therapeutic potential of museums and cultural heritage'

Dr Helen Chatterjee, Deputy Director of UCL Museums & Collections, UCL

5 February

'Engaging with contemporary visual art: Maintaining health and well-being'

Andrew Newman, Newcastle University

12 February

'Psychosocial containment and aesthetic experience'

Professor Lynn Froggett, University of Central Lancashire

19 February

'Making memories matter'

Helen Fountain, Museum of Oxford and Gill Munday, Oxfordshire Museums Service

26 February

'Memory, material culture and identity'

Steph Mastoris, Head of the National Waterfront Museum, Swansea

5 March

'Museums and gallery partnerships in clinical services: Our journey so far'

Helen Shearn and colleagues, South London and Maudley NHS Foundation Trust

12 March

'Music and medicine across the lifespan'

Daisy Fancourt, Research Associate, Centre for Performance Science

Trinity 2014 Seminar Series: Health and Social Care Integration: Policy and Practice

Convenor: Laurel Hixon

1 May

'History of integration initiatives in England: What we've learned'

Professor Gerald Wistow, Personal Social Services Research Unit (PSSRU), London School of Economics and Political Science (LSE)

8 May

'Tectonic shifts in health care'

Professor Robert Kane, Minnesota Chair in Long-Term Care and Aging, University of Minnesota

15 May

'Integration in practice'

Thirza Sawtell, Director of Strategy and Transformation, NHS North West London Collaboration of Clinical Commissioning Groups

22 May

'Reflections on past and current government policy on integration'

Rt. Hon Stephen Dorrell MP, Chair, House of Commons Health Select Committee

29 May

'Management of change and leadership in integrated care'

John Atkinson, Facilitator, National Systems Leadership Steering Group for Health and Social Care

5 June

'Integrated care for acute illness in older patients: The interface between primary and secondary care'

Dr Daniel Lasserson, Senior Clinical Researcher, Nuffield Dept. Primary Care Health Sciences, University of Oxford

12 June

'The patient's experience with integrated care'

Don Redding, Director of Policy, National Voices

Chris Graham, Director of Research and Policy, Picker Institute Europe

19 June

'Integrated care: Looking forward'

Nick Goodwin, CEO International Foundation for Integrated Care

Trinity Term Seminar Series: Research Methods in Demography and Beyond

Convenor: Dr Maja Založnik

7 May

'To what extent is the variation in social and health outcomes of individuals associated with their social networks?'

Dr. Mark Tranmer

Senior Lecturer, School of Social Science, University of Manchester

14 May

'Agent-Based Models in Demography: Modelling the Ageing UK Population'

Dr. Eric Silverman

Research Fellow, University of Southampton

21 May

'Combining Multiple Data Sources to Estimate Ethnic Fertility Rates'

Dr. Paul Norman

Lecturer in Human Geography, University of Leeds

28 May

'Uncertainty in international migration studies: A Bayesian view'

Dr. Jakub Bijak

Lecturer in Demography, University of Southampton

4 June

'Advances in the Geodemographic Study of Population and Place'

Dr Alex Singleton

Lecturer in geographic Information Science, University of Liverpool

11 June

'Demographic scars and demographic futures: The accidental rediscovery of shaded contour maps for exploring the nooks and crannies of Lexis surfaces from nearly forty nations'

Dr Jonathan Minton

Quantitative Research Associate, University of Glasgow

18 June

'Developing Participatory GIS for improved urban decision making'

Steve Cinderby

Senior Research Associate, Stockholm Environment Institute at the University of York

Media

Book release: Harper, S. and Hamblin, K. (eds.) (2014) *International Handbook on Ageing and Public Policy*. Cheltenham: Edward Elgar Publishing.

Ageing and demographic changes in the UK. Sarah Harper interviewed by Phil Kennedy. (2014) [radio broadcast]. BBC Radio Berkshire. 23 July.

Book release: Leeson, G. and Khan, H. (2015) Mandatory Retirement Abolished. In: M. Higo and T. Klassen (eds.). *The past, the present and the future of mandatory retirement*. Routledge.

Prime Minister appoints Sarah Harper as a new member of the Council for Science and Technology, 25 March 2014

Saturday Breakfast. Record number of people living to 100. (2014) [radio broadcast]. BBC Radio 5. March. (Sarah Harper interviewed)

Bingham, J. (2014) Britons have shortest retirement of any EU country. *The Telegraph*, 18 March. (Sarah Harper interviewed)

Women's Hour. Life expectancy for girls has officially broken the 100 year barrier for the first time according to Public Health England. So how should young women be preparing for their future? (2014) [radio broadcast]. BBC Radio 4. 11 February. (George Leeson interviewed)

Modern retirement and ageing. (2013) [radio broadcast]. BBC Radio Berkshire. 19 November. (George Leeson interviewed)

Greenwell, S. (2013) Google's Ray Kurzweil predicts how the world will change. *The Times*, 31 December. (Sarah Harper interviewed)

Bingham, J. (2013) First World War still shaping Britain as 'original baby-boomers' trigger surge in over-90s. *The Telegraph*, 23 September. (Sarah Harper interviewed)

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